

# Control and signaling units Ø 22

Harmony<sup>®</sup> XB4 metal

Catalog

January 2013



*Selection guide* ..... page 2

General

- **Presentation of range** ..... page 4
- **Description of range** ..... page 5
- **Presentation of complete units** ..... page 6
- **Presentation of sub-assemblies** ..... page 8

Installation

- **Contact mounting - Contact sequence** ..... page 12

References





- **Pushbuttons, spring return**
  - Unmarked ..... page 14
  - Marked ..... page 16
  - Illuminated with integral LED ..... page 17
- **Multiple-headed pushbuttons, spring return**
  - Double-headed pushbuttons + 1 white central pilot light block. .... page 20
  - Triple-headed pushbuttons ..... page 21
  - Accessories for multiple-headed pushbuttons ..... page 21
- **Mushroom head pushbuttons**
  - Spring return and illuminated spring return ..... page 22
  - Latching and illuminated latching ..... page 23
- **Emergency stop**
  - Trigger action and mechanical latching ..... page 24
- **Emergency switching off**
  - Mechanical latching and illuminated mechanical latching ..... page 25
- **Pushbuttons**
  - Push-push ..... page 26
  - Illuminated, Push-push ..... page 27
- **Selector switches**
  - With standard handle. .... page 28
  - With long handle and padlockable long handle ..... page 29
  - Key switches ..... page 30
  - With knurled knob ..... page 31
  - Illuminated, with standard handle and integral LED ..... page 32
- **Toggle switches** ..... page 31
- **Pilot lights**
  - With integral LED ..... page 34
  - With BA 9s base fitting ..... page 35
- **Specific functions**
  - Heads for manual overload reset pushbuttons. .... page 36
  - Heads + mounting base for potentiometer ..... page 36
  - Hour counters, Annunciators and Fuse carrier. .... page 36
  - Joystick controllers ..... page 37
  - Wobblestick heads. .... page 37
- **Contact and illuminated functions (blocks & bodies)**
  - With screw clamp terminal connections ..... page 38
  - With spring clamp terminal connections ..... page 40
  - For printed circuit board ..... page 41
  - With Faston connectors ..... page 42
  - For plug-in connector ..... page 43
- **Contact and illuminated functions (bodies)**
  - With integral LED ..... page 44
  - With BA 9s base fitting ..... page 48

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- **Contact and light blocks for specific applications**
  - Contact blocks (high or low power switching, staggered etc) . . . . . *page 38*
  - Flashing light blocks . . . . . *page 39*
  - Light blocks for “test” function and LED suppressors . . . . . *page 39*
- **Accessories**
  - For heads . . . . . *page 51*
  - For pushbuttons. . . . . *page 59*
- **Legends and legend holders** . . . . . *page 52*

## Index

- **Product reference index** . . . . . *page 62*

Type of products	Pilot lights	Pushbuttons, selector switches and pilot lights		Biometric switches	
					
<b>Description of range</b>	<ul style="list-style-type: none"> <li>LED pilot lights</li> </ul>	<ul style="list-style-type: none"> <li>Pushbuttons</li> <li>Multiple-headed pushbuttons</li> <li>Emergency Stop pushbuttons</li> <li>Emergency switching off pushbuttons</li> <li>Selector switches and key switches</li> <li>Illuminated pushbuttons</li> <li>Pilot lights</li> </ul>		<ul style="list-style-type: none"> <li>Fingerprint readers</li> <li>biometric switches 24V ---</li> </ul>	
<b>Features</b>	<b>Products</b>	Monolithic, compact, low consumption	Complete units or sub-assemblies (body + head)		Monolithic
	<b>Bezel</b>	Double insulated	Metal, chromium plated or black	Double insulated	Double insulated, dark gray
	<b>Shape of head</b>	Circular	Circular, square or rectangular	Circular	Circular or square
<b>Drilling or cut-out for fixing</b>	Ø 8 mm and Ø 12 mm/0.315 in. and 0.472 in.	Ø 16 mm/0.630 in.	Ø 22 mm/0.866 in.		
<b>Degree of protection</b>	Conforming to IEC 60529	IP 40 IP 65 with seal	IP 65	IP 66 IP 69K (Selector switches and key switches, multiple-headed pushbuttons and Emergency Stop pushbuttons with bellows)	IP 65 (control button)
	Conforming to UL 508 and CSA C22-2 N° 14	–	Enclosure type 4, 4X and 13		Enclosure type 12
<b>Cabling</b>	Tags for Ø 2.8 x 0.5 mm/0.110 x 0.020 in. connectors or threaded connector	Faston connectors Solder pins for printed circuit boards	Spring clamp terminal connections Screw clamp terminal connections Faston connectors Connector With adaptor for printed circuit board		Cable or connectors
<b>Mounting</b>	<b>Panel thickness</b>	Ø 1...8 mm/0.039...0.315 in.	Ø 1...6 mm/0.039...0.236 in.		
<b>Type references</b>	<b>XVLA</b>	<b>XB6</b>	<b>XB4</b>	<b>XB5</b>	<b>XB5S</b>

(1) Wireless and batteryless pushbutton and receiver ready-paired at the factory.

Wireless and batteryless pushbuttons	Pushbuttons, selector switches and pilot lights	Joystick controllers	Pushbuttons, selector switches and pilot lights	Cam switches	
					
<ul style="list-style-type: none"> <li>Wireless and batteryless pushbuttons</li> <li>Configurable receivers</li> <li>Relay-antenna</li> <li>Mobile handy box or plastic boxes for wall mounting</li> </ul>	<ul style="list-style-type: none"> <li>Pushbuttons</li> <li>Emergency Stop and Emergency switching off pushbuttons</li> <li>Selector switches and key switches</li> <li>Illuminated pushbuttons</li> <li>Pilot lights</li> </ul>	<ul style="list-style-type: none"> <li>2 or 4 direction</li> <li>Stay put or spring return</li> </ul>	<ul style="list-style-type: none"> <li>Pushbuttons</li> <li>Emergency Stop buttons</li> <li>Selector switches and key switches</li> <li>Illuminated pushbuttons</li> <li>Pilot lights</li> </ul>	<ul style="list-style-type: none"> <li>Switches</li> <li>Stepping switches</li> <li>Reversing and changeover switches</li> <li>Ammeter switches</li> <li>Voltmeter switches</li> <li>Reversing switches</li> <li>Star-delta and reversing star-delta switches</li> <li>Pole change switches</li> </ul>	
Ready-to-use packs (1) and «components» range	Monolithic	Complete units or sub-assemblies (body + head with lever)	Complete units or sub-assemblies (body + head)	Complete units or sub-assemblies (body + front panel + head)	
Metal, chromium plated or double insulated, black	Double insulated, dark gray (or white for pilot lights)	Metal, chromium plated	Double insulated, black	Metal, chromium plated or double insulated, black	
Transmitter with circular head	Circular	Circular	Hexagonal	Square	
Ø 22 mm/0.866 in.			Ø 30 mm/1.181 in.	Ø 16 or Ø 22 mm/0.630 or 0.866 in.: series K10 Ø 22 mm/0.866 in. and multifixing: series K1/K2 4 holes, 48 or 68 centres: series K30...K150	
IP 65	IP 65 (control buttons and pilot lights) IP 54 (Emergency switching off pushbuttons)	IP 65	IP 66	IP 65	IP 66
Enclosure type 12	Enclosure type 3 (pushbuttons and Emergency stop) and 4 (pilot lights)	Enclosure type 4, 4X and 13		Enclosure type 4 and 13 (9001K) Enclosure type 4, 4X, 13 (9001SK)	–
Wireless (transmitter) Through cable (receiver)	Screw and captive clamp terminal connections Faston clip connections (pilot lights)	Screw and captive clamp terminal connections			
Ø 1...6 mm/0.039...0.236 in.				Ø 0.5...6 mm/0.020...0.236 in. (depending on model)	
<b>XB5R, XB4R</b>	<b>XB7</b>	<b>XD4PA</b>	<b>XD2GA</b>	<b>XD5PA</b>	<b>9001K, 9001SK</b>
					<b>K10, K1, K2, K30, K50, K63, K115, K150</b>

More technical information on [www.schneider-electric.com](http://www.schneider-electric.com)

### Presentation

The Harmony® XB4 range of metal control and signaling units combines simplicity of installation, flexibility and robustness. It meets the requirements of the majority of industrial applications.

■ This range includes:

- Pushbuttons and switches designed for Start/Stop control of machines and installations, adjustment and parametering (contact functions): Pushbuttons, selector/key switches, Emergency stop or Emergency switching off pushbuttons, multiple-headed pushbuttons
- Pilot lights designed for visual signaling (signaling functions)
- Illuminated pushbuttons designed for control and signaling (contact functions + signaling functions)

■ These products are shown on the following pages in two forms:

- Complete units with chromium plated metal bezel
- Sub-assemblies for user assembly (body sub-assemblies and head sub-assemblies with chromium plated or black metal bezel)

■ The pushbutton and switch control offer (illuminated and non-illuminated) is both broad and comprehensive:

- Flush, projecting, recessed, booted, spring return, push-pull, marked or unmarked pushbuttons
- Emergency stop trigger action and mechanically latching pushbuttons (conforming to standards EN/IEC 60204-1 and EN/ISO 13850)
- Emergency switching off mechanically latching pushbuttons (conforming to standard IEC 60364-5-53)
- Selector switches with standard, long handle or knurled knob, key switches
- Controllers
- Wide choice of legends and legend holders
- Wide choice of head colors
- Wide choice of accessories and spare parts

■ The pilot light signaling offer includes pilot lights with integral LED and pilot lights for BA 9s base fitting bulbs. The two types of pilot lights are for direct supply or via integral transformer.

■ Innovative complementary offers are also available:

- Multiple-headed pushbuttons
- Control and signaling units for severe applications
- Wireless and batteryless pushbuttons
- Biometric switches (see the Harmony® XB5 offer)

### Installation

■ Harmony® XB4 products are both simple and quick to install:

- Mounting by single installer (self-maintaining of the head in its cut-out)
- Clip-together component system (head, body, contact blocks and LED)
- Fixing by a single locking screw
- Anti-loosening system for screw clamp terminals of contact blocks.

■ Various types of connection are available: Screw clamp, connector, Faston connector, spring terminal or for printed circuit board.

### Environment

■ The performance features of the Harmony® XB4 range meet the most demanding international standards and approvals:

- EN/IEC 60947-1, EN/IEC 60947-5-1, EN/IEC 60947-5-4 and EN/IEC 60947-5-5
- UL 508, CSA C22-2 n° 14, GB 14048.5
- International certifications: UL, CSA, CCC, GOST
- Marine certifications: BV, RINA, LRCS, DNV, GL

■ The range includes products for use in difficult industrial environments, due to:

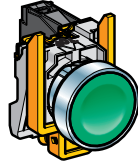
- Their high degree of protection for harsh environments (IP 66 / IP 69K)
- Their resistance to high pressure cleaning
- Their "all climates" TH compatibility
- A wide choice of contact blocks with various breaking capacities (low, standard or high power switching)

For more technical information, please refer to our website [www.schneider-electric.com](http://www.schneider-electric.com).

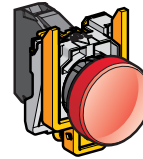
**Description**

The Ø 22 mm/0.866 in. range of metal control and signaling units comprises:

Complete units XB4B, with chromium plated metal bezel

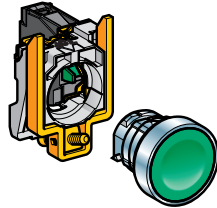


Pushbuttons and switches

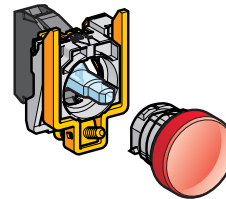


Pilot lights

Sub-assemblies ZB4B, with chromium plated or black metal bezel

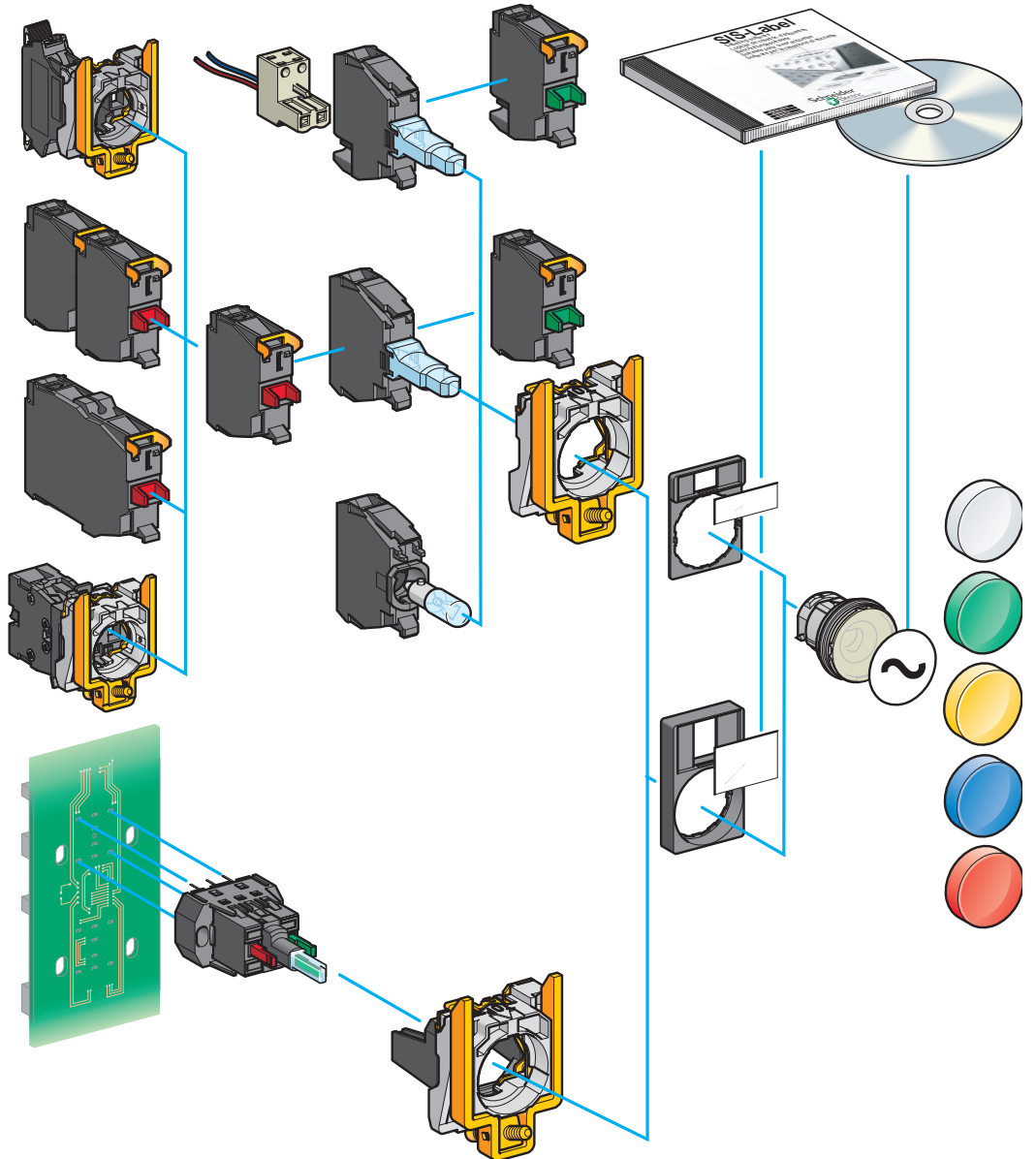


Pushbuttons and switches:  
body + head  
sub-assemblies



Pilot lights:  
body + head  
sub-assemblies

Component parts and accessories, ZB



# Control and signaling units Ø 22

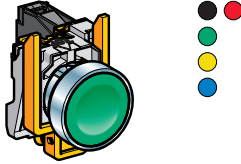
Harmony® XB4, metal

Pushbuttons, switches and pilot lights:  
complete units, XB4B

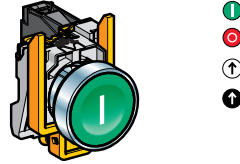
## Complete units

## Contact functions

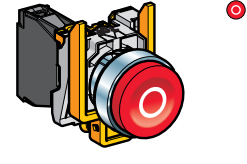
Pushbuttons, spring return, with chromium plated metal bezel



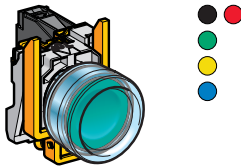
Flush push, unmarked  
XB4BA●1/BA42  
see page 14



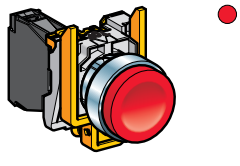
Flush push, with marking  
XB4BA3311  
see page 16



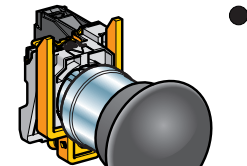
Projecting push, with marking  
XB4BL4322  
see page 16



Booted flush push  
XB4BP●1/BP42  
see page 15



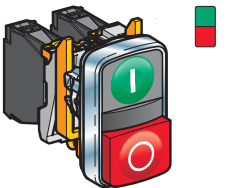
Projecting push, unmarked  
XB4BL42  
see page 14



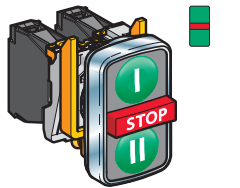
Mushroom head  
XB4BC21  
see page 22

Ø 40 mm/  
1.57 in.

Multiple-headed pushbuttons, spring return, with chromium plated metal bezel

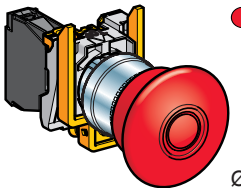


Double-headed  
XB4BL73415  
see page 20

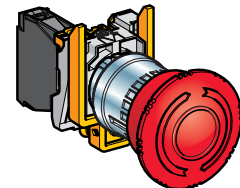


Triple-headed  
XB4BA731327/XB4BA711237  
see page 21

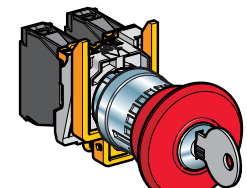
Emergency Stop or Emergency switching off mushroom head pushbuttons, Ø 40 mm/1.57 in., with chromium plated metal bezel



Ø 40 mm/  
1.57 in.



Ø 40 mm/  
1.57 in.



Ø 40 mm/  
1.57 in.

Emergency stop trigger action and mechanical latching

Push-pull (EN/ISO 13850)  
XB4BT845  
see page 24

Turn to release (EN/ISO 13850)  
XB4BS844●  
see page 24

Key release (EN/ISO 13850)  
XB4BS9445  
see page 24

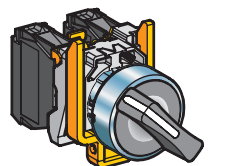
Emergency switching off mechanical latching

Push-pull (IEC 60364-5-53)  
XB4BT42  
see page 25

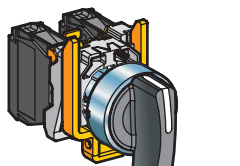
Turn to release (IEC 60364-5-53)  
XB4BS542  
see page 25

Key release (IEC 60364-5-53)  
XB4BS142  
see page 25

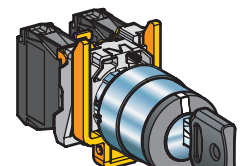
Selector switches and key switches, with chromium plated metal bezel



Standard handle, black  
XB4BD●●  
see page 28



Long handle, black  
XB4BJ●●  
see page 29

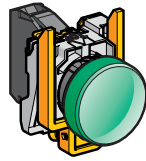


Key switch  
XB4BG●●  
see page 30

**Complete units**

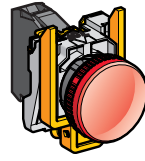
**Signaling functions**

**Pilot lights**



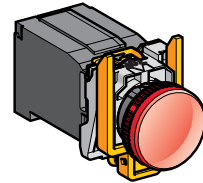
Integral LED

**XB4BVB●/BVG●/BVM●**  
see page 34



For bulb with BA 9s base fitting  
Direct supply

**XB4BV6●**  
see page 35

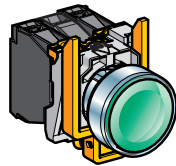


Via integral transformer with secondary

**XB4BV3●/BV4●**  
see page 35

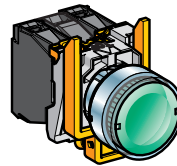
**Combined functions (contact + signaling)**

**Illuminated pushbuttons, spring return, flush push, chromium plated metal bezel**



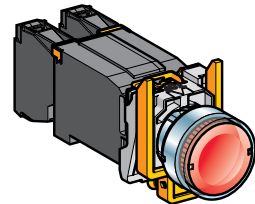
Integral LED

**XB4BW3●B5/BW3●G5/BW3●M5**  
see page 17



For bulb with BA 9s base fitting  
Direct supply

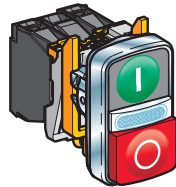
**XB4BW3●65**  
see page 19



Via integral transformer

**XB4BW3●35/BW3●45**  
see page 19

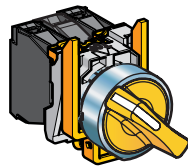
**Double-headed pushbuttons + pilot light block, spring return, chromium plated metal bezel**



Integral LED

**XB4BW73731●5**  
see page 20

**Illuminated selector switches with standard handle, chromium plated metal bezel**



Integral LED

**XB4BK12●●5, XB4BK13●●5**  
see page 32



# Control and signaling units Ø 22

Harmony® XB4, metal

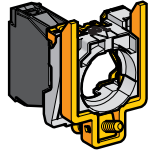
Pushbuttons, switches and pilot lights:  
sub-assemblies, ZB4B

**Non illuminated units for user assembly**

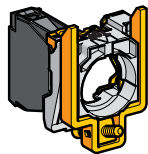
**Contact functions**

For pushbuttons, spring return, unmarked

**Body sub-assemblies**

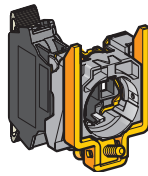


Screw clamp terminals  
ZB4BZ10/BZ141  
see page 38



Faston  
ZB4BZ10/3  
see page 42

For pushbuttons, spring return, with marking

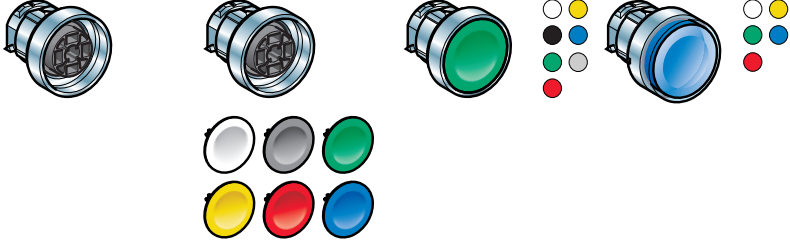


Spring clamp terminals  
ZBE10/5  
ZB4BZ10/5  
see page 40

For multiple-headed pushbuttons, spring return

For "push-push to release" pushbuttons

**Head sub-assemblies, chromium plated or black metal bezel**

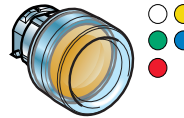
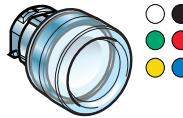
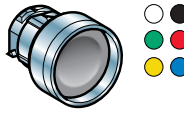
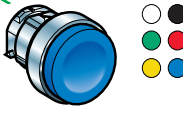


Flush push without cap  
ZB4BA0  
see page 14

Flush push with set of 6 caps  
ZB4BA9  
see page 14

Flush push  
ZB4BA●  
see page 14

Flush push for insertion of legend  
ZB4BA●8  
see page 14

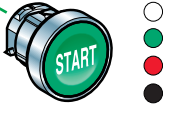


Projecting push  
ZB4BL●  
see page 14

Recessed push  
ZB4BA●6  
see page 15

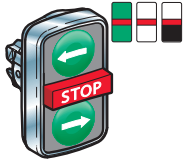
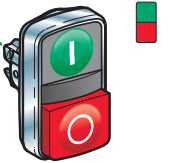
Booted flush/projecting push  
ZB4BP●/BP●S  
see page 15

Booted flush push for insertion of legend  
ZB4BP●8  
see page 15



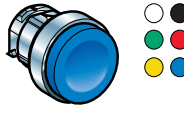
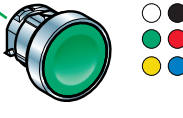
Flush push  
ZB4BA●3●/BA●4●  
ZB4BA334/335  
see page 16

Projecting push  
ZB4BL●3●  
see page 16



Double-headed pushbuttons  
ZB4BA7●●●  
ZB4BA79  
ZB4BL734●  
see page 20

Triple-headed pushbuttons  
ZB4BA7313●  
ZB4BA711●●  
ZB4BA72124  
ZB4BA791  
see page 21



Flush push  
ZB4BH0●  
see page 26

Projecting push  
ZB4BH●  
see page 26

References:  
page 14

# Control and signaling units Ø 22

Harmony® XB4, metal

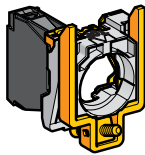
Pushbuttons, switches and pilot lights:  
sub-assemblies, ZB4B

## Non illuminated units for user assembly (continued)

## Contact functions

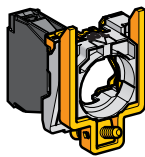
For mushroom head pushbuttons

Body sub-assemblies



Screw clamp terminals  
ZB4BZ10●/BZ141  
see page 38

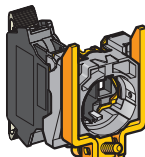
For Emergency Stop or Emergency switching off mushroom head pushbuttons



Faston  
ZB4BZ10●3  
see page 42

Emergency stop trigger action and mechanical latching

Emergency switching off mechanical latching



Spring clamp terminals  
ZBE10●5  
ZB4BZ10●5  
see page 40

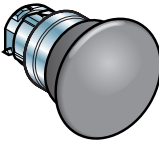
Emergency stop trigger action and mechanical latching

Emergency switching off mechanical latching

For selector switches and key switches

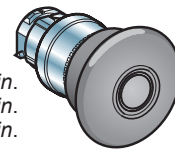
For toggle switches

Head sub-assemblies, chromium plated or black metal bezel



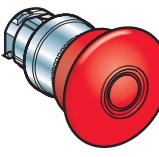
Ø 30 mm/1.181 in.  
Ø 40 mm/1.575 in.  
Ø 60 mm/2.362 in.

Spring return  
ZB4BC●/BR●  
see page 22



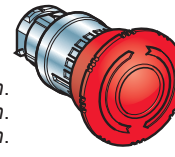
Ø 30 mm/1.181 in.  
Ø 40 mm/1.575 in.  
Ø 60 mm/2.362 in.

Latching  
ZB4B●2/BS●2/BS55  
see page 23



Ø 30 mm/1.181 in.  
Ø 40 mm/1.575 in.  
Ø 60 mm/2.362 in.

Push-pull (EN/ISO 13850)  
ZB4BT84  
see page 24

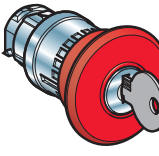


Ø 30 mm/1.181 in.  
Ø 40 mm/1.575 in.  
Ø 60 mm/2.362 in.

Turn to release (EN/ISO 13850)  
ZB4BS8●4  
see page 24

Push-pull (IEC 60364-5-3)  
ZB4BT4/BX4  
see page 25

Turn to release (IEC 60364-5-3)  
ZB4BS44/BS54/BS64  
see page 25



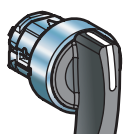
Ø 30 mm/1.181 in.  
Ø 40 mm/1.575 in.  
Ø 60 mm/2.362 in.

Key release (EN/ISO 13850)  
ZB4BS9●4  
see page 24

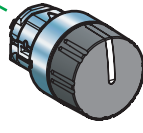
Key release (IEC 60364-5-3)  
ZB4BS74/BS14/BS24  
see page 25



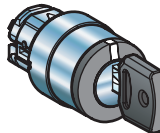
Standard black handle (1)  
ZB4BD●  
see page 28



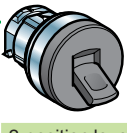
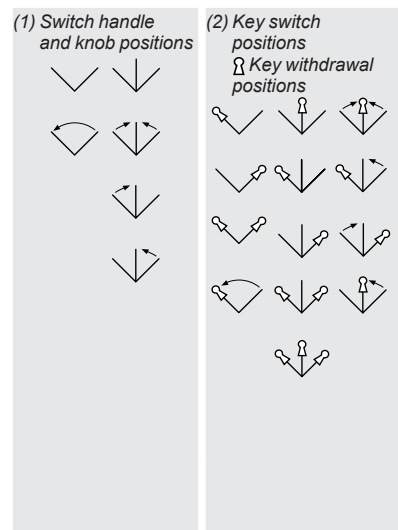
Long black handle (1)  
ZB4BJ●  
see page 29



Knurled black knob (1)  
ZB4BD●9  
see page 31



Key switch (2)  
ZB4BG●●/  
BG●TEC10  
see page 30

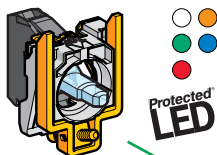


2-position lever (3)  
ZB4BD●8, see page 31

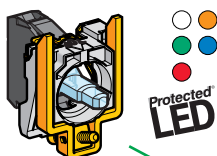
**Pilot lights  
for user assembly**

**Signaling functions**

**Body sub-assemblies  
with integral LED**



Connection: screw  
clamp terminals  
**ZB4BVJ●/BVB●/BVG●/  
BVM●**  
see page 46

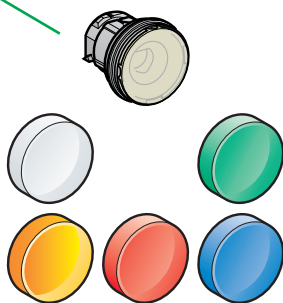


Connection: plug-in  
connector  
**ZB4VB●4/BVG●4/  
BVM●4**  
please consult our  
Customer Care Centre

**Head sub-assemblies**



With lens fitted  
**ZB4BV0●3**  
see page 34

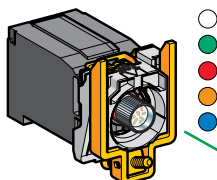


With 5 separate lenses, not fitted  
**ZB4BV003**  
see page 34

**Body sub-assemblies  
for BA 9s bulb**



Direct supply  
Connection: screw  
clamp terminals  
**ZB4BV6**  
see page 49



Via integral transformer  
Connection: screw clamp  
terminals  
**ZB4BV●D●**  
see page 49

**Head sub-assemblies**

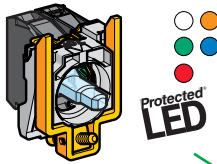


With lens fitted  
**ZB4BV0●, ZB4BV0●S**  
see page 35

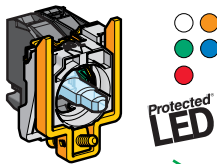
**Illuminated pushbuttons for user assembly**

For illuminated pushbuttons, spring return

**Body sub-assemblies with integral LED**



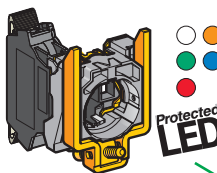
Screw clamp terminals  
ZB4BW0B●●/BW0G●●/BW0M●●  
see page 44



Plug-in connector  
ZB4BW0B●●4  
please consult our Customer Care Centre

For illuminated double-headed pushbuttons, spring return

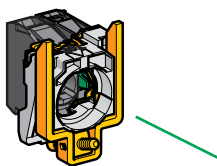
For illuminated "push-push to release" pushbuttons and illuminated selector switches with standard handle



Spring clamp terminals  
ZBV●●●  
see page 40

For illuminated mushroom head pushbuttons

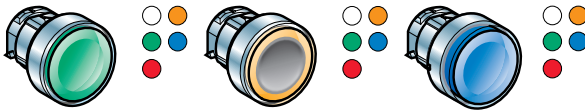
**Body sub-assemblies for BA 9s bulb**



Direct supply or via integral transformer  
Screw clamp terminals  
ZB4BW0●●●  
see page 48

**Combined functions (contact + signaling)**

**Head sub-assemblies, chromium plated or black metal bezel**



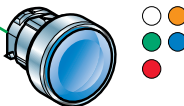
Flush push ZB4BW3●3 see page 18	Flush push with illuminated ring ZB4BW9●3 see page 18	Flush push for insertion of legend ZB4BA●8 see page 18
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Booted flush push ZB4BW5●3 see page 18	Projecting push ZB4BW1●3, ZB4BW1●3S see page 18	Mushroom head, spring return ZB4BW4●3 see page 22
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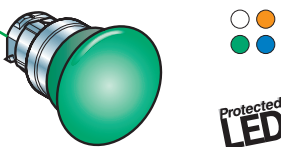
Double-headed (flush/flush push) + central pilot light  
Double-headed (flush/projecting push) + central pilot light  
ZB4BW7A17●● / ZB4BW7A374● / ZB4BW7A9, see page 20  
ZB4BW7L374●, see page 20



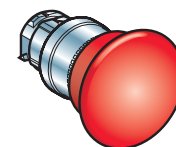
Flush or projecting "push-push to release"  
ZB4BH0●3/BH●3  
see page 27



Selector switches with standard handle  
ZB4BK1●●3  
see page 33



Mushroom head, latching  
ZB4BW6●3  
see page 23



Emergency switching off, mechanical latching, push-pull  
ZB4BW643  
see page 25

**Head sub-assemblies, chromium plated or black metal bezel**



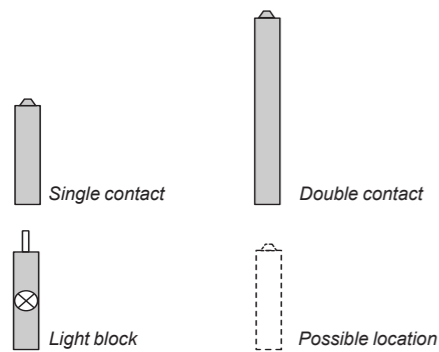
Flush push ZB4BW3●, ZB4BW3●S see page 19	Projecting push ZB4BW1●, ZB4BW1●S see page 19
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# Control and signaling units Ø 22

Harmony® XB4 metal  
Contact mounting - Contact sequence

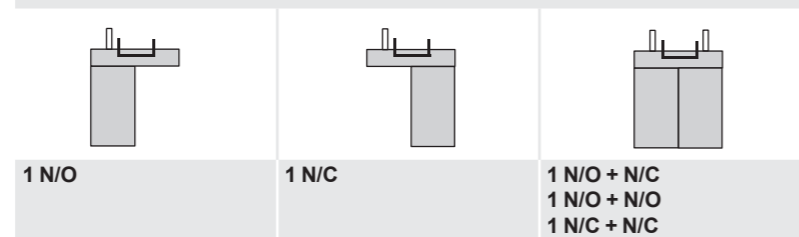
## Maximum recommended configurations guaranteeing achievement of catalog characteristics

Unit type (complete units XB4B, heads ZB4B)	Pushbuttons, spring return XB4BA●, ZB4BA●, (except ZB4BA●8) XB4BC●, ZB4BC●, XB4BL●, ZB4BL●, XB4BP●, ZB4BP●, ZB4BR● Triple-headed pushbuttons XB4BA731327, XB4BA711137, ZB4BA7313●, ZB4BA7111●, ZB4BA72124, ZB4BA791	Double-headed pushbuttons XB4BL73415, ZB4BA712●, ZB4B●734●, ZB4BA79	Illuminated pushbuttons, spring return XB4BW●, ZB4BW●, ZB4BA●8 Double-headed pushbuttons + pilot light block XB4BW73731●5, ZB4BW7A17●●, ZB4BW7●374●, ZB4BW7A9	
Solution using single contacts				
Solution using single and double contacts				
Maximum recommended configurations	Single contacts Double contacts + single contacts Light block	9 3 + 3 -	6 2 + 2 -	6 2 + 2 1



## Possible configurations for high power switching contacts (1) (2)

High power switching contact blocks with screw clamp terminal connections:  
ZBE501, ZBE502, ZBE503, ZBE504 and ZBE505  
High power switching contact blocks with connection by Faston connectors:  
ZBE5013, ZBE5023, ZBE5033, ZBE5043 and ZBE5053



(1) The configurations are not upgradable and cannot be combined with other types of contact and signaling functions.  
(2) High power switching contacts are not compatible with Harmony triple-headed pushbuttons.



## Sequence of contacts fitted to selector switch bodies


Emergency stop or Emergency switching off XB4BT●, ZB4BT●, XB4BS●, ZB4BS●	Selector switches ■ Standard handle XB4BD●, ZB4BD●, ■ Long handle XB4BJ●, ZB4BJ●, ■ Knurled knob ZB4BD●9, ■ Key switch XB4BG●, ZB4BG●	Illuminated selector switches, standard handle XB4BK●, ZB4BK●	Toggle switches ZB4BD●8	Pushbuttons, push-push ZB4BH●	Illuminated pushbuttons, push-push ZB4BH●3	
4 2 + 0 -	4 1 + 2 -	5 2 + 1 -	4 1 + 2 -	6 2 + 0 1	3 - + 0 -	2 - - 1






## Sequence of contacts fitted to selector switch bodies



Unit type	Selector switches	
	2-position	3-position
Push	Position Top Bottom Location L C R L C R L C R State 0 0 0 1 1 1 1 1 0 0 0 0 0 1 1 Contacts N/O N/C	
L left, C centre, R right □ open, ■ closed		


Assembly of other products using:  
body/contact assemblies: see page 38  
accessories: see page 50

Pushbuttons with flush push <sup>(1)</sup>						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Shape of head	Type of push	Type of contact		Color of push	Reference	Weight kg/lb
						
		N/O	N/C			

Complete units						
	Flush	1	-	White	<b>XB4BA11</b> (ZB4BZ101 + ZB4BA1)	0.080/0.176
				Black	<b>XB4BA21</b> (ZB4BZ101 + ZB4BA2)	0.080/0.176
				Green	<b>XB4BA31</b> (ZB4BZ101 + ZB4BA3)	0.080/0.176
				Yellow	<b>XB4BA51</b> (ZB4BZ101 + ZB4BA5)	0.080/0.176
				Blue	<b>XB4BA61</b> (ZB4BZ101 + ZB4BA6)	0.080/0.176
				Red	<b>XB4BA42</b> (ZB4BZ102 + ZB4BA4)	0.080/0.176
		-	1			

Heads only						
	Without cap <sup>(2)</sup>			-	<b>ZB4BA0</b>	0.028/0.062
	Flush, with set of 6 colored caps			6 colors <sup>(3)</sup>	<b>ZB4BA9</b>	0.038/0.084
	Flush			White	<b>ZB4BA1</b>	0.029/0.064
				Black	<b>ZB4BA2</b>	0.029/0.064
				Green	<b>ZB4BA3</b>	0.029/0.064
				Red	<b>ZB4BA4</b>	0.029/0.064
				Yellow	<b>ZB4BA5</b>	0.029/0.064
				Blue	<b>ZB4BA6</b>	0.029/0.064
				Gray	<b>ZB4BA8</b>	0.029/0.064
	Flush with transparent cap for insertion of legend <sup>(4)</sup>			White	<b>ZB4BA18</b>	0.028/0.062
				Green	<b>ZB4BA38</b>	0.028/0.062
				Red	<b>ZB4BA48</b>	0.028/0.062
				Yellow	<b>ZB4BA58</b>	0.028/0.062
				Blue	<b>ZB4BA68</b>	0.028/0.062
	Flush (high bezel)			White	<b>ZB4BA14</b>	0.034/0.075
				Black	<b>ZB4BA24</b>	0.034/0.075
				Green	<b>ZB4BA34</b>	0.034/0.075
				Red	<b>ZB4BA44</b>	0.034/0.075
				Yellow	<b>ZB4BA54</b>	0.034/0.075
				Blue	<b>ZB4BA64</b>	0.034/0.075

Pushbuttons with projecting push <sup>(1)</sup>						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Shape of head	Type of push	Type of contact		Color of push	Reference	Weight kg/lb
						
		N/O	N/C			

Complete units						
	Projecting	-	1	Red	<b>XB4BL42</b> (ZB4BZ102 + ZB4BL4)	0.081/0.179

Heads only						
	Projecting			White	<b>ZB4BL1</b>	0.030/0.066
				Black	<b>ZB4BL2</b>	0.030/0.066
				Green	<b>ZB4BL3</b>	0.030/0.066
				Red	<b>ZB4BL4</b>	0.030/0.066
				Yellow	<b>ZB4BL5</b>	0.030/0.066
				Blue	<b>ZB4BL6</b>	0.030/0.066

### Heads with black metal bezel

To order, add a figure 7 to the references listed from above.  
Example: **ZB4BA0** becomes **ZB4BA07**.

- (1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.
- (2) Colored cap to be ordered separately: see page 50.
- (3) Head supplied with 6 different colored caps (white, black, green, red, yellow, blue) not fitted.
- (4) For legend ordering information, see page 57.

Assembly of other products using:  
body/contact assemblies: see page 38  
accessories: see page 50

## Control and signaling units Ø 22

Harmony® XB4, metal

Spring return pushbuttons, unmarked

814146



ZB4BA36

Pushbuttons with recessed push (1)					
High guard					
Shape of head	Type of push		Color	Reference	Weight kg/lb
<b>Heads only</b>					
	Recessed (high guard)		White	ZB4BA16	0.034/0.075
			Black	ZB4BA26	0.034/0.075
			Green	ZB4BA36	0.034/0.075
			Red	ZB4BA46	0.034/0.075
			Yellow	ZB4BA56	0.034/0.075
			Blue	ZB4BA66	0.034/0.075

110009



XB4BP21

Pushbuttons with silicone booted head for severe environments (1)						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Shape of head	Type of push	Type of contact		Color of push	Reference	Weight kg/lb
		N/O	N/C			
<b>Complete units</b>						
	Booted, clear silicone (color of push unobscured)	1	–	Black	XB4BP21 (ZB4BZ101 + ZB4BP2)	0.082/0.181
		–	1	Green	XB4BP31 (ZB4BZ101 + ZB4BP3)	0.082/0.181
		–	1	Yellow	XB4BP51 (ZB4BZ101 + ZB4BP5)	0.082/0.181
		–	1	Blue	XB4BP61 (ZB4BZ101 + ZB4BP6)	0.082/0.181
		–	1	Red	XB4BP42 (ZB4BZ102 + ZB4BP4)	0.082/0.181

814144



ZB4BP18

Silicone booted heads only, with increased protection (IP 69K)						
Flush	Clear boot (2)			Color	Reference	Weight kg/lb
	Clear boot (2) For insertion of protected legend within head (3)			White	ZB4BP18	0.034/0.075
				Green	ZB4BP38	0.034/0.075
				Red	ZB4BP48	0.034/0.075
				Yellow	ZB4BP58	0.034/0.075
				Blue	ZB4BP68	0.034/0.075
<b>Projecting</b>	Clear boot (2)			White	ZB4BP1	0.031/0.068
				Black	ZB4BP2	0.031/0.068
				Green	ZB4BP3	0.031/0.068
				Red	ZB4BP4	0.031/0.068
				Yellow	ZB4BP5	0.031/0.068
				Blue	ZB4BP6	0.031/0.068

103842



ZB4BP2S

Silicone booted heads only, standard for mouting with legend holder (IP 66)						
Flush	Colored boot (4)			Color	Reference	Weight kg/lb
	Colored boot (4)			White	ZB4BP1S	0.034/0.075
				Black	ZB4BP2S	0.034/0.075
				Green	ZB4BP3S	0.034/0.075
				Red	ZB4BP4S	0.034/0.075
				Yellow	ZB4BP5S	0.034/0.075
				Blue	ZB4BP6S	0.034/0.075

109495



ZB4BP183

	Clear membrane (4) For insertion of protected legend within head (3)			White	ZB4BP183	0.026/0.057
				Green	ZB4BP383	0.026/0.057
				Red	ZB4BP483	0.026/0.057
				Yellow	ZB4BP583	0.026/0.057
				Blue	ZB4BP683	0.026/0.057

### Heads with black metal bezel

To order, add a figure 7 to the references selected from above.

Example: ZB4BP18 becomes ZB4BP187.

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) Permissible panel thickness Ø 1 to 5 mm/0.039 to 0.197 in., cannot be used with legend holders.

(3) To order a legend for insertion within the head, see page 57.












(4) Replacement of silicone protection element without dismantling head, see page 51.

Assembly of other products using:  
body/contact assemblies: see page 38  
accessories: see page 50

## Control and signaling units Ø 22

Harmony® XB4, metal

Spring return pushbuttons, with marking

Pushbuttons with flush or projecting push (1)							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
Shape of head	Type of push	Type of contact		Marking Text (color)	Color of push	Reference	Weight kg/lb
		 N/O	 N/C				
<b>Complete units</b>							
	Flush	1	–	"I" (white)	Green	<b>XB4BA3311</b> (ZB4BZ101 + ZB4BA331)	0.080/0.176
	Flush	–	1	"O" (white)	Red	<b>XB4BA4322</b> (ZB4BZ102 + ZB4BA432)	0.080/0.176
	Projecting	1	1	"O" (white)	Red	<b>XB4BL4325 ▲</b> (ZB4BZ105 + ZB4BL432)	0.080/0.176
	Flush (2)	1	–	↑ (black)	White	<b>XB4BA3341</b> (ZB4BZ101 + ZB4BA334)	0.080/0.176
	Flush (2)	1	–	↓ (white)	Black	<b>XB4BA3351</b> (ZB4BZ101 + ZB4BA335)	0.080/0.176
<b>Heads only</b>							
	Flush			"I" (white)	Green	<b>ZB4BA331</b>	0.029/0.064
				"I" (black)	White	<b>ZB4BA131</b>	0.029/0.064
				"II" (white)	Green	<b>ZB4BA336</b>	0.029/0.064
				"II" (black)	White	<b>ZB4BA136</b>	0.029/0.064
				"START" (white)	Green	<b>ZB4BA333</b>	0.029/0.064
				"START" (black)	White	<b>ZB4BA133</b>	0.029/0.064
				"ON" (white)	Green	<b>ZB4BA341</b>	0.029/0.064
				"ON" (black)	White	<b>ZB4BA141</b>	0.029/0.064
				"MARCHE" (white)	Green	<b>ZB4BA342</b>	0.029/0.064
				"MARCHE" (black)	White	<b>ZB4BA142</b>	0.029/0.064
				 (white)	Black	<b>ZB4BA245</b>	0.029/0.064
				 (black)	White	<b>ZB4BA145</b>	0.029/0.064
				"O" (white)	Red	<b>ZB4BA432</b>	0.029/0.064
					Black	<b>ZB4BA232</b>	0.029/0.064
				"ARRET" (white)	Red	<b>ZB4BA433</b>	0.029/0.064
					Black	<b>ZB4BA233</b>	0.029/0.064
				"STOP" (white)	Red	<b>ZB4BA434</b>	0.029/0.064
					Black	<b>ZB4BA234</b>	0.029/0.064
				"OFF" (white)	Red	<b>ZB4BA435</b>	0.029/0.064
					Black	<b>ZB4BA235</b>	0.029/0.064
		↑ (black) (2)	White	<b>ZB4BA334</b>	0.029/0.064		
		↓ (white) (2)	Black	<b>ZB4BA335</b>	0.029/0.064		
	Projecting			"O" (white)	Red	<b>ZB4BL432</b>	0.030/0.066
					Black	<b>ZB4BL232</b>	0.030/0.066
				"ARRET" (white)	Red	<b>ZB4BL433</b>	0.030/0.066
					Black	<b>ZB4BL233</b>	0.030/0.066
				"STOP" (white)	Red	<b>ZB4BL434</b>	0.030/0.066
					Black	<b>ZB4BL234</b>	0.030/0.066
				"OFF" (white)	Red	<b>ZB4BL435</b>	0.030/0.066
					Black	<b>ZB4BL235</b>	0.030/0.066

### Heads with black metal bezel

To order, add a figure 7 to the references selected from above.  
Example: **ZB4BA331** becomes **ZB4BA3317**.

- (1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.  
(2) Product supplied with cap not clipped-in, allowing orientation through 360° in 90° steps.

▲ Available: 4<sup>th</sup> quarter 2012.

General:  
page 4








Assembly of other products using:  
body/contact assemblies: see page 38  
combined sub-assemblies: see page 44  
accessories: see page 50

## Control and signaling units Ø 22

### Harmony® XB4, metal

Illuminated pushbuttons, spring return, with integral LED

Illuminated pushbuttons with flush push (1)									
Screw clamp terminal connections (Schneider Electric anti-loosening system)									
Shape of head	Description	Type of contact		Supply voltage V	Color of push	Reference	Weight kg/lb		
		 N/O	 N/C						
<b>Complete units - With plain lens</b>									
 XB4BW33B5		Integral LED	1	1	~ 24 50/60 Hz	White	<b>XB4BW31B5</b> (ZB4BW0B15 + ZB4BW313)	0.097/0.214	
						Green	<b>XB4BW33B5</b> (ZB4BW0B35 + ZB4BW333)	0.097/0.214	
						Red	<b>XB4BW34B5</b> (ZB4BW0B45 + ZB4BW343)	0.097/0.214	
						Orange	<b>XB4BW35B5</b> (ZB4BW0B55 + ZB4BW353)	0.097/0.214	
						Blue	<b>XB4BW36B5</b> (ZB4BW0B65 + ZB4BW363)	0.097/0.214	
						White	<b>XB4BW31G5</b> (ZB4BW0G15 + ZB4BW313)	0.097/0.214	
					~ 110...120 50/60 Hz	Green	<b>XB4BW33G5</b> (ZB4BW0G35 + ZB4BW333)	0.097/0.214	
						Red	<b>XB4BW34G5</b> (ZB4BW0G45 + ZB4BW343)	0.097/0.214	
						Orange	<b>XB4BW35G5</b> (ZB4BW0G55 + ZB4BW353)	0.097/0.214	
						Blue	<b>XB4BW36G5</b> (ZB4BW0G65 + ZB4BW363)	0.097/0.214	
						~ 230...240 50/60 Hz	White	<b>XB4BW31M5</b> (ZB4BW0M15 + ZB4BW313)	0.097/0.214
							Green	<b>XB4BW33M5</b> (ZB4BW0M35 + ZB4BW333)	0.097/0.214
Red	<b>XB4BW34M5</b> (ZB4BW0M45 + ZB4BW343)	0.097/0.214							
Orange	<b>XB4BW35M5</b> (ZB4BW0M55 + ZB4BW353)	0.097/0.214							
Blue	<b>XB4BW36M5</b> (ZB4BW0M65 + ZB4BW363)	0.097/0.214							
 XB4BW34G5									

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

Assembly of other products using:  
combined sub-assemblies: see page 44  
accessories: see page 50

814234



ZB4BW333

814235







ZB4BW563

814236



ZB4BW113



#### Illuminated pushbuttons with flush push (1)

Shape of head	Type of push	Color	Reference	Weight kg/lb
<b>Heads only (2) - With plain lens</b>				
 Protected LED	Flush	White	ZB4BW313	0.026/0.057
		Green	ZB4BW333	0.026/0.057
		Red	ZB4BW343	0.026/0.057
		Orange	ZB4BW353	0.026/0.057
		Blue	ZB4BW363	0.026/0.057
 Protected LED	Flush with illuminated ring	White	ZB4BW913	0.026/0.057
		Green	ZB4BW933	0.026/0.057
		Red	ZB4BW943	0.026/0.057
		Orange	ZB4BW953	0.026/0.057
		Blue	ZB4BW963	0.026/0.057
 Protected LED	Flush with clear boot (IP 69K)	White	ZB4BW513	0.031/0.068
		Green	ZB4BW533	0.031/0.068
		Red	ZB4BW543	0.031/0.068
		Orange	ZB4BW553	0.031/0.068
		Blue	ZB4BW563	0.031/0.068
 Protected LED	Flush for insertion of legend (3) (IP 69K)	White	ZB4BA18	0.028/0.062
		Green	ZB4BA38	0.028/0.062
		Red	ZB4BA48	0.028/0.062
		Orange	ZB4BA58	0.028/0.062
		Blue	ZB4BA68	0.028/0.062

#### Heads only (2) - With grooved lens (4)

 Protected LED	Flush	White	ZB4BW313S	0.026/0.057
		Green	ZB4BW333S	0.026/0.057
		Red	ZB4BW343S	0.026/0.057
		Orange	ZB4BW353S	0.026/0.057
		Blue	ZB4BW363S	0.026/0.057

#### Illuminated pushbuttons with projecting push (1)

Shape of head	Type of push	Color	Reference	Weight kg/lb
<b>Heads only (2) - With plain lens</b>				
 Protected LED	Projecting	White	ZB4BW113	0.029/0.064
		Green	ZB4BW133	0.029/0.064
		Red	ZB4BW143	0.029/0.064
		Orange	ZB4BW153	0.029/0.064
		Blue	ZB4BW163	0.029/0.064
 Protected LED	Projecting	White	ZB4BW113S	0.026/0.057
		Green	ZB4BW133S	0.026/0.057
		Red	ZB4BW143S	0.026/0.057
		Orange	ZB4BW153S	0.026/0.057
		Blue	ZB4BW163S	0.026/0.057

#### Heads with black metal bezel

To order, add a figure 7 to the references selected from above.

Example 1: ZB4BW313 becomes ZB4BW3137.

Example 2: ZB4BW313S becomes ZB4BW313S7.

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) Only for use with bodies comprising a light source with integral LED.






(3) For legend ordering information, see page 57.

(4) For use in bright ambient light conditions (for example, outdoors in sunlight).

Assembly of other products using:  
combined sub-assemblies: see page 44  
accessories: see page 50

## Control and signaling units Ø 22

Harmony® XB4, metal  
Illuminated pushbuttons, spring return,  
with BA 9s base fitting

Illuminated pushbuttons with flush push <sup>(1)</sup>							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
Shape of head	Description	Type of contact		Supply voltage V	Color of push	Reference	Weight kg/lb
		N/O	N/C				
<b>Complete units - With plain lens</b>							
 550983 XB4BW3545	Direct supply for bulb with BA 9s base fitting, 2.4 W max (bulb not included)	1	1	≤ 250	White	<b>XB4BW3165</b> (ZB4BW065 + ZB4BW31)	0.097/0.214
					Green	<b>XB4BW3365</b> (ZB4BW065 + ZB4BW33)	0.097/0.214
					Red	<b>XB4BW3465</b> (ZB4BW065 + ZB4BW34)	0.097/0.214
					Orange	<b>XB4BW3565</b> (ZB4BW065 + ZB4BW35)	0.097/0.214
	Via integral transformer 1.2 VA, 6 V secondary, incandescent bulb with BA 9s base fitting (bulb included)	1	1	~110...120 50/60 Hz	White	<b>XB4BW3135</b> (ZB4BW035 + ZB4BW31)	0.169/0.373
					Green	<b>XB4BW3335</b> (ZB4BW035 + ZB4BW33)	0.169/0.373
					Red	<b>XB4BW3435</b> (ZB4BW035 + ZB4BW34)	0.169/0.373
					Orange	<b>XB4BW3535</b> (ZB4BW035 + ZB4BW35)	0.169/0.373
				~ 230 50 Hz ~220...240 60 Hz	White	<b>XB4BW3145</b> (ZB4BW045 + ZB4BW31)	0.170/0.375
					Green	<b>XB4BW3345</b> (ZB4BW045 + ZB4BW33)	0.170/0.375
					Red	<b>XB4BW3445</b> (ZB4BW045 + ZB4BW34)	0.170/0.375
					Orange	<b>XB4BW3545</b> (ZB4BW045 + ZB4BW35)	0.170/0.375
<b>Heads only <sup>(2)</sup> - With plain lens</b>							
 814237 ZB4BW33	Flush				White	<b>ZB4BW31</b>	0.027/0.060
					Green	<b>ZB4BW33</b>	0.027/0.060
					Red	<b>ZB4BW34</b>	0.027/0.060
					Orange	<b>ZB4BW35</b>	0.027/0.060
					Blue	<b>ZB4BW36</b>	0.027/0.060
					Clear	<b>ZB4BW37</b>	0.027/0.060
<b>Heads only <sup>(2)</sup> - With grooved lens <sup>(3)</sup></b>							
	Flush				White	<b>ZB4BW31S</b>	0.027/0.060
					Green	<b>ZB4BW33S</b>	0.027/0.060
					Red	<b>ZB4BW34S</b>	0.027/0.060
					Orange	<b>ZB4BW35S</b>	0.027/0.060
					Blue	<b>ZB4BW36S</b>	0.027/0.060
					Clear	<b>ZB4BW37S</b>	0.027/0.060
<b>Illuminated pushbuttons with projecting push <sup>(1)</sup></b>							
<b>Heads only <sup>(2)</sup> - With plain lens</b>							
 814238 ZB4BW14	Projecting				White	<b>ZB4BW11</b>	0.028/0.062
					Green	<b>ZB4BW13</b>	0.028/0.062
					Red	<b>ZB4BW14</b>	0.028/0.062
					Orange	<b>ZB4BW15</b>	0.028/0.062
					Blue	<b>ZB4BW16</b>	0.028/0.062
					Clear	<b>ZB4BW17</b>	0.028/0.062
<b>Heads only <sup>(2)</sup> - With grooved lens <sup>(3)</sup></b>							
	Projecting				White	<b>ZB4BW11S</b>	0.027/0.060
					Green	<b>ZB4BW13S</b>	0.027/0.060
					Red	<b>ZB4BW14S</b>	0.027/0.060
					Orange	<b>ZB4BW15S</b>	0.027/0.060
					Blue	<b>ZB4BW16S</b>	0.027/0.060
					Clear	<b>ZB4BW17S</b>	0.027/0.060
<b>Heads with black metal bezel</b>							

To order, add a figure 7 to the references selected from above.

Example: **ZB4BW31** becomes **ZB4BW317**. Example 2: **ZB4BW31S** becomes **ZB4BW31S7**.

<sup>(1)</sup> Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

<sup>(2)</sup> Only for use with bodies comprising a light source with BA9s base fitting bulb (incandescent, neon or LED).

<sup>(3)</sup> For use in bright ambient light conditions (for example, outdoors in sunlight).

User assembly of other units, using:  
body-contact assemblies: see page 38  
combined sub-assemblies: see page 44



Double-headed pushbuttons <sup>(1)</sup>						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Shape of head	Description	Type of contact		Color and marking of caps <sup>(2)</sup>	Reference	Weight kg/lb
		N/O	N/C			

Complete units						
	2 pushes (1 flush black + 1 projecting red)	1	1	White "I" on green background White "0" on red background	<b>XB4BL73415</b>	0.116/0.256

Heads only						
	2 flush black pushes			White background + black background, unmarked	<b>ZB4BA7120</b>	0.056/0.123
				Black "I" on white background White "0" on black background	<b>ZB4BA7121</b>	0.056/0.123
				Green background + red background, unmarked	<b>ZB4BA7340</b>	0.056/0.123
				White "I" on green background White "0" on red background	<b>ZB4BA7341</b>	0.056/0.123
				Without cap <sup>(3)</sup>	<b>ZB4BA79</b>	0.056/0.123

	1 flush black push 1 projecting red push			Green background + red background, unmarked	<b>ZB4BL7340</b>	0.056/0.123
				White "I" on green background White "0" on red background	<b>ZB4BL7341</b>	0.056/0.123

Double-headed pushbuttons + 1 white central pilot light block <sup>(1)</sup>							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
Shape of head	Description	Type of contact		Color and marking of caps <sup>(2)</sup>	Pilot light voltage V	Reference	Weight kg/lb
		N/O	N/C				

Complete units							
	1 flush black push 1 projecting red push 1 white central pilot light block	1	1	White "I" on green background White "0" on red background	24	<b>XB4BW73731B5</b>	0.130/0.287
					120	<b>XB4BW73731G5</b>	0.130/0.287
					240	<b>XB4BW73731M5</b>	0.130/0.287

Heads only <sup>(5)</sup>							
	2 flush black pushes 1 clear central pilot light <sup>(4)</sup>			White background + black background, unmarked		<b>ZB4BW7A1720</b>	0.056/0.123
				Black "I" on white background White "0" on black background		<b>ZB4BW7A1721</b>	0.056/0.123
				Green background + red background, unmarked		<b>ZB4BW7A3740</b>	0.056/0.123
				White "I" on green background White "0" on red background		<b>ZB4BW7A3741</b>	0.056/0.123
				Black "I" on white background White "0" on black background		<b>ZB4BW7A1724</b>	0.056/0.123
				Black "+" on white background Black "-" on white background		<b>ZB4BW7A1715</b>	0.056/0.123
				Without cap <sup>(3)</sup>		<b>ZB4BW7A9</b>	0.056/0.123

	1 flush black push 1 projecting red push 1 clear central pilot light <sup>(4)</sup>			Green background + red background, unmarked		<b>ZB4BW7L3740</b>	0.056/0.123
				White "I" on green background White "0" on red background		<b>ZB4BW7L3741</b>	0.056/0.123

### Heads with black metal bezel




To order, add the suffix 7 to the references selected above. Example: **ZB4BA7120** becomes **ZB4BA71207**.

- (1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.
- (2) These caps are fitted by Schneider Electric and cannot be removed (risk of damage).
- (3) Caps to be ordered separately; see page opposite.
- (4) Color of centrally positioned pilot light determined by the color of the LED incorporated in the body sub-assembly.
- (5) Only for use with bodies comprising a light source with integral LED.


User assembly of other units, using:  
body-contact assemblies: see page 38  
combined sub-assemblies: see page 44

#### Triple-headed pushbuttons (1) (2)


Screw clamp terminal connections (Schneider Electric anti-loosening system)

Shape of head	Description	Type of contact			Color and marking of caps (3)	Reference	Weight kg/lb
							
		N/O	N/C	N/O			

#### Complete units

	2 flush black pushes + 1 central projecting red push marked "Stop" in white	1	1	1	White "I" on green background White "II" on green background	<b>XB4BA731327</b>	0.128/0.282
					Black "→" on white background White "←" on black background	<b>XB4BA711237</b>	0.128/0.282

#### Heads only

	2 flush black pushes + 1 central projecting red push marked "Stop" in white				White "I" on green background White "II" on green background	<b>ZB4BA73132</b>	0.056/0.123
					White "←" on green background White "→" on green background	<b>ZB4BA73133</b>	0.056/0.123
					White "↑" on green background White "↓" on green background	<b>ZB4BA73134</b>	0.056/0.123
					White "+" on green background White "-" on green background	<b>ZB4BA73135</b>	0.056/0.123
					Black "+" on white background Black "-" on white background	<b>ZB4BA71115</b>	0.056/0.123
					Black "→" on white background White "←" on black background	<b>ZB4BA71123</b>	0.056/0.123
					Black "↑" on white background White "↓" on black background	<b>ZB4BA71124</b>	0.056/0.123
					White "↑" on black background White "↓" on black background	<b>ZB4BA72124</b>	0.056/0.123
					Without cap (4)	<b>ZB4BA791</b>	0.056/0.123

#### Specific accessories for multiple-headed pushbuttons

Description	Background color	Marking	Sold in lots of	Reference	Weight kg/lb	
Caps only for clip-on mounting (5) on: - ZB4BA79 double-headed pushbuttons - ZB4BW7A9 double-headed pushbuttons + central pilot light block - ZB4BA791 triple-headed pushbuttons	White	Unmarked	10	<b>ZBA71</b>	0.010/0.022	
		"I" black	10	<b>ZBA7131</b>	0.010/0.022	
		"→" black	10	<b>ZBA7134</b>	0.010/0.022	
		"+" black	10	<b>ZBA7138</b>	0.010/0.022	
	Black	Unmarked	10	<b>ZBA72</b>	0.010/0.022	
		"O" white	10	<b>ZBA7232</b>	0.010/0.022	
		"+" white	10	<b>ZBA7233</b>	0.010/0.022	
		"→" white	10	<b>ZBA7235</b>	0.010/0.022	
			"I" white	10	<b>ZBA7237</b>	0.010/0.022
	Green	Unmarked	10	<b>ZBA73</b>	0.010/0.022	
		"I" white	10	<b>ZBA7331</b>	0.010/0.022	
		"+" white	10	<b>ZBA7333</b>	0.010/0.022	
"↑" white		10	<b>ZBA7335</b>	0.010/0.022		
		"II" white	10	<b>ZBA7336</b>	0.010/0.022	
Red	Unmarked	10	<b>ZBA74</b>	0.010/0.022		
	"O" white	10	<b>ZBA7432</b>	0.010/0.022		
Yellow	Unmarked	10	<b>ZBA75</b>	0.010/0.022		
Blue	Unmarked	10	<b>ZBA76</b>	0.010/0.022		

Clear silicone boots (6)	For 2 flush pushes	–	10	<b>ZBA708</b>	0.055/0.121
	For 3 pushes	–	10	<b>ZBA709</b>	0.055/0.121
	For 1 flush push + 1 projecting push	–	10	<b>ZBA710</b>	0.055/0.121

#### Heads with black metal bezel

To order, add the suffix 7 to the references selected above.

Example: **ZB4BA73132** becomes **ZB4BA731327**.

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) Not compatible with high power switching contacts and contacts for printed circuit board.

(3) These caps are fitted by Schneider Electric and cannot be removed (risk of damage).

(4) Caps to be ordered separately: see accessories on this page.

(5) Can be clipped-in at 90° steps, through 360°.

(6) Can be replaced without dismantling the head.



XB4BA731327



ZB4BA73133



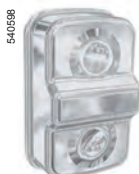
ZB4BA71124



ZBA7235



ZBA7432



ZBA709

Assembly of other products using:  
body/contact assemblies: see page 38  
accessories: see page 50



XB4BC21



ZB4BC24



ZB4BC2



ZB4BR2



ZB4BR216



ZB4BW443

### Mushroom head pushbuttons (1) (2)

Screw clamp terminal connections (Schneider Electric anti-loosening system)

Shape of head	Type of push	Type of contact		Push Ø (mm/in.)	Color	Reference	Weight kg/lb
		N/O	N/C				

#### Complete units

	Mushroom head	1	–	40/1.575	Black	<b>XB4BC21</b> (ZB4BZ101 + ZB4BC2)	0.122/0.269
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#### Heads only

	Mushroom head			30/1.181	Black	<b>ZB4BC24</b>	0.075/0.165
					Green	<b>ZB4BC34</b>	0.075/0.165
					Red	<b>ZB4BC44</b>	0.075/0.165
					Yellow	<b>ZB4BC54</b>	0.075/0.165
					Blue	<b>ZB4BC64</b>	0.075/0.165
				40/1.575	Black	<b>ZB4BC2</b>	0.074/0.163
					Green	<b>ZB4BC3</b>	0.074/0.163
					Red	<b>ZB4BC4</b>	0.074/0.163
					Yellow	<b>ZB4BC5</b>	0.074/0.163
					Blue	<b>ZB4BC6</b>	0.074/0.163
				60/2.362	Black	<b>ZB4BR2</b>	0.093/0.205
					Green	<b>ZB4BR3</b>	0.093/0.205
					Red	<b>ZB4BR4</b>	0.093/0.205
					Yellow	<b>ZB4BR5</b>	0.093/0.205
					Blue	<b>ZB4BR6</b>	0.093/0.205
				60/2.362 (3)	Black	<b>ZB4BR216</b>	0.054/0.119
				Hemispherical	Green	<b>ZB4BR316</b>	0.054/0.119
					Red	<b>ZB4BR416</b>	0.054/0.119
					Yellow	<b>ZB4BR516</b>	0.054/0.119
					Blue	<b>ZB4BR616</b>	0.054/0.119

### Illuminated mushroom head pushbuttons (1) (2)

Integral LED

Shape of head	Type of push	Push Ø (mm/in.)	Color	Reference	Weight kg/lb
	Mushroom head	40/1.575	White	<b>ZB4BW413</b>	0.051/0.112
			Green	<b>ZB4BW433</b>	0.051/0.112
			Red	<b>ZB4BW443</b>	0.051/0.112
			Orange	<b>ZB4BW453</b>	0.051/0.112
			Blue	<b>ZB4BW463</b>	0.051/0.112

Protected  
LED

### Heads with black metal bezel





To order, add a figure 7 to the references selected above.  
Example: **ZB4BC24** becomes **ZB4BC247**.

- (1) These pushbuttons and heads cannot be used for an Emergency Stop function. Therefore, it is recommended that a legend with a black or white background is used.
- (2) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.
- (3) Ergonomic product used in two-handed control applications. Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head: 6.
- (4) Only for use with bodies comprising a light block with integral LED.

Assembly of other products using:  
body/contact assemblies: see page 38  
accessories: see page 50

## Control and signaling units Ø 22 Harmony® XB4, metal Mushroom head pushbuttons, latching

### Mushroom head pushbuttons (1) (2)

Shape of head	Type of reset	Push Ø (mm/in.)	Color	Reference	Weight kg/lb
<b>Heads only</b>					
	Push-pull	40/1.575	Black	<b>ZB4BT2</b>	0.077/0.170
		60/2.362	Black	<b>ZB4BX2</b>	0.095/0.209
	Turn to release	30/1.181	Black	<b>ZB4BS42</b>	0.066/0.146
		40/1.575	Black	<b>ZB4BS52</b>	0.070/0.154
		40/1.575	Yellow	<b>ZB4BS55</b>	0.070/0.154
		60/2.362	Black	<b>ZB4BS62</b>	0.090/0.198
	Key release (key n° 455) (2 keys included with head) (3)  (5)	30/1.181	Black	<b>ZB4BS72</b>	0.066/0.146
		40/1.575	Black	<b>ZB4BS12 (4)</b>	0.070/0.154
		60/2.362	Black	<b>ZB4BS22</b>	0.090/0.198

110130

ZB4BT2

523765


ZB4BS62

523766

ZB4BS72


### Illuminated mushroom head pushbuttons (1) (2)

#### Integral LED

Shape of head	Type of reset	Push Ø (mm/in.)	Color	Reference	Weight kg/lb
<b>Heads only</b>					
	Mushroom head	40/1.575	White	<b>ZB4BW613</b>	0.051/0.112
			Green	<b>ZB4BW633</b>	0.051/0.112
			Orange	<b>ZB4BW653</b>	0.051/0.112
			Blue	<b>ZB4BW663</b>	0.051/0.112

### Heads with black metal bezel

To order, add a figure 7 to the references selected above.  
Example: **ZB4BT2** becomes **ZB4BT27**.

- (1) These pushbuttons and heads cannot be used for an Emergency Stop function.  
Therefore, it is recommended that a legend with a black or white background is used.
- (2) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.
- (3) For specific keys with other numbers, please consult our Customer Care Centre.
- (4) Other key numbers:
  - key n° 421E: add suffix **12** to the reference.
  - key n° 458A: add suffix **10** to the reference.
  - key n° 520E: add suffix **14** to the reference.
  - key n° 3131A: add suffix **20** to the reference.
 Example: To order a Ø 40 black mushroom head for a latching pushbutton, with release by key n° 421E, the reference becomes: **ZB4BS1212**.
- (5) The symbol  indicates key withdrawal position(s).

Assembly of other products using:  
body/contact assemblies: see page 38  
accessories: see pages 57 and 58

## Control and signaling units Ø 22

Harmony® XB4, metal

Emergency stop devices



Conforming to EN/IEC 60204-1 and

EN/ISO 13850 and Machinery Directive 2006/42/EC







Mushroom head Emergency stop trigger action and mechanical latching pushbuttons conform to standards EN/IEC 60204-1 and EN/ISO 13850, to Machinery Directive 2006/42/EC and to standard EN/IEC 60947-5-5. Please consult our Customer Care Centre for a full explanation of these standards and directives.

### Emergency stop trigger action and mechanical latching pushbuttons (1) (2)





Screw clamp terminal connections (Schneider Electric anti-loosening system)

Shape of head	Type of reset	Type of contact		Push		Reference	Weight kg/lb
				Ø (mm/in.)	Color		
		N/O	N/C				

#### Complete units

 XB4BT845		Push-pull	1	1	40/1.575	Red	<b>XB4BT845</b> (ZB4BZ105 + ZB4BT84)	0.136/0.300
		Turn to release	1	1	40/1.575	Red	<b>XB4BS8445</b> (ZB4BZ105 + ZB4BS844)	0.130/0.287
			–	2	40/1.575	Red	<b>XB4BS8444</b> (ZB4BZ104 + ZB4BS844)	0.130/0.287
			1	2	40/1.575	Red	<b>XB4BS84441</b> (ZB4BZ141 + ZB4BS844)	0.140/0.309/1.575
 XB4BS9445		Key release (key n° 455)  (3)	1	1	40/1.575	Red	<b>XB4BS9445</b> (ZB4BZ105 + ZB4BS944)	0.170/0.375

#### Heads only

Shape of head	Type of reset	Push		Reference	Weight kg/lb
		Ø mm/in.	Color		
	Push-pull	30/1.181	Red	<b>ZB4BT844</b>	0.078/0.172
		40/1.575	Red	<b>ZB4BT84</b>	0.078/0.172
		60/2.362	Red	<b>ZB4BX84</b>	0.098/0.216
	Turn to release	30/1.181	Red	<b>ZB4BS834</b>	0.068/0.150
		40/1.575	Red	<b>ZB4BS844</b>	0.073/0.161
		60/2.362	Red	<b>ZB4BS864</b>	0.093/0.205
	Key release (key n° 455) 2 keys included with head (5)  (3)	30/1.181	Red	<b>ZB4BS934</b>	0.094/0.207
		40/1.575	Red	<b>ZB4BS944 (4)</b>	0.098/0.216
		60/2.362	Red	<b>ZB4BS964</b>	0.118/0.260

#### Bellows for harsh environments (IP 69K) (6)


For use in	Material	Color	Sold in lots of	Unit reference	Weight kg/lb
Environments subject to humidity, dust, high pressure cleaning, etc.	Silicone	Red	2	<b>ZBZ48</b>	0.009/0.020
	EPDM	Black	2	<b>ZBZ28</b>	0.009/0.020
		Yellow	2	<b>ZBZ58</b>	0.009/0.020

#### Heads with black metal bezel

To order, add a figure 7 to the references selected above.  
Example: **ZB4BT844** becomes **ZB4BT8447**.

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) It is recommended that a legend or yellow background is used.

(3) The symbol  indicates key withdrawal position(s).

(4) Other key numbers:

- key n° 421E: add suffix **12** to the reference.
- key n° 458A: add suffix **10** to the reference.
- key n° 520E: add suffix **14** to the reference.
- key n° 3131A: add suffix **20** to the reference.
- key n° 4A185: add suffix **D** to the reference.

Example: To order a Ø 40 red mushroom head for a trigger action and mechanical latching Emergency stop pushbutton, with release by key n° 421E, the reference becomes: **ZB4BS94412**.

(5) For specific keys with other numbers, please consult our Customer Care Centre.

(6) Not compatible with Ø 30 pushbutton.





Assembly of other products using:  
 body/contact assemblies: see page 38  
 combined sub-assemblies: see page 44  
 accessories: see pages 57 and 58

Mushroom head switching off mechanical latching pushbuttons conform to standards IEC 60364-5-53 and EN/IEC 60947-5-5. Please consult our Customer Care Centre for a full explanation of these standards and directives.

#### Emergency switching off, mechanical latching pushbuttons <sup>(1)</sup> <sup>(2)</sup>




##### Screw clamp terminal connections (Schneider Electric anti-loosening system)

Shape of head	Type of reset	Type of contact		Push		Reference	Weight kg/lb
		 N/O	 N/C	Ø mm/in.	Color		

#### Complete units




XB4BS542

	Push-pull	–	1	40/1.575	Red	<b>XB4BT42</b> (ZB4BZ102 + ZB4BT4)	0.125/0.276
	Turn to release	–	1	40/1.575	Red	<b>XB4BS542</b> (ZB4BZ102 + ZB4BS54)	0.118/0.260
	Key release (key n° 455)	–	1	40/1.575	Red	<b>XB4BS142</b> (ZB4BZ102 + ZB4BS14)	0.133/0.293

#### Heads only




ZB4BT4

	Push-pull			30/1.181	Red	<b>ZB4BT44</b>	0.077/0.170
				40/1.575	Red	<b>ZB4BT4</b>	0.077/0.170
				60/2.362	Red	<b>ZB4BX4</b>	0.095/0.209




ZB4BS64

	Turn to release			30/1.181	Red	<b>ZB4BS44</b>	0.066/0.146
				40/1.575	Red	<b>ZB4BS54</b>	0.070/0.154
				60/2.362	Red	<b>ZB4BS64</b>	0.090/0.198



ZB4BS74


	Key release (key n° 455) 2 keys included with head <sup>(5)</sup>			30/1.181	Red	<b>ZB4BS74</b>	0.066/0.146
				40/1.575	Red	<b>ZB4BS14 <sup>(4)</sup></b>	0.070/0.154
				60/2.362	Red	<b>ZB4BS24</b>	0.090/0.198

#### Illuminated Emergency switching off, mechanical latching pushbuttons <sup>(1)</sup>

##### Screw clamp terminal connections (Schneider Electric anti-loosening system)

Shape of head	Type of reset	Push		Reference	Weight kg/lb
		Ø mm/in.	Color		

#### Heads only <sup>(6)</sup>


	Push-pull	40/1.575	Red	<b>ZB4BW643</b>	0.051/0.112
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#### Heads with black metal bezel

To order, add a figure 7 to the references selected above.  
 Example: **ZB4BT4** becomes **ZB4BT47**.

<sup>(1)</sup> Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

<sup>(2)</sup> It is recommended that a legend or yellow background is used.

<sup>(3)</sup> The symbol  indicates key withdrawal position(s).

<sup>(4)</sup> Other key numbers:

- key n° 421E: add suffix 12 to the reference.

- key n° 458A: add suffix 10 to the reference.

- key n° 520E: add suffix 14 to the reference.

- key n° 3131A: add suffix 20 to the reference.



Example: To order a Ø 40 mm/1.575 in. red mushroom head for a mechanical latching Emergency switching off pushbutton, with release by key n° 421E, the reference becomes: **ZB4BS1412**.

<sup>(5)</sup> For specific keys with other numbers, please consult our Customer Care Centre.

<sup>(6)</sup> Only for use with bodies comprising a light source with integral LED.

Assembly of other products using:  
body/contact assemblies: see page 38  
accessories: see page 50

#### Pushbuttons with flush push (1)


Shape of head	Type of push	Color of push	Reference	Weight kg/lb
<b>Heads only</b>				
	Without cap (2)	–	<b>ZB4BH0</b>	0.028/0.062
	Flush	White	<b>ZB4BH01</b>	0.029/0.064
		Black	<b>ZB4BH02</b>	0.029/0.064
		Green	<b>ZB4BH03</b>	0.029/0.064
		Red	<b>ZB4BH04</b>	0.029/0.064
		Yellow	<b>ZB4BH05</b>	0.029/0.064
		Blue	<b>ZB4BH06</b>	0.029/0.064

814154



ZB4BH02

#### Pushbuttons with projecting push (1)

Shape of head	Type of push	Color of push	Reference	Weight kg/lb
<b>Heads only</b>				
	Projecting	White	<b>ZB4BH1</b>	0.029/0.064
		Black	<b>ZB4BH2</b>	0.029/0.064
		Green	<b>ZB4BH3</b>	0.029/0.064
		Red	<b>ZB4BH4</b>	0.029/0.064
		Yellow	<b>ZB4BH5</b>	0.029/0.064
		Blue	<b>ZB4BH6</b>	0.029/0.064

523792



ZB4BH6

#### Heads with black metal bezel

To order, add a figure 7 to the references selected above.  
Example: **ZB4BH01** becomes **ZB4BH017**.

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) Caps to be ordered separately, see page 50.

Assembly of other products using:  
combined sub-assemblies: see page 44  
accessories: see page 50

## Control and signaling units Ø 22


### Harmony® XB4, metal

#### Illuminated pushbuttons, push-push, with integral LED

814249




ZB4BH033

Illuminated pushbuttons with flush push (1)				
Shape of head	Type of push	Color of lens	Reference	Weight kg/lb
<b>Heads only (2)</b>				
	Flush	White	ZB4BH013	0.026/0.057
		Green	ZB4BH033	0.026/0.057
		Red	ZB4BH043	0.026/0.057
		Orange	ZB4BH053	0.026/0.057
		Blue	ZB4BH063	0.026/0.057

814250



ZB4BH63

Illuminated pushbuttons with projecting push (1)				
Shape of head	Type of push	Color of lens	Reference	Weight kg/lb
<b>Heads only (2)</b>				
	Projecting	White	ZB4BH13	0.026/0.057
		Green	ZB4BH33	0.026/0.057
		Red	ZB4BH43	0.026/0.057
		Orange	ZB4BH53	0.026/0.057
		Blue	ZB4BH63	0.026/0.057

#### Heads with black metal bezel

To order, add a figure 7 to the references selected above.  
Example: ZB4BH013 becomes ZB4BH0137.

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) Only for use with bodies comprising a light source with integral LED.

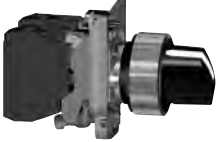





Assembly of other products using:  
body/contact assemblies: see page 38  
accessories: see page 50








## Control and signaling units Ø 22


Harmony® XB4, metal

Selector switches with standard handle

Selector switches with standard handle <sup>(1)</sup>						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Shape of head	Type of operator	Type of contact		Positions		Reference
		N/O	N/C	Number	Type	

Complete units							
	Standard handle, black	1	–	2-position 90°	Stay put	 <b>XB4BD21</b> (ZB4BZ101 + ZB4BD2)	0.095/0.209
		1	–		Spring return from right to left	 <b>XB4BD41</b> (ZB4BZ101 + ZB4BD4)	0.100/0.220
		1	1		Stay put	 <b>XB4BD25</b> (ZB4BZ105 + ZB4BD2)	0.095/0.209
		2	–	3-position ± 45°	Stay put	 <b>XB4BD33</b> (ZB4BZ103 + ZB4BD3)	0.095/0.209
					Spring return to centre	 <b>XB4BD53</b> (ZB4BZ103 + ZB4BD5)	0.095/0.209

Heads only							
	Standard handle, black			2-position 90°	Stay put	 <b>ZB4BD2</b>	0.040/0.088
					Spring return from right to left	 <b>ZB4BD4</b>	0.045/0.099
				3-position ± 45°	Stay put	 <b>ZB4BD3</b>	0.040/0.088
					Spring return to centre	 <b>ZB4BD5</b>	0.040/0.088
					Spring return from left to centre	 <b>ZB4BD7</b>	0.040/0.088
					Spring return from right to centre	 <b>ZB4BD8</b>	0.040/0.088

Heads only with other colored handles		
	Standard handle, white	add suffix <b>01</b> to the reference, example: <b>ZB4BD201</b>
	Standard handle, green	add suffix <b>03</b> to the reference, example: <b>ZB4BD203</b>
	Standard handle, red	add suffix <b>04</b> to the reference, example: <b>ZB4BD204</b>
	Standard handle, yellow	add suffix <b>05</b> to the reference, example: <b>ZB4BD205</b>
	Standard handle, blue	add suffix <b>06</b> to the reference, example: <b>ZB4BD206</b>

### Heads with black metal bezel

For heads with standard black handle only. To order, add the suffix 7 to the references selected from above.  
Example: **ZB4BD2** becomes **ZB4BD27**.




(1) Recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

Assembly of other products using:  
body/contact assemblies: see page 38  
accessories: see page 50

# Control and signaling units Ø 22

Harmony® XB4, metal

Selector switches with long handle: normal and padlockable

Selector switches with long handle <sup>(1)</sup>											
Screw clamp terminal connections (Schneider Electric anti-loosening system)											
Shape of head	Type of operator	Type of contact		Positions		Reference					
		N/O	N/C	Number	Type						
<b>Complete units</b>											
	Long handle, black	1	-	2-position 90°	Stay put	<b>XB4BJ21</b> (ZB4BZ101 + ZB4BJ2)	0.096/0.212				
				3-position ± 45°	Stay put	<b>XB4BJ33</b> (ZB4BZ103 + ZB4BJ3)	0.096/0.212				
					Spring return to centre	<b>XB4BJ53</b> (ZB4BZ103 + ZB4BJ5)	0.096/0.212				
<b>Heads only</b>											
	Long handle, black	1	-	2-position 90°	Stay put	<b>ZB4BJ2</b>	0.040/0.088				
					Spring return from right to left	<b>ZB4BJ4</b>	0.045/0.099				
				3-position ± 45°	Stay put	<b>ZB4BJ3</b>	0.040/0.088				
					Spring return to centre	<b>ZB4BJ5</b>	0.040/0.088				
					Spring return from left to centre	<b>ZB4BJ7</b>	0.040/0.088				
					Spring return from right to centre	<b>ZB4BJ8</b>	0.040/0.088				
					Long handle, padlockable (2)	1	-	2-position 90°	Stay put	<b>ZB4BJ291</b>	0.048/0.106
									Stay put	<b>ZB4BJ292</b>	0.048/0.106
Spring return from right to left	Stay put	<b>ZB4BJ294</b>	0.048/0.106								
	Spring return from right to left	<b>ZB4BJ491</b>	0.054/0.119								
	3-position ± 45°	Stay put	<b>ZB4BJ391</b>					0.048/0.106			
		Stay put	<b>ZB4BJ392</b>					0.048/0.106			
Stay put		<b>ZB4BJ393</b>	0.048/0.106								
Stay put		<b>ZB4BJ394</b>	0.048/0.106								
Stay put		<b>ZB4BJ395</b>	0.048/0.106								
Stay put		<b>ZB4BJ396</b>	0.048/0.106								
Spring return to centre	Spring return to centre	<b>ZB4BJ397</b>	0.048/0.106								
	Spring return to centre	<b>ZB4BJ593</b>	0.048/0.106								
Spring return from right to centre	Spring return from right to centre	<b>ZB4BJ891</b>	0.048/0.106								
	Spring return from right to centre	<b>ZB4BJ893</b>	0.048/0.106								
	Spring return from right to centre	<b>ZB4BJ895</b>	0.048/0.106								
Spring return from left to centre	Spring return from left to centre	<b>ZB4BJ792</b>	0.048/0.106								
	Spring return from left to centre	<b>ZB4BJ793</b>	0.048/0.106								
					<b>ZB4BJ796</b>	0.048/0.106					

### Heads with black metal bezel

To order, add a figure 7 to the references selected from above.

Example: **ZB4BJ2** becomes **ZB4BJ27**.

(1) Recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) The symbol o indicates the padlocking positions.

Assembly of other products using:  
body/contact assemblies: see page 38  
accessories: see page 50






## Control and signaling units Ø 22



















Harmony® XB4, metal

Key switches

Key n° 455, 421E, 458A, 520E, 3131A

Key switches (1) (2)						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Shape of head	Type of operator	Type of contact		Positions		Reference
		N/O	N/C	Number	Type	


Complete units							
	Key switch with key n° 455	1	-	2-position 90°	Stay put	 <b>XB4BG21</b> (ZB4BZ101 + ZB4BG2)	0.153/0.337
					Spring return to left	 <b>XB4BG41</b> (ZB4BZ101 + ZB4BG4)	0.153/0.337
		2	-	3-position ± 45°	Stay put	 <b>XB4BG03</b> (ZB4BZ103 + ZB4BG0)	0.153/0.337
						 <b>XB4BG33</b> (ZB4BZ103 + ZB4BG3)	0.153/0.337

Heads only										
	Key switch with key n° 455 (3) (4)	2-position 90°		2-position 90°	Stay put	 <b>ZB4BG2</b>	0.098/0.216			
						 <b>ZB4BG02</b>	0.098/0.216			
						 <b>ZB4BG4</b>	0.098/0.216			
					Spring return from right to left	 <b>ZB4BG6</b>	0.098/0.216			
					3-position ± 45°		3-position ± 45°	Stay put	 <b>ZB4BG0</b>	0.098/0.216
									 <b>ZB4BG03</b>	0.098/0.216
									 <b>ZB4BG04</b>	0.098/0.216
									 <b>ZB4BG3</b>	0.098/0.216
			 <b>ZB4BG5</b>	0.098/0.216						
			 <b>ZB4BG9</b>	0.098/0.216						
			 <b>ZB4BG09</b>	0.098/0.216						
		Spring return from left to centre	 <b>ZB4BG1</b>	0.098/0.216						
			 <b>ZB4BG01</b>	0.098/0.216						
		Spring return to centre	 <b>ZB4BG7</b>	0.098/0.216						
		Spring return from right to centre	 <b>ZB4BG8</b>	0.098/0.216						
			 <b>ZB4BG05</b>	0.098/0.216						
	 <b>ZB4BG08</b>	0.098/0.216								

### Heads with black metal bezel

To order, add a figure 7 to the references selected from above. Example: **ZB4BG2** becomes **ZB4BG27**.

(1) Recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) The symbol  indicates key withdrawal position(s).

(3) Other key numbers:

- key n° 421E: add suffix **12** to the reference.
- key n° 458A: add suffix **10** to the reference.
- key n° 520E: add suffix **14** to the reference.
- key n° 3131A: add suffix **20** to the reference.

Example: For a switch head with key n° 421E, 2-position stay put, with key withdrawal from the left-hand position, the reference becomes: **ZB4BG212**.

(4) For specific keys with other numbers, please consult our Customer Care Centre.












Assembly of other products using:  
body/contact assemblies: see page 38  
accessories: see page 50









## Control and signaling units Ø 22




Harmony® XB4, metal

Key switches with key TEC10

Selector switches with knurled knob - Toggle switches

Key switches with key TEC10						
Shape of head	Type of operator	Positions		Reference	Weight kg/lb	
		Number	Type			
<b>Heads only</b>						
	Key switch with key TEC10	2-position 90°	Stay put		<b>ZB4BG2TEC10</b>	0.160/0.353
					<b>ZB4BG4TEC10</b>	0.160/0.353
			Spring return from right to left		<b>ZB4BG6TEC10</b>	0.170/0.375
					<b>ZB4BG0TEC10</b>	0.160/0.353
		3-position ± 45°	Stay put		<b>ZB4BG3TEC10</b>	0.160/0.353
					<b>ZB4BG5TEC10</b>	0.160/0.353
					<b>ZB4BG9TEC10</b>	0.160/0.353
			Spring return to centre		<b>ZB4BG7TEC10</b>	0.170/0.375
					<b>ZB4BG05TEC10</b>	0.170/0.375
			Spring return from right to centre			

Selector switches with knurled knob (1)						
Shape of head	Type of operator	Positions		Reference	Weight kg/lb	
		Number	Type			
<b>Heads only</b>						
	Black knurled knob	2-position 90°	Stay put		<b>ZB4BD29</b>	0.043/0.095
					<b>ZB4BD49</b>	0.050/0.110
		3-position ± 45°	Stay put		<b>ZB4BD39</b>	0.040/0.088
					<b>ZB4BD59</b>	0.040/0.088
					<b>ZB4BD79</b>	0.040/0.088
					<b>ZB4BD89</b>	0.040/0.088
						

Toggle switches (1)						
Shape of head	Type of operator	Positions		Reference	Weight kg/lb	
		Number	Type			
<b>Heads only</b>						
	Black lever	2-position 90°	Stay put		<b>ZB4BD28</b>	0.026/0.057
					<b>ZB4BD48</b>	0.026/0.057

### Heads with black metal bezel

To order, add a figure 7 to the references selected from above.  
Example: **ZB4BD29** becomes **ZB4BD297**.

For the references with key TEC10, add the 7 before TEC10.  
Example: **ZB4BG2TEC10** becomes **ZB4BG27TEC10**.

(1) Recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

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ZB4BD29

814205





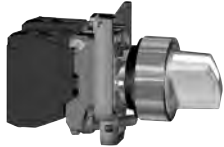
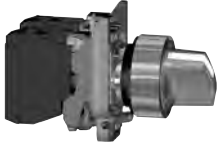
ZB4BD28

Assembly of other products using:  
combined sub-assemblies: see page 38  
accessories: see page 50

## Control and signaling units Ø 22

Harmony® XB4, metal

Illuminated selector switches with standard handle,  
with integral LED

Illuminated selector switches with standard handle, with integral LED <sup>(1)</sup>														
Screw clamp terminal connections (Schneider Electric anti-loosening system)														
Shape of head	Type of operator	Type of contact	Positions Number Type	Supply voltage V	Color of handle	Reference	Weight kg/lb							
		 N/O	 N/C											
<b>Complete units</b>														
 XB4BK123B5	Protected LED	Standard handle	1	1	2-position Stay put 90°	~ 24 (50/60 Hz)	Green <b>XB4BK123B5</b> (ZB4BW0B35 + ZB4BK1233)	0.101/0.223						
							Red <b>XB4BK124B5</b> (ZB4BW0B45 + ZB4BK1243)	0.101/0.223						
							Orange <b>XB4BK125B5</b> (ZB4BW0B55 + ZB4BK1253)	0.101/0.223						
						~ 110...120 (50/60 Hz)	Green <b>XB4BK123G5</b> (ZB4BW0G35 + ZB4BK1233)	0.101/0.223						
							Red <b>XB4BK124G5</b> (ZB4BW0G45 + ZB4BK1243)	0.101/0.223						
							Orange <b>XB4BK125G5</b> (ZB4BW0G55 + ZB4BK1253)	0.101/0.223						
						~ 230...240 (50/60 Hz)	Green <b>XB4BK123M5</b> (ZB4BW0M35 + ZB4BK1233)	0.101/0.223						
							Red <b>XB4BK124M5</b> (ZB4BW0M45 + ZB4BK1243)	0.101/0.223						
							Orange <b>XB4BK125M5</b> (ZB4BW0M55 + ZB4BK1253)	0.101/0.223						
						 XB4BK134B5	Protected LED	Standard handle	1	1	3-position Stay put ± 45°	~ 24 (50/60 Hz)	Green <b>XB4BK133B5</b> (ZB4BW0B35 + ZB4BK1333)	0.101/0.223
													Red <b>XB4BK134B5</b> (ZB4BW0B45 + ZB4BK1343)	0.101/0.223
													Orange <b>XB4BK135B5</b> (ZB4BW0B55 + ZB4BK1353)	0.101/0.223
~ 110...120 (50/60 Hz)	Green <b>XB4BK133G5</b> (ZB4BW0G35 + ZB4BK1333)	0.101/0.223												
	Red <b>XB4BK134G5</b> (ZB4BW0G45 + ZB4BK1343)	0.101/0.223												
	Orange <b>XB4BK135G5</b> (ZB4BW0G55 + ZB4BK1353)	0.101/0.223												
~ 230...240 (50/60 Hz)	Green <b>XB4BK133M5</b> (ZB4BW0M35 + ZB4BK1333)	0.101/0.223												
	Red <b>XB4BK134M5</b> (ZB4BW0M45 + ZB4BK1343)	0.101/0.223												
	Orange <b>XB4BK135M5</b> (ZB4BW0M55 + ZB4BK1353)	0.101/0.223												

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.











Assembly of other products using:  
combined sub-assemblies: see page 38  
accessories: see page 50

## Control and signaling units Ø 22

Harmony® XB4, metal

Illuminated selector switches with standard handle,  
with integral LED

Illuminated selector switches with standard handle, with integral LED (continued) (1)							
Shape of head	Type of operator	Positions		Color of handle	Reference	Weight kg/lb	
		Number	Type				
<b>Heads only (2)</b>							
	Standard handle	2-position 90°	Stay put		White	<b>ZB4BK1213</b>	0.036/0.079
					Green	<b>ZB4BK1233</b>	0.036/0.079
					Red	<b>ZB4BK1243</b>	0.036/0.079
					Orange	<b>ZB4BK1253</b>	0.036/0.079
					Blue	<b>ZB4BK1263</b>	0.036/0.079
		Spring return from right to left		White	<b>ZB4BK1413</b>	0.037/0.082	
				Green	<b>ZB4BK1433</b>	0.037/0.082	
				Red	<b>ZB4BK1443</b>	0.037/0.082	
				Orange	<b>ZB4BK1453</b>	0.037/0.082	
				Blue	<b>ZB4BK1463</b>	0.037/0.082	
	 ZB4BK1343	3-position ± 45°	Stay put		White	<b>ZB4BK1313</b>	0.036/0.079
					Green	<b>ZB4BK1333</b>	0.036/0.079
					Red	<b>ZB4BK1343</b>	0.036/0.079
					Orange	<b>ZB4BK1353</b>	0.036/0.079
					Blue	<b>ZB4BK1363</b>	0.036/0.079
		Spring return to centre		White	<b>ZB4BK1513</b>	0.036/0.079	
				Green	<b>ZB4BK1533</b>	0.036/0.079	
				Red	<b>ZB4BK1543</b>	0.036/0.079	
				Orange	<b>ZB4BK1553</b>	0.036/0.079	
				Blue	<b>ZB4BK1563</b>	0.036/0.079	
Spring return from right to centre		White	<b>ZB4BK1813</b>	0.036/0.079			
		Green	<b>ZB4BK1833</b>	0.036/0.079			
		Red	<b>ZB4BK1843</b>	0.036/0.079			
		Orange	<b>ZB4BK1853</b>	0.036/0.079			
		Blue	<b>ZB4BK1863</b>	0.036/0.079			
Spring return from left to centre		White	<b>ZB4BK1713</b>	0.036/0.079			
		Green	<b>ZB4BK1733</b>	0.036/0.079			
		Red	<b>ZB4BK1743</b>	0.036/0.079			
		Orange	<b>ZB4BK1753</b>	0.036/0.079			
		Blue	<b>ZB4BK1763</b>	0.036/0.079			

### Heads with black metal bezel

To order, add a figure 7 to the references selected from above.  
Example: **ZB4BK1213** becomes **ZB4BK12137**.


(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.  
(2) Only for use with bodies comprising a light source with integral LED.

Assembly of other products using:  
body/light assemblies: see page 46  
accessories: see page 50

## Control and signaling units Ø 22

Harmony® XB4, metal  
Pilot lights with integral LED

### Pilot lights with integral LED Screw clamp terminal connections (Schneider Electric anti-loosening system)

Shape of head	Supply voltage V	Color	Reference	Weight kg/lb
<b>Complete units</b>				
■ With plain lens				
	~ 24 (50/60 Hz)	White	<b>XB4BVB1</b> (ZB4BVB1 + ZB4BV013)	0.080/0.176
		Green	<b>XB4BVB3</b> (ZB4BVB3 + ZB4BV033)	0.080/0.176
		Red	<b>XB4BVB4</b> (ZB4BVB4 + ZB4BV043)	0.080/0.176
		Orange	<b>XB4BVB5</b> (ZB4BVB5 + ZB4BV053)	0.080/0.176
		Blue	<b>XB4BVB6</b> (ZB4BVB6 + ZB4BV063)	0.080/0.176
		White	<b>XB4BVG1</b> (ZB4BVG1 + ZB4BV013)	0.080/0.176
	~ 110...120 (50/60 Hz)	Green	<b>XB4BVG3</b> (ZB4BVG3 + ZB4BV033)	0.080/0.176
		Red	<b>XB4BVG4</b> (ZB4BVG4 + ZB4BV043)	0.080/0.176
		Orange	<b>XB4BVG5</b> (ZB4BVG5 + ZB4BV053)	0.080/0.176
		Blue	<b>XB4BVG6</b> (ZB4BVG6 + ZB4BV063)	0.080/0.176
		White	<b>XB4BVM1</b> (ZB4BVM1 + ZB4BV013)	0.080/0.176
		~ 230...240 (50/60 Hz)	Green	<b>XB4BVM3</b> (ZB4BVM3 + ZB4BV033)
	Red		<b>XB4BVM4</b> (ZB4BVM4 + ZB4BV043)	0.080/0.176
	Orange		<b>XB4BVM5</b> (ZB4BVM5 + ZB4BV053)	0.080/0.176
	Blue		<b>XB4BVM6</b> (ZB4BVM6 + ZB4BV063)	0.080/0.176

81414



XB4BVB5

### Heads only (1)

Shape of head	For use with body comprising light source type	Color of lens	Reference	Weight kg/lb
■ With plain lens				
	Integral LED only	White	<b>ZB4BV013</b>	0.026/0.057
		Green	<b>ZB4BV033</b>	0.026/0.057
		Red	<b>ZB4BV043</b>	0.026/0.057
		Orange	<b>ZB4BV053</b>	0.026/0.057
		Blue	<b>ZB4BV063</b>	0.026/0.057
		5 colors (2) (3)	<b>ZB4BV003</b>	0.026/0.057
■ With plain lens, for insertion of legend (3)				
	Integral LED only	White	<b>ZB4BV013E</b>	0.026/0.057
		Green	<b>ZB4BV033E</b>	0.026/0.057
		Red	<b>ZB4BV043E</b>	0.026/0.057
		Orange	<b>ZB4BV053E</b>	0.026/0.057
		Blue	<b>ZB4BV063E</b>	0.026/0.057
■ With grooved lens (4)				
	Integral LED only	White	<b>ZB4BV013S</b>	0.026/0.057
		Green	<b>ZB4BV033S</b>	0.026/0.057
		Red	<b>ZB4BV043S</b>	0.026/0.057
		Orange	<b>ZB4BV053S</b>	0.026/0.057
		Blue	<b>ZB4BV063S</b>	0.026/0.057

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ZB4BV063

523788



ZB4BV043S

(1) Only for use with bodies comprising a light source with integral LED.  
(2) Head supplied with 5 different colored lenses (white, green, red, orange, blue) not fitted, for insertion of legend.  
(3) For legend ordering information: see page 57.  
(4) For use in bright ambient light conditions (for example, outdoors in sunlight).

Assembly of other products using:  
body/light assemblies: see page 47  
accessories: see page 50


## Control and signaling units Ø 22

Harmony® XB4, metal

Pilot lights with integral LED and with BA 9s base fitting

### Pilot lights with integral LED and transformer (1.2 VA, 24 V secondary)

Screw clamp terminal connections (Schneider Electric anti-loosening system)

Shape of head	Supply voltage V	Color	Reference (1)	Weight kg/lb
<b>Complete units - With plain lens</b>				
	~ 400 - 50 Hz (1)	White	<b>XB4BV5B1</b>	0.172/0.379
		Green	<b>XB4BV5B3</b>	0.172/0.379
		Red	<b>XB4BV5B4</b>	0.172/0.379
		Orange	<b>XB4BV5B5</b>	0.172/0.379
		Blue	<b>XB4BV5B6</b>	0.172/0.379


080702



XB4BV5B●

### Pilot lights with BA 9s base fitting, with plain or grooved lens


Screw clamp terminal connections (Schneider Electric anti-loosening system)

Shape of head	Supply voltage V	Color	Reference	Weight kg/lb
<b>Complete units - With plain lens</b>				
■ Direct supply, for BA 9s bulb, U ≤ 250 V, 2.4 W max (bulb not included)				
	≤ 250	White	<b>XB4BV61</b> (ZB4BV6 + ZB4BV01)	0.075/0.165
		Green	<b>XB4BV63</b> (ZB4BV6 + ZB4BV03)	0.075/0.165
		Red	<b>XB4BV64</b> (ZB4BV6 + ZB4BV04)	0.075/0.165
		Orange	<b>XB4BV65</b> (ZB4BV6 + ZB4BV05)	0.075/0.165

814114



XB4BV64


■ Via integral transformer, 1.2 VA, 6 V secondary, with BA 9s incandescent bulb (included)				
	~ 110...120 - 50/60 Hz	White	<b>XB4BV31</b> (ZB4BV3 + ZB4BV01)	0.152/0.335
		Green	<b>XB4BV33</b> (ZB4BV3 + ZB4BV03)	0.152/0.335
		Red	<b>XB4BV34</b> (ZB4BV3 + ZB4BV04)	0.152/0.335
		Orange	<b>XB4BV35</b> (ZB4BV3 + ZB4BV05)	0.152/0.335
	~ 230 - 50 Hz ~ 220...240 - 60 Hz	White	<b>XB4BV41</b> (ZB4BV4 + ZB4BV01)	0.152/0.335
		Green	<b>XB4BV43</b> (ZB4BV4 + ZB4BV03)	0.152/0.335
		Red	<b>XB4BV44</b> (ZB4BV4 + ZB4BV04)	0.152/0.335
		Orange	<b>XB4BV45</b> (ZB4BV4 + ZB4BV05)	0.152/0.335

814117



XB4BV33


### Heads only (2)

Shape of head	For use with body comprising light source type	Color of lens	Reference	Weight kg/lb
■ With plain lens				
	<b>With BA 9s base fitting</b>	White	<b>ZB4BV01</b>	0.027/0.060
		Green	<b>ZB4BV03</b>	0.027/0.060
		Red	<b>ZB4BV04</b>	0.027/0.060
		Orange	<b>ZB4BV05</b>	0.027/0.060
		Blue	<b>ZB4BV06</b>	0.027/0.060
		Clear	<b>ZB4BV07</b>	0.027/0.060

814213



ZB4BV04

■ With grooved lens (3)				
	<b>With BA 9s base fitting</b>	White	<b>ZB4BV01S</b>	0.027/0.060
		Green	<b>ZB4BV03S</b>	0.027/0.060
		Red	<b>ZB4BV04S</b>	0.027/0.060
		Orange	<b>ZB4BV05S</b>	0.027/0.060
		Blue	<b>ZB4BV06S</b>	0.027/0.060
		Clear	<b>ZB4BV07S</b>	0.027/0.060

523788



ZB4BV06S

(1) For order ~ 440...460 V - 60 Hz transformer blocks, please replace «5» in the reference by «8». Example: XB4BV5B1 becomes XB4BV8B1. To order ~ 550...600 V - 60 Hz blocks, please replace «5» by «9». Example: XB4BV5B1 becomes XB4BV9B1.

(2) Only for use with bodies comprising a light source with BA 9s base fitting (incandescent, neon or LED).

(3) For use in bright ambient light conditions (for example, outdoors in sunlight).

## References

Assembly of other products using:  
body/contact assemblies: see page 38  
accessories: see page 50

# Control and signaling units Ø 22

Harmony® XB4, metal

Specific functions


Pushbuttons for manual overload reset, hour counters,  
buzzers, fuse carrier

814340



XB4BA8●1

### Manual overload reset pushbuttons

Shape of head	Travel Ø mm/in.	Actuation distance Ø mm/in.	Color	Reference	Weight kg/lb
	10/0.394	6...16/0.236...0.630	Black	<b>XB4BA821</b>	0.037/0.082
			Red	<b>XB4BA841</b>	0.037/0.082
			Blue	<b>XB4BA861</b>	0.037/0.082
	16...26/0.630...1.024	30...130/1.181...5.118	Black	<b>XB4BA822</b>	0.038/0.084
			Red	<b>XB4BA842</b>	0.038/0.084
			Blue	<b>XB4BA862</b>	0.038/0.084
	14/0.551	30...130/1.181...5.118	Black	<b>XB4BA921</b>	0.058/0.128
			Red	<b>XB4BA941</b>	0.058/0.128
			Blue	<b>XB4BA961</b>	0.058/0.128
	130...257/ 5.118...10.118	30...130/1.181...5.118	Black	<b>XB4BA922</b>	0.071/0.157
			Red	<b>XB4BA942</b>	0.071/0.157
			Blue	<b>XB4BA962</b>	0.071/0.157

814341



ZB4BD912

### Heads + mounting base for potentiometer (1)

Shape of head	Description	For use with	Reference	Weight kg/lb
	For potentiometer with shaft length Ø 45 to 50 mm/1.772 to 1.968 in.	Ø 6 mm/0.236 in. shaft	<b>ZB4BD912</b>	0.080/0.176
		Ø 6.35 mm/0.250 in. shaft	<b>ZB4BD922</b>	0.080/0.176

814343



XB5DS●

### Hour counters

Characteristics	Supply voltage V	Reference	Weight kg/lb
Indication 0...9999.9	≈ 12...24 - 50/60 Hz	<b>XB5DSB</b>	0.045/0.099
	≈ 120 - 60 Hz	<b>XB5DSG</b>	0.045/0.099
	≈ 230...240 - 50 Hz	<b>XB5DSM</b>	0.045/0.099

814344



XB5KS●

### Annunciators (IP 40 NEMA 1)

85 db buzzer: 4 kHz, with continuous or intermittent operation	≈ 24 - 50/60 Hz	<b>XB5KSB</b>	0.035/0.077
	≈ 120 - 50/60 Hz	<b>XB5KSG</b>	0.035/0.077
	≈ 230...240 - 50 Hz	<b>XB5KSM</b>	0.035/0.077

814344



XB5DT1S

### Fuse carrier

Description	For use with	Reference	Weight kg/lb
Fuse carrier	5 x 20 mm fuse 6.3A - 250 V	<b>XB5DT1S</b>	0.022/0.049

(1) Potentiometer not included.

Assembly of other products using accessories: see page 50

## Control and signaling units Ø 22

Harmony® XB4, metal

Specific functions

Joystick controllers, wobblesticks

814342



XD4PA12

### Joystick controllers (with Ø 54 mm/2.126 in. long operating shaft) (1) Screw clamp terminal connections (Schneider Electric anti-loosening system)

Description	Operation	Spring return to zero position	Reference	Weight kg/lb
<b>Complete products</b>				
2-direction	1 notch 1 N/O contact per direction	Without	<b>XD4PA12</b>	0.116/0.256
		With	<b>XD4PA22</b>	0.116/0.256
4-direction	1 notch 1 N/O contact per direction	Without	<b>XD4PA14</b>	0.133/0.293
		With	<b>XD4PA24</b>	0.133/0.293

814346



ZD4PA103

### Sub-assemblies for joystick controllers

Description	Functions	Reference	Weight kg/lb
Complete body/contact assemblies	2-direction	<b>ZD4PA103</b>	0.049/0.108
	4-direction	<b>ZD4PA203</b>	0.058/0.128
Complete head assemblies with operating shaft	2-direction, stay put	<b>ZD4PA12</b>	0.022/0.049
	2-direction, spring return to zero position	<b>ZD4PA22</b>	0.022/0.049
	4-direction, stay put	<b>ZD4PA14</b>	0.022/0.049
	4-direction, spring return to zero position	<b>ZD4PA24</b>	0.022/0.049

814348



ZD4PA203

814347



ZD4PA12

Legends Ø 30 x 48 mm/ 1.181 x 1.890 in. for engraving	2-direction	Black one side Red reverse	<b>ZBG2201</b>	0.001/0.002
		White one side Yellow reverse	<b>ZBG2401</b>	0.001/0.002
Legends Ø 48 x 48 mm/ 1.890 x 1.890 in. for engraving	4-direction	Black one side Red reverse	<b>ZBG4201</b>	0.002/0.004
		White one side Yellow reverse	<b>ZBG4401</b>	0.002/0.004

109497



ZB4BB2

### Wobblestick heads

Shape of head	For use with	Color	Reference	Weight kg/lb
	Omnidirectional, spring return	Black	<b>ZB4BB2</b>	0.058/0.128
		Red	<b>ZB4BB4</b>	0.058/0.128

**Other versions** Joystick controllers and complete body/contact assemblies for joystick controllers with Faston connector terminals (Ø 6.35 or 2 x 2.8 mm/0.250 or 0.079 x 0.110 in.). Please consult our Customer Care Centre.

(1) Must not be used with standard contact blocks ZBE10● (single) or ZBE20● (double).

To combine with heads, see pages 14 to 36

814264



ZB4BZ009

814265



ZBE101

814267



ZBE203

814133



ZB4BZ101

814265



ZBE201

814346



ZB4BZ106

PF080706



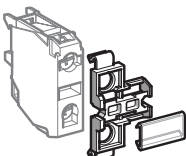
ZBE501

PG114166SE



ZB2BE101

814262





ZBZ001



**Body/fixing collar**

For use with	Sold in lots of	Unit reference	Weight kg/lb
Electrical block (contact or light)	10	ZB4BZ009	0.038/0.084

**Contact functions (1)****Screw clamp terminal connections (Schneider Electric anti-loosening system)****Contacts for standard applications**

Description	Type of contact			Sold in lots of	Unit reference	Weight kg/lb
Contact blocks	Single	1	–	5	ZBE101	0.011/0.024
		–	1	5	ZBE102	0.011/0.024
	Double	2	–	5	ZBE203	0.020/0.044
		–	2	5	ZBE204	0.020/0.044
	Single with body/fixing collar	1	1	5	ZBE205	0.020/0.044
		1	–	1	ZB4BZ101	0.053/0.117
		–	1	1	ZB4BZ102	0.053/0.117
		2	–	1	ZB4BZ103	0.062/0.137
	–	2	1	ZB4BZ104	0.062/0.137	
	1	1	1	ZB4BZ105	0.062/0.137	
	1	2	1	ZB4BZ141	0.072/0.159	

**Contacts for specific applications**

Application	Type of contact	Description			Sold in lots of	Unit reference	Weight kg/lb
Low power switching	Single	Standard	1	–	5	ZBE1016	0.012/0.026
			–	1	5	ZBE1026	0.012/0.026
		Dusty environment (2) (IP5X, 50 µm dust)	1	–	5	ZBE1016P	0.012/0.026
			–	1	5	ZBE1026P	0.012/0.026
Staggered contacts	Single	Early make N/O	1	–	5	ZBE201	0.011/0.024
			–	1	5	ZBE202	0.011/0.024
	Single with body/fixing collar	Overlapping N/O+N/C	1	1	5	ZB4BZ106	0.062/0.137
			2	–	5	ZB4BZ107	0.062/0.137
High power switching	Single	Standard (3)	1	–	1	ZBE501	0.020/0.044
			–	1	1	ZBE502	0.020/0.044
			2	–	1	ZBE503	0.032/0.071
			–	2	1	ZBE504	0.032/0.071
			1	1	1	ZBE505	0.032/0.071
Additional contact blocks for high power switching	Single	Standard (4)	1	–	1	ZB2BE101	0.020/0.044
			–	1	1	ZB2BE102	0.020/0.044

**Clip-on legend holder, sheet of blank legends and labelling software**

Description	Sold in lots of	Unit reference	Weight kg/lb
Clip-on legend-holder for electrical blocks with screw clamp terminal connections (5). For identification of an XB4B control or signaling unit	10	ZBZ001	0.001/0.002
Sheet of 50 blank legends for legend holder ZBZ001	10	ZBY001	0.023/0.051
«SIS Label» labelling software for legend design (ZBY001 legends) (for design of legends in English, French, German, Italian, Spanish)	1	XBY2U	0.100/0.220

- (1) The contact blocks enable variable composition of body/contact assemblies. Maximum number of rows possible: 3. Either 3 rows of 3 single contacts or 1 row of 3 double contacts + 1 row of 3 single contacts (double contacts occupy the first 2 rows). Maximum number of contacts is specified on page 12.
- (2) It is not possible to fit an additional contact block on the back of these contact blocks.
- (3) It is not possible to use these contacts with light blocks.
- (4) To be fitted on the back of ZBE50● contacts.
- (5) This legend holder is not compatible with high power switching contacts.

To combine with heads, see page 18

814273



ZBVB●

Light blocks with screw clamp terminal connections (Schneider Electric anti-loosening system)					
Description	Supply voltage V	Color of light source	Sold in lots of	Unit reference	Weight kg/lb
Integral LED (to combine with heads for integral LED)	~ 12 (50/60 Hz)	White	5	ZBVJ1	0.017/0.037
		Green	5	ZBVJ3	0.017/0.037
		Red	5	ZBVJ4	0.017/0.037
		Orange	5	ZBVJ5	0.017/0.037
		Blue	5	ZBVJ6	0.017/0.037
	~ 24 (50/60 Hz)	White	5	ZBVB1	0.017/0.037
		Green	5	ZBVB3	0.017/0.037
		Red	5	ZBVB4	0.017/0.037
		Orange	5	ZBVB5	0.017/0.037
		Blue	5	ZBVB6	0.017/0.037
	~ 24...120 (50/60 Hz)	White	5	ZBVBG1	0.017/0.037
		Green	5	ZBVBG3	0.017/0.037
		Red	5	ZBVBG4	0.017/0.037
		Orange	5	ZBVBG5	0.017/0.037
		Blue	5	ZBVBG6	0.017/0.037
	~ 110...120 (50/60 Hz)	White	5	ZBVG1	0.017/0.037
		Green	5	ZBVG3	0.017/0.037
		Red	5	ZBVG4	0.017/0.037
		Orange	5	ZBVG5	0.017/0.037
		Blue	5	ZBVG6	0.017/0.037
	~ 230...240 (50/60 Hz)	White	5	ZBVM1	0.017/0.037
		Green	5	ZBVM3	0.017/0.037
		Red	5	ZBVM4	0.017/0.037
		Orange	5	ZBVM5	0.017/0.037
		Blue	5	ZBVM6	0.017/0.037

Flashing light blocks with screw clamp terminal connections (Schneider Electric anti-loosening system)					
Description	Supply voltage V	Color of light source	Sold in lots of	Unit reference	Weight kg/lb
Integral LED (to combine with heads for integral LED)	~ 24 (50/60 Hz)	White	5	ZBV18B1	0.017/0.037
		Green	5	ZBV18B3	0.017/0.037
		Red	5	ZBV18B4	0.017/0.037
		Orange	5	ZBV18B5	0.017/0.037
		Blue	5	ZBV18B6	0.017/0.037
			~ 110...120 (50/60 Hz)	White	5
Green	5			ZBV18G3	0.017/0.037
Red	5			ZBV18G4	0.017/0.037
Orange	5			ZBV18G5	0.017/0.037
Blue	5			ZBV18G6	0.017/0.037
	~ 230...240 (50/60 Hz)			White	5
		Green	5	ZBV18M3	0.017/0.037
		Red	5	ZBV18M4	0.017/0.037
		Orange	5	ZBV18M5	0.017/0.037
		Blue	5	ZBV18M6	0.017/0.037

Transformer blocks for 24 V light blocks (1)				
For use with	Supply voltage V	Description	Référence	Weight kg/lb
Light blocks with integral LED	~ 400 V - 50 Hz	Transformer 400 V - 24 V ~	ZBV5B (2)	0.090/0.198

Blocks for "test light" function				
Light blocks	Supply voltage V	Description	Reference	Weight kg/lb
	~ 12 and 24 ~ 24...120	Single module, 1 connecting wire	ZBZG156 (3)	0.010/0.022
Light blocks with integral LED	~ 48...230	Double module, with connecting wires	ZBZM156 (4)	0.010/0.022

LED suppressors				
For use with	Supply voltage V	Level of protection	Reference	Weight kg/lb
Light blocks with integral LED fitted with screw clamp terminal connections	~ 120	25...120 VA	ZBZVG	0.010/0.022
	~ 230	30...230 VA	ZBZVM	0.010/0.022

(1) To be used with 2 dummy contact blocks ZBE000.

(2) To order ~ 440...460 V - 60 Hz transformer blocks, please replace «5» in the reference by «8»: ZBV5B becomes ZBV8B. To order ~ 550...600 V - 60 Hz transformer blocks, please replace «5» by «9»: ZBV5B becomes ZBV9B.

(3) Block for use with ~ light blocks with integral LED types ZBVJ●, ZBVB●, ZBVBG● or with direct supply light block for BA 9s bulb, ZBV6.

(4) Block for use ~ light blocks integral LED types ZBVG●, ZBVM●, see connection on our website www.schneider-electric.com.

080705



ZBV5B

522067



ZBZG156

522068



ZBZM156

814274



ZBZV●

To combine with heads, see pages 14 to 36

814284



ZB4BZ009

#### Body/fixing collar

For use with	Sold in lots of	Unit reference	Weight kg/lb
Electrical block (contact or light)	10	ZB4BZ009	0.038/0.084

PF10777



ZBE1015

#### Contact functions

##### Spring clamp terminal connections (1)

##### Contacts for standard applications

Description	Type of contact	Circuit symbols		Sold in lots of	Unit reference	Weight kg/lb
		N/O	N/C			
Contact blocks	Single	1	–	4	ZBE1015	0.011/0.024
		–	1	4	ZBE1025	0.011/0.024
Contact blocks	Single with body/fixing collar	1	–	1	ZB4BZ1015	0.053/0.117
		–	1	1	ZB4BZ1025	0.053/0.117
		2	–	1	ZB4BZ1035	0.062/0.137
		–	2	1	ZB4BZ1045	0.062/0.137
		1	1	1	ZB4BZ1055	0.062/0.137

PF10779



ZB4BZ1015

#### Light blocks

##### Spring clamp terminal connections (1)

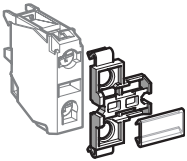
Description	Supply voltage V	Color of light source	Sold in lots of	Unit reference	Weight kg/lb
Integral LED (to combine with heads for integral LED)	~ 12 (50/60 Hz)	White	4	ZBVJ15	0.016/0.035
		Green	4	ZBVJ35	0.016/0.035
		Red	4	ZBVJ45	0.016/0.035
		Orange	4	ZBVJ55	0.016/0.035
		Blue	4	ZBVJ65	0.016/0.035
		Integral LED <b>Protected LED</b>	~ 24 (50/60 Hz)	White	4
Green	4			ZBVB35	0.016/0.035
Red	4			ZBVB45	0.016/0.035
Orange	4			ZBVB55	0.016/0.035
Blue	4			ZBVB65	0.016/0.035
Integral LED	~ 110...120 (50/60 Hz)			White	4
		Green	4	ZBVG35	0.016/0.035
		Red	4	ZBVG45	0.016/0.035
		Orange	4	ZBVG55	0.016/0.035
		Blue	4	ZBVG65	0.016/0.035
		Integral LED	~ 230...240 (50/60 Hz)	White	4
Green	4			ZBVM35	0.016/0.035
Red	4			ZBVM45	0.016/0.035
Orange	4			ZBVM55	0.016/0.035
Blue	4			ZBVM65	0.016/0.035
Integral LED + body/fixing collar	~ 110...120 (50/60 Hz)			Green	4
		Red	4	ZB4BVG45	0.053/0.117

PF08071



ZBVB35

814282



ZBZ001

#### Sheet of 50 blank legends

For use with	Sold in lots of	Unit reference	Weight kg/lb
Legend holder ZBZ001	10	ZBY001	0.023/0.051

#### “SIS Label” labelling software (for legends ZBY001)

For legend design for English, French, German, Italian, Spanish	Sold in lots of	Unit reference	Weight kg/lb
	10	XBY2U	0.100/0.220

540548



XBY2U

(1) It is not possible to fit an additional block on the back of these contact or light blocks.



To combine with heads, see pages 14 to 36

814264



ZB4BZ009

814286



ZB4BZ079 + ZB4BZ009

540159



ZBZ01●

814287



ZBE701

814288



ZBE702

PF110422



ZBVB07



**Body/fixing collar and accessories specifically for printed circuit board mounting (1)****Accessories required when using adaptor (socket) ZBZ010**

Description	For use with	Sold in lots of	Unit reference	Weight kg/lb
Body/fixing collar	Electrical block (contact or light)	10	ZB4BZ009	0.006/0.013
Fixing collar/pillar	Printed circuit board support (fixing screw ZBZ006 to be ordered separately)	10	ZB4BZ079	0.003/0.007
Fixing screw for printed circuit board	Fixing collar/pillar ZB4BZ079	10	ZBZ006	0.011/0.024



**Adapter (socket) (1)**

For use with	Thickness of printed circuit board (Ø mm/in.)	Sold in lots of	Unit reference	Weight kg/lb
Electrical block (contact or light)	1.6 ± 0.2/0.063 ± 0.008	10	ZBZ010	0.008/0.018
	2.2 ± 0.2/0.087 ± 0.008	10	ZBZ011	0.008/0.018
	3.2 ± 0.2/0.126 ± 0.008	10	ZBZ012	0.008/0.018

**Contact functions (1)****Contacts for standard applications**

Description	Type of contact			Sold in lots of	Unit reference	Weight kg/lb
Contact blocks	Single	1	–	5	ZBE701	0.011/0.024
		–	1	5	ZBE702	0.011/0.024

**Contacts for specific applications**

Application	Type of contact			Sold in lots of	Unit reference	Weight kg/lb
Low power switching	Single	1	–	5	ZBE7016	0.012/0.026
		–	1	5	ZBE7026	0.012/0.026

**Light blocks (1)**

Description	Supply voltage V	Color of LED	Sold in lots of	Unit reference	Weight kg/lb
Integral LED (to combine with heads for integral LED)	≈ 24 (50/60 Hz)	White	5	ZBVB17	0.004/0.009
		Green	5	ZBVB37	0.004/0.009
		Red	5	ZBVB47	0.004/0.009
		Orange	5	ZBVB57	0.004/0.009
		Blue	5	ZBVB67	0.004/0.009

Protected  
LED

(1) For details of support drilling and of printed circuit board: see our website [www.schneider-electric.com](http://www.schneider-electric.com).

To combine with heads, see pages 14 to 36

**Contact functions (1)**  
Faston connectors (Ø 6.35 or 2 x 2.8 mm/0.250 or 0.079 x 0.110 in.) (Schneider Electric anti-loosening system)

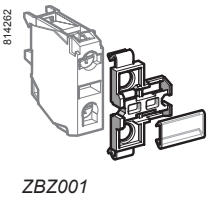
**Contacts for standard applications**

Description	Type of contact	Symbol		Sold in lots of	Unit reference	Weight kg/lb
		N/O	N/C			
Contact blocks	Single	1	–	5	ZBE1013	0.011/0.024
		–	1	5	ZBE1023	0.011/0.024
		2	–	5	ZBE2033	0.020/0.044
	Double	–	2	5	ZBE2043	0.020/0.044
		1	1	5	ZBE2053	0.020/0.044
		1	–	1	ZB4BZ1013 (2)	0.053/0.117
	Single with body/fixing collar	–	1	1	ZB4BZ1023 (2)	0.053/0.117
		2	–	1	ZB4BZ1033	0.062/0.137
		–	2	1	ZB4BZ1043	0.062/0.137
1		1	1	ZB4BZ1053	0.062/0.137	



**Contacts for specific applications**

Application	Type of contact	Description	Symbol		Sold in lots of	Unit reference	Weight kg/lb
			N/O	N/C			
Low power switching	Single	Standard	1	–	5	ZBE10163 (2)	0.012/0.026
			–	1	5	ZBE10263 (2)	0.012/0.026
		Dusty environments (3) (IP5X, 50 µm dust)	1	–	5	ZBE1016P3 (2)	0.012/0.026
			–	1	5	ZBE1026P3 (2)	0.012/0.026
Staggered contacts	Single	Early make	1	–	5	ZBE2013 (2)	0.011/0.024
			–	1	5	ZBE2023 (2)	0.011/0.024
		Late break	–	1	5	ZBE2023 (2)	0.011/0.024
			1	–	5	ZBE2013 (2)	0.011/0.024
High power switching	Single	Standard (4)	1	–	1	ZBE5013	0.021/0.046
			–	1	1	ZBE5023	0.021/0.046
			2	–	1	ZBE5033	0.033/0.073
			–	2	1	ZBE5043	0.033/0.073
			1	1	1	ZBE5053	0.033/0.073



**Clip-on legend holder for electrical blocks with screw clamp terminal connections (5)**

For use with	Sold in lots of	Unit reference	Weight kg/lb
Identification of an XB4B control or signaling unit	10	ZBZ001	0.001/0.002

**Sheet of 50 blank legends**

Legend holder ZBZ001	10	ZBY001	0.023/0.051
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**“SIS Label” labelling software (for legends ZBY001)**

For legend design for English, French, German, Italian, Spanish	1	XBY2U	0.100/0.220
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- (1) The contact blocks enable variable composition of body/contact assemblies. Maximum number of rows possible: 3. Either 3 rows of 3 single contacts or 1 row of 3 double contacts + 1 row of 3 single contacts (double contacts occupy the first 2 rows).
- (2) To order products with screw clamp terminal connections for lugs, replace the 3 at the end of the reference with a 9. Example: ZBE1013 becomes ZBE1019.
- (3) It is not possible to fit an additional contact block on the back of these contact blocks.
- (4) It is not possible to use these contacts with light blocks.
- (5) This legend holder is not compatible with high power switching contact blocks.

To combine with heads, see pages 14 to 36

814264



ZB4BZ009

814278



ZBE1014

814279



ZBE1024

814135



ZB4BZ1014

814136



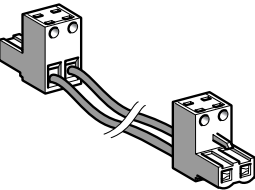
ZB4BZ1024

814260



ZBVB•4

530719



APE1C2250

#### Body/fixing collar

For use with	Sold in lots of	Unit reference	Weight kg/lb
Electrical block (contact or light)	10	ZB4BZ009	0.038/0.084

#### Contact functions

##### Plug-in connector (1)

##### Contacts for standard applications

Description	Type of contact	Circuit symbols		Sold in lots of	Unit reference	Weight kg/lb
		N/O	N/C			
Contact blocks	Single	1	–	5	ZBE1014	0.011/0.024
		–	1	5	ZBE1024	0.011/0.024
Contact blocks	Single with body/fixing collar	1	–	1	ZB4BZ1014	0.050/0.110
		–	1	1	ZB4BZ1024	0.050/0.110
		2	–	1	ZB4BZ1034	0.058/0.128
		–	2	1	ZB4BZ1044	0.058/0.128
		1	1	1	ZB4BZ1054	0.058/0.128
		1	2	1	ZB4BZ1414	0.064/0.141

#### Light blocks

##### Plug-in connector

Description	Supply voltage (V)	Color of light source	Sold in lots of	Unit reference	Weight kg/lb
Integral LED (to combine with heads for integral LED)	≈ 24 (50/60 Hz)	White	5	ZBVB14	0.016/0.035
		Green	5	ZBVB34	0.016/0.035
		Red	5	ZBVB44	0.016/0.035
		Orange	5	ZBVB54	0.016/0.035
		Blue	5	ZBVB64	0.016/0.035
		Protected LED	~ 110...120 (50/60 Hz)	White	5
Green	5			ZBVG34	0.016/0.035
Red	5			ZBVG44	0.016/0.035
Orange	5			ZBVG54	0.016/0.035
Blue	5			ZBVG64	0.016/0.035
Protected LED	~ 230...240 (50/60 Hz)			White	5
		Green	5	ZBVM34	0.016/0.035
		Red	5	ZBVM44	0.016/0.035
		Orange	5	ZBVM54	0.016/0.035
		Blue	5	ZBVM64	0.016/0.035

#### Connecting cables and connector

Description	Number of connectors	Wire c.s.a. mm <sup>2</sup> /AWG	Length Ø mm/in.	Sold in lots of	Unit reference	Weight kg/lb
Cables with connectors 2-pin, Ø 5.08 mm/0.200 in. pitch	1	0.75/19	500/19.685	8	APE1C2150	0.120/0.265
	2	0.75/19	500/19.685	8	APE1C2250	0.180/0.397
Spring terminal connector 2-pin, Ø 5.08 mm/0.200 in. pitch	–	0.2 to .5 /25 to 14	–	10	APE1PRE21	0.003/0.007

(1) It is not possible to fit an additional contact block on the back of these contact blocks.

# Control and signaling units Ø 22

Harmony® XB4, metal

Body/contact assemblies + light blocks with integral LED

To combine with:  
heads, see pages 17 to 33  
contacts, see page 38

814218



ZB4BW0...3

Complete body/contact assemblies and light blocks <sup>(1)</sup>						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Light source	Supply voltage V	Type of contact		Color of light source	Reference	Weight kg/lb
		N/O	N/C			

Direct supply						
Integral LED <b>Protected LED</b>	~ 24 (50/60 Hz)	1	-	White	ZB4BW0B11	0.064/0.141
				Green	ZB4BW0B31	0.064/0.141
				Red	ZB4BW0B41	0.064/0.141
				Orange	ZB4BW0B51	0.064/0.141
				Blue	ZB4BW0B61	0.064/0.141
		-	1	White	ZB4BW0B12	0.064/0.141
				Green	ZB4BW0B32	0.064/0.141
				Red	ZB4BW0B42	0.064/0.141
				Orange	ZB4BW0B52	0.064/0.141
				Blue	ZB4BW0B62	0.064/0.141
	2	-	White	ZB4BW0B13	0.074/0.163	
			Green	ZB4BW0B33	0.074/0.163	
			Red	ZB4BW0B43	0.074/0.163	
			Orange	ZB4BW0B53	0.074/0.163	
			Blue	ZB4BW0B63	0.074/0.163	
	1	1	White	ZB4BW0B15	0.074/0.163	
			Green	ZB4BW0B35	0.074/0.163	
			Red	ZB4BW0B45	0.074/0.163	
			Orange	ZB4BW0B55	0.074/0.163	
			Blue	ZB4BW0B65	0.074/0.163	
~ 110...120 (50/60 Hz)	1	-	White	ZB4BW0G11	0.064/0.141	
			Green	ZB4BW0G31	0.064/0.141	
			Red	ZB4BW0G41	0.064/0.141	
			Orange	ZB4BW0G51	0.064/0.141	
			Blue	ZB4BW0G61	0.064/0.141	
	-	1	White	ZB4BW0G12	0.064/0.141	
			Green	ZB4BW0G32	0.064/0.141	
			Red	ZB4BW0G42	0.064/0.141	
			Orange	ZB4BW0G52	0.064/0.141	
			Blue	ZB4BW0G62	0.064/0.141	
2	-	White	ZB4BW0G13	0.074/0.163		
		Green	ZB4BW0G33	0.074/0.163		
		Red	ZB4BW0G43	0.074/0.163		
		Orange	ZB4BW0G53	0.074/0.163		
		Blue	ZB4BW0G63	0.074/0.163		
1	1	White	ZB4BW0G15	0.074/0.163		
		Green	ZB4BW0G35	0.074/0.163		
		Red	ZB4BW0G45	0.074/0.163		
		Orange	ZB4BW0G55	0.074/0.163		
		Blue	ZB4BW0G65	0.074/0.163		

**Other versions** Complete bodies with Faston connector terminals (Ø 6.35 or 2 x 2.8mm/0.250 or 0.079 x 0.110 in.).  
Please consult our Customer Care Centre.

(1) Can be fitted with additional contact blocks: see page 38.

# Control and signaling units Ø 22

## Harmony® XB4, metal

### Body/contact assemblies + light blocks with integral LED

To combine with:  
heads, see pages 17 to 33  
contacts, see page 38

#### Complete body/contact assemblies and light blocks <sup>(1)</sup> (continued)

Screw clamp terminal connections (Schneider Electric anti-loosening system)

Light source	Supply voltage V	Type of contact		Color of light source	Reference	Weight kg/lb
		N/O	N/C			
<b>Direct supply (continued)</b>						
Integral LED <b>Protected LED</b>	~ 230...240 (50/60 Hz)	1	-	White	<b>ZB4BW0M11</b>	0.064/0.141
				Green	<b>ZB4BW0M31</b>	0.064/0.141
				Red	<b>ZB4BW0M41</b>	0.064/0.141
				Orange	<b>ZB4BW0M51</b>	0.064/0.141
				Blue	<b>ZB4BW0M61</b>	0.064/0.141
		-	1	White	<b>ZB4BW0M12</b>	0.064/0.141
				Green	<b>ZB4BW0M32</b>	0.064/0.141
				Red	<b>ZB4BW0M42</b>	0.064/0.141
				Orange	<b>ZB4BW0M52</b>	0.064/0.141
				Blue	<b>ZB4BW0M62</b>	0.064/0.141
		2	-	White	<b>ZB4BW0M13</b>	0.074/0.163
				Green	<b>ZB4BW0M33</b>	0.074/0.163
				Red	<b>ZB4BW0M43</b>	0.074/0.163
				Orange	<b>ZB4BW0M53</b>	0.074/0.163
				Blue	<b>ZB4BW0M63</b>	0.074/0.163
		1	1	White	<b>ZB4BW0M15</b>	0.074/0.163
				Green	<b>ZB4BW0M35</b>	0.074/0.163
				Red	<b>ZB4BW0M45</b>	0.074/0.163
				Orange	<b>ZB4BW0M55</b>	0.074/0.163
				Blue	<b>ZB4BW0M65</b>	0.074/0.163

#### Other versions

Complete bodies with Faston connector terminals (Ø 6.35 or 2 x 2.8mm/0.250 or 0.079 x 0.110 in.).

Please consult our Customer Care Centre.

(1) Can be fitted with additional contact blocks: see page 38.

814221



ZB4BW0M31

# Control and signaling units Ø 22

## Harmony® XB4, metal

### Body/light assemblies for pilot lights with integral LED

To combine with:  
heads, see page 34  
contacts, see page 38

814207



ZB4BV●●

Complete light bodies (fixing collar + light block with integral LED)				
Screw clamp terminal connections (Schneider Electric anti-loosening system)				
Light source	Supply voltage V	Color of light source	Reference	Weight kg/lb
Integral LED <b>protected LED</b>	≈ 12 (50/60 Hz)	White	<b>ZB4BVJ1</b>	0.054/0.119
		Green	<b>ZB4BVJ3</b>	0.054/0.119
		Red	<b>ZB4BVJ4</b>	0.054/0.119
		Orange	<b>ZB4BVJ5</b>	0.054/0.119
		Blue	<b>ZB4BVJ6</b>	0.054/0.119
		<hr/>		
	≈ 24 (1) (50/60 Hz)	White	<b>ZB4BVB1</b>	0.054/0.119
		Green	<b>ZB4BVB3</b>	0.054/0.119
		Red	<b>ZB4BVB4</b>	0.054/0.119
		Orange	<b>ZB4BVB5</b>	0.054/0.119
		Blue	<b>ZB4BVB6</b>	0.054/0.119
	<hr/>			
	≈ 24...120 (50/60 Hz)	White	<b>ZB4BVBG1</b>	0.054/0.119
		Green	<b>ZB4BVBG3</b>	0.054/0.119
		Red	<b>ZB4BVBG4</b>	0.054/0.119
		Orange	<b>ZB4BVBG5</b>	0.054/0.119
		Blue	<b>ZB4BVBG6</b>	0.054/0.119
	<hr/>			
≈ 110...120 (1) (50/60 Hz)	White	<b>ZB4BVG1</b>	0.054/0.119	
	Green	<b>ZB4BVG3</b>	0.054/0.119	
	Red	<b>ZB4BVG4</b>	0.054/0.119	
	Orange	<b>ZB4BVG5</b>	0.054/0.119	
	Blue	<b>ZB4BVG6</b>	0.054/0.119	
<hr/>				
≈ 230...240 (1) (50/60 Hz)	White	<b>ZB4BVM1</b>	0.054/0.119	
	Green	<b>ZB4BVM3</b>	0.054/0.119	
	Red	<b>ZB4BVM4</b>	0.054/0.119	
	Orange	<b>ZB4BVM5</b>	0.054/0.119	
	Blue	<b>ZB4BVM6</b>	0.054/0.119	

(1) Complete bodies with Faston connector terminals (Ø 6.35 or 2 x 2.8mm/0.250 or 0.079 x 0.110 in.), see page 42.

To combine with:  
heads, see page 34  
contacts, see page 38

522069



ZB4BVB●156

#### Complete light bodies with 3-terminal "test" function

(fixing collar + light block with integral LED + pre-wired block for "test light" function)

Screw clamp terminal connections (Schneider Electric anti-loosening system)

Light source	Supply voltage V	Color of light source	Reference	Weight kg/lb
Integral LED <b>Protected LED</b>	≈ 24 (1) (50/60 Hz)	White	<b>ZB4BVB1156</b>	0.054/0.119
		Green	<b>ZB4BVB3156</b>	0.054/0.119
		Red	<b>ZB4BVB4156</b>	0.054/0.119
		Orange	<b>ZB4BVB5156</b>	0.054/0.119
		Blue	<b>ZB4BVB6156</b>	0.054/0.119

#### Complete bodies with flashing pilot light (fixing collar + light block with integral LED)

Screw clamp terminal connections (Schneider Electric anti-loosening system)

Light source	Supply voltage V	Color of light source	Reference	Weight kg/lb
Integral LED <b>Protected LED</b>	≈ 24 (50/60 Hz)	White	<b>ZB4BV18B1</b>	0.054/0.119
		Green	<b>ZB4BV18B3</b>	0.054/0.119
		Red	<b>ZB4BV18B4</b>	0.054/0.119
		Orange	<b>ZB4BV18B5</b>	0.054/0.119
		Blue	<b>ZB4BV18B6</b>	0.054/0.119
	≈ 110...120 (50/60 Hz)	White	<b>ZB4BV18G1</b>	0.054/0.119
		Green	<b>ZB4BV18G3</b>	0.054/0.119
		Red	<b>ZB4BV18G4</b>	0.054/0.119
		Orange	<b>ZB4BV18G5</b>	0.054/0.119
		Blue	<b>ZB4BV18G6</b>	0.054/0.119
	≈ 230...240 (50/60 Hz)	White	<b>ZB4BV18M1</b>	0.054/0.119
		Green	<b>ZB4BV18M3</b>	0.054/0.119
		Red	<b>ZB4BV18M4</b>	0.054/0.119
		Orange	<b>ZB4BV18M5</b>	0.054/0.119
		Blue	<b>ZB4BV18M6</b>	0.054/0.119

(1) For a ~ 120 or 230 V supply, use complete body **ZB4BVG●** or **ZB4BVM●** with block for "test light" function type **ZBZM156**, see page 46 and 39.



# Control and signaling units Ø 22

Harmony® XB4, metal

Body/contact assemblies + light blocks with

BA 9s base fitting

To combine with:  
heads, see page 19  
contacts, see page 38

Complete body/contact assemblies and light blocks <sup>(1)</sup>						
For bulb with BA 9s base fitting (incandescent, neon or LED)						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Light source	Supply voltage V	Type of contact		Color of light source	Reference	Weight kg/lb
						
		N/O	N/C			

**Direct supply**

BA9s base fitting bulb, 2.4 W max, not included <sup>(2)</sup>	≤ 250	1	–	–	ZB4BW061	0.063/0.139
		–	1	–	ZB4BW062	0.063/0.139
		2	–	–	ZB4BW063	0.073/0.161
		1	1	–	ZB4BW065	0.073/0.161

**Supply via integral transformer (1.2 VA, 6 V secondary)**

BA9s base fitting incandescent bulb, included	~ 110...120 50/60 Hz	1	–	–	ZB4BW031	0.141/0.311
		1	1	–	ZB4BW035	0.151/0.333
	~ 230 50 Hz	1	–	–	ZB4BW041	0.141/0.311
		1	1	–	ZB4BW045	0.151/0.333
	~ 220...240 60 Hz	1	–	–	ZB4BW051	0.141/0.311
		1	1	–	ZB4BW055	0.151/0.333
BA9s base fitting LED, included	~ 110...120 50/60 Hz	1	1	White	ZB4BW03D15	0.151/0.333
				Green	ZB4BW03D35	0.151/0.333
				Red	ZB4BW03D45	0.151/0.333
				Orange	ZB4BW03D55	0.151/0.333
				Blue	ZB4BW03D65	0.151/0.333
	~ 230 50 Hz	1	1	White	ZB4BW04D15	0.151/0.333
				Green	ZB4BW04D35	0.151/0.333
				Red	ZB4BW04D45	0.151/0.333
				Orange	ZB4BW04D55	0.151/0.333
				Blue	ZB4BW04D65	0.151/0.333
	~ 220...240 60 Hz	1	1	White	ZB4BW05D15	0.152/0.335
				Green	ZB4BW05D35	0.152/0.335
Red				ZB4BW05D45	0.152/0.335	
Orange				ZB4BW05D55	0.152/0.335	
Blue				ZB4BW05D65	0.152/0.335	

**Other versions** Complete bodies with integral transformer incorporating Faston connector terminals (Ø 6.35 or 2 x 2.8mm/0.250 or 0.079 x 0.110 in.). Please consult our Customer Care Centre.

(1) Can be fitted with additional contact blocks: see page 38.  
(2) Bulb to be ordered separately: see page 60.



ZB4BW06



ZB4BW05



To combine with:  
heads, see page 35  
contacts, see page 38

### Light blocks

Screw clamp terminal connections (Schneider Electric anti-loosening system)

Description	Supply voltage V	Sold in lots of	Unit reference	Weight kg/lb
Direct supply for BA 9s base fitting bulb, 2.4 W max., not included (1)	≤ 250	5	ZBV6	0.016/0.035

### Complete light bodies (fixing collar + light block)

For bulb with BA 9s base fitting (incandescent, neon or LED)

Screw clamp terminal connections (Schneider Electric anti-loosening system)

Light source	Supply voltage V	Color of light source	Reference	Weight kg/lb
<b>Direct supply</b>				
BA 9s base fitting bulb, 2.4 W max, not included (1)	≤ 250	–	ZB4BV6	0.052/0.335
<b>Supply via integral transformer (1.2 VA, 6 V secondary)</b>				
BA 9s base fitting incandescent bulb, included	~ 110...120 -50/60 Hz	–	ZB4BV3	0.130/0.287
	~ 230 - 50 Hz	–	ZB4BV4	0.130/0.287
	~ 220...240 - 60 Hz	–	ZB4BV5	0.131/0.289
	~ 400 - 50 Hz	–	ZB4BV5	0.131/0.289
	~ 440...480 - 60 Hz	–	ZB4BV8	0.128/0.282
	~ 550...600 - 60 Hz	–	ZB4BV9	0.131/0.289
BA 9s base fitting LED, included	~ 110...120 - 50/60 Hz	White	ZB4BV3D1	0.134/0.295
		Green	ZB4BV3D3	0.134/0.295
		Red	ZB4BV3D4	0.134/0.295
		Orange	ZB4BV3D5	0.134/0.295
		Blue	ZB4BV3D6	0.134/0.295
		–	–	–
	~ 230 - 50 Hz ~ 220...240 - 60 Hz	White	ZB4BV4D1	0.134/0.295
		Green	ZB4BV4D3	0.134/0.295
		Red	ZB4BV4D4	0.134/0.295
		Orange	ZB4BV4D5	0.134/0.295
		Blue	ZB4BV4D6	0.134/0.295
		–	–	–
	~ 400 - 50/60 Hz	White	ZB4BV5D1	0.134/0.295
		Green	ZB4BV5D3	0.134/0.295
		Red	ZB4BV5D4	0.134/0.295
		Orange	ZB4BV5D5	0.134/0.295
		Blue	ZB4BV5D6	0.134/0.295
		–	–	–



ZB4BV6



ZB4BV●



ZB4BV156

### Complete light bodies with 3-terminal "test" function (fixing collar + light block)

For bulb with BA 9s base fitting (incandescent, neon or LED)

Screw clamp terminal connections (Schneider Electric anti-loosening system)

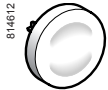
#### Direct supply

BA 9s base fitting bulb, 2.4 W max, not included (1)	≤ 250	–	ZB4BV156	0.062/0.137
Other versions	Complete bodies with Faston connector terminals (Ø 6.35 or 2 x 2.8mm/0.250 or 0.079 x 0.110 in.), see page 42.			

(1) Bulb to be ordered separately, see page 60.



ZBA●



ZBL●



ZBA●33

## Pushbutton caps - unmarked

For use with	Type of push	Color	Sold in lots of	Unit reference	Weight kg/lb
ZBABA0 pushbutton heads supplied without cap	Flush	White	10	ZBA1	0.001/0.002
		Black	10	ZBA2	0.001/0.002
		Green	10	ZBA3	0.001/0.002
		Red	10	ZBA4	0.001/0.002
		Yellow	10	ZBA5	0.001/0.002
		Blue	10	ZBA6	0.001/0.002
		6 colors (1)	1	ZBA9	0.006/0.013
	Projecting	White	10	ZBL1	0.001/0.002
Black		10	ZBL2	0.001/0.002	
Green		10	ZBL3	0.001/0.002	
Red		10	ZBL4	0.001/0.002	
Yellow		10	ZBL5	0.001/0.002	
Blue		10	ZBL6	0.001/0.002	
		6 colors (1)	1	ZBL9	0.006/0.013

## Pushbutton caps - marked

For use with	Type of push	Marking		Color of cap	Unit reference	Weight kg/lb
		Text	Color			
ZBABA0 pushbutton heads supplied without cap (sold in lots of 10)	Flush	I (2)	White	Green	ZBA331	0.001/0.002
			Black	White	ZBA131	0.001/0.002
		II	White	Green	ZBA336	0.001/0.002
			Black	White	ZBA136	0.001/0.002
		III	White	Green	ZBA337	0.001/0.002
			Black	White	ZBA137	0.001/0.002
		IV	White	Green	ZBA338	0.001/0.002
			Black	White	ZBL138	0.001/0.002
		START (2)	White	Green	ZBA333	0.001/0.002
			Black	White	ZBA133	0.001/0.002
		ON	White	Green	ZBA341	0.001/0.002
			Black	White	ZBA141	0.001/0.002
		MARCHE	White	Green	ZBA342	0.001/0.002
			Black	White	ZBA142	0.001/0.002
		UP (2)	Black	White	ZBA343	0.001/0.002
		DOWN (2)	White	Black	ZBA344	0.001/0.002
		⊕ (2)	White	Black	ZBA245	0.001/0.002
			Black	White	ZBA145	0.001/0.002
		↑ (3)	White	Black	ZBA335	0.001/0.002
			Black	White	ZBA334	0.001/0.002
		O (2)	White	Red	ZBA432	0.001/0.002
				Black	ZBA232	0.001/0.002
		ARRET	White	Red	ZBA433	0.001/0.002
				Black	ZBA233	0.001/0.002
		STOP (2)	White	Red	ZBA434	0.001/0.002
				Black	ZBA234	0.001/0.002
		OFF	White	Red	ZBA435	0.001/0.002
				Black	ZBA235	0.001/0.002
		⚠	White	Green	ZBA346	0.001/0.002
		R (2)	White	Blue	ZBA639	0.001/0.002
+	White	Black	ZBA2934	0.001/0.002		
-	White	Black	ZBA2935	0.001/0.002		

(1) Set of 6 different colored caps: white, black, green, red, yellow, blue.

(2) Double injection moulded marking.

(3) Can be clipped-in at 90° steps, through 360°.

DF540778



ZBP0

#### Transparent boots for pushbuttons (1)

Description	For use with XB4 metal pushbuttons	Sold in lots of	Unit reference	Weight kg/lb
Single boots (2)	Flush with circular head	10	ZBPA	0.002/0.004
	Projecting with circular head and push-push version	10	ZBP0	0.002/0.004
	Flush or projecting with circular head for food industry applications	10	ZBP0A	0.002/0.004

#### Colored boots

Description	Color	For use with	Sold in lots of	Unit reference	Weight kg/lb
Colored boots (can be replaced without dismantling the head)	White	ZB4BP1S	10	ZBP011	0.003/0.007
	Black	ZB4BP2S	10	ZBP012	0.003/0.007
	Green	ZB4BP3S	10	ZBP013	0.003/0.007
	Red	ZB4BP4S	10	ZBP014	0.003/0.007
	Yellow	ZB4BP5S	10	ZBP015	0.003/0.007
	Blue	ZB4BP6S	10	ZBP016	0.003/0.007
Clear membrane	Transparent	ZB4BP●83	10	ZBP017	0.003/0.007

#### Lens caps

For use with	Color	Sold in lots of	Unit reference	Weight kg/lb
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##### Lens caps for light sources with integral LED

Pilot lights	White	10	ZBV0113	0.002/0.004
	Green	10	ZBV0133	0.002/0.004
	Red	10	ZBV0143	0.002/0.004
	Orange	10	ZBV0153	0.002/0.004
	Blue	10	ZBV0163	0.002/0.004
	5 different colored grooved lenses (3)	10	ZBV0103S	0.010/0.022

Illuminated pushbuttons, with flush push	White	10	ZBW9113	0.002/0.004
	Green	10	ZBW9133	0.002/0.004
	Red	10	ZBW9143	0.002/0.004
	Orange	10	ZBW9153	0.002/0.004
	Blue	10	ZBW9163	0.002/0.004

Illuminated pushbuttons, with projecting push	White	10	ZBW9313	0.002/0.004
	Green	10	ZBW9333	0.002/0.004
	Red	10	ZBW9343	0.002/0.004
	Orange	10	ZBW9353	0.002/0.004
	Blue	10	ZBW9363	0.002/0.004

##### Lens caps for light sources with BA 9s base fitting

Pilot lights	White	10	ZBV011	0.002/0.004
	Green	10	ZBV013	0.002/0.004
	Red	10	ZBV014	0.002/0.004
	Orange	10	ZBV015	0.002/0.004
	Blue	10	ZBV016	0.002/0.004
	Clear	10	ZBV017	0.002/0.004

Illuminated pushbuttons, with flush push	White	10	ZBW911	0.002/0.004
	Green	10	ZBW913	0.002/0.004
	Red	10	ZBW914	0.002/0.004
	Orange	10	ZBW915	0.002/0.004
	Blue	10	ZBW916	0.002/0.004
	Clear	10	ZBW917	0.002/0.004

Illuminated pushbuttons, with projecting push	White	10	ZBW931	0.002/0.004
	Green	10	ZBW933	0.002/0.004
	Red	10	ZBW934	0.002/0.004
	Orange	10	ZBW935	0.002/0.004
	Blue	10	ZBW936	0.002/0.004
	Clear	10	ZBW937	0.002/0.004

(1) Boots for multiple-headed pushbuttons: see page 21.

(2) Permissible panel thickness 1 to 5 mm, cannot be used with legend holders.

(3) Clear, green, red, orange, blue.

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ZBV01●3

DF540780



ZBV01●

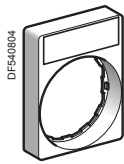
# Control and signaling units Ø 22

Harmony® XB4 metal

8 x 27 mm legends with 30 x 40 mm legend holders



ZBZ34



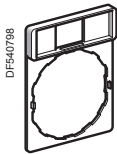
ZBY•H101

**Ø 30 x 40 mm/1.181 x 1.575 in. legend holders (flush mounting with bezel) for Ø 8 x 27 mm/0.315 x 1.063 in. legends (1)**

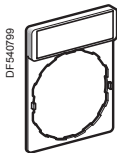
Description	Legend		Sold in lots of	Unit reference	Weight kg/lb
	Color	Marking			
Without legend	–	–	10	ZBZ34	0.003/0.007
With blank legend	Black or red background	–	10	ZBY2H101	0.004/0.009
	White or yellow background	–	10	ZBY4H101	0.004/0.009

**Standard (Ø 30 x 40 mm/1.181 x 1.575 in. ) legend holders for Ø 8 x 27 mm/0.315 x 1.063 in. legends (1)**

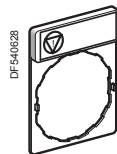
Description	Legend		Sold in lots of	Unit reference	Weight kg/lb		
	Color	Marking					
Without legend	–	–	10	ZBZ32	0.001/0.002		
With blank legend (for engraving)	Black or red background	–	10	ZBY2101	0.002/0.004		
	White or yellow background	–	10	ZBY4101	0.002/0.004		
With 8 x 27 mm legend (with International marking) (2)	Black or red background	O (black background)	10	ZBY2146	0.002/0.004		
		O (red background)	10	ZBY2931	0.002/0.004		
		I	10	ZBY2147	0.002/0.004		
		II	10	ZBY2148	0.002/0.004		
		O-I	10	ZBY2178	0.002/0.004		
		I-II	10	ZBY2179	0.002/0.004		
		I-O-II	10	ZBY2186	0.002/0.004		
		AUTO	10	ZBY2115	0.002/0.004		
		STOP	10	ZBY2304	0.002/0.004		
		Yellow background	Ⓢ	10	ZBY4140 (3)	0.002/0.004	
		With 8 x 27 mm legend (with French language marking) (2)	Black or red background	ARRET (red backgr.)	10	ZBY2104	0.002/0.004
				ARRET (black backgr.)	10	ZBY0104	0.002/0.004
				ARRET GENERAL	10	ZBY2129	0.002/0.004
				ARRET REARMEMENT	10	ZBY2133	0.002/0.004
ARRET-MARCHE	10			ZBY2166	0.002/0.004		
ARRIERE	10			ZBY2106	0.002/0.004		
AUTO CYCLE-CYCLE	10			ZBY2198	0.002/0.004		
AUTO CYCLE-MAIN	10			ZBY2199	0.002/0.004		
AUTO-MAIN	10			ZBY2164	0.002/0.004		
AUTO-O-MAIN	10			ZBY2185	0.002/0.004		
AVANT	10			ZBY2105	0.002/0.004		
AVANT-O-ARRIERE	10			ZBY2184	0.002/0.004		
C-P-C-NORMAL	10			ZBY2165	0.002/0.004		
CYCLE-MAIN	10			ZBY2197	0.002/0.004		
DECLENCHEMENT	10	ZBY2132	0.002/0.004				
DEFAUT (black backgr.)	10	ZBY2134	0.002/0.004				
DEFAUT (red backgr.)	10	ZBY2135	0.002/0.004				
DEPART CYCLE	10	ZBY2195	0.002/0.004				
DESCENTE	10	ZBY2108	0.002/0.004				
DROITE	10	ZBY2109	0.002/0.004				
ENCLENCHEMENT	10	ZBY2131	0.002/0.004				
EN SERVICE	10	ZBY2111	0.002/0.004				
FERMETURE	10	ZBY2114	0.002/0.004				
GAUCHE	10	ZBY2110	0.002/0.004				
HORS SERVICE	10	ZBY2112	0.002/0.004				
HORS-EN	10	ZBY2167	0.002/0.004				
LENT	10	ZBY2127	0.002/0.004				
MAIN	10	ZBY2116	0.002/0.004				
MARCHE	10	ZBY2103	0.002/0.004				
MONTEE	10	ZBY2107	0.002/0.004				
OUVERTURE	10	ZBY2113	0.002/0.004				
PHASE / PHASE	10	ZBY2196	0.002/0.004				
REARMEMENT (red background)	10	ZBY2123	0.002/0.004				
REARMEMENT (black background)	10	ZBY0123	0.002/0.004				
SOUS TENSION	10	ZBY2126	0.002/0.004				
VITE	10	ZBY2128	0.002/0.004				
Red background	ARRET D'URGENCE	10	ZBY2130 (3)	0.002/0.004			



ZBZ32



ZBY•101



ZBY4140

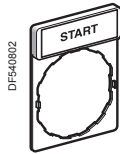


ZBY2107

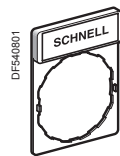
(1) For legends, see pages 54 to 56.

(2) "Start" functions: white letters on black background. "Stop" functions: white letters on red background (unless otherwise specified above).

(3) For complying with EN/ISO 13850 standard, paragraph 4.4.6., Emergency Stop function logo Ⓢ has been added.



ZBY2303



ZBY2228

**Standard (Ø 30 x 40 mm/1.181 x 1.575 in.) legend holders with Ø 8 x 27 mm/0.315 x 1.063 in. legends (continued)**

Description	Legend		Sold in lots of	Unit Reference	Weight kg/lb
	Color	Marking			
With legend (with English language marking)	Black or red background (1)	AUTO-HAND	10	ZBY2364	0.002/0.004
		AUTO-O-HAND	10	ZBY2385	0.002/0.004
		CLOSE	10	ZBY2314	0.002/0.004
		DOWN	10	ZBY2308	0.002/0.004
		FAST	10	ZBY2328	0.002/0.004
		FORWARD	10	ZBY2305	0.002/0.004
		HAND	10	ZBY2316	0.002/0.004
		HAND-OFF-AUTO	10	ZBY2387	0.002/0.004
		INCH	10	ZBY2321	0.002/0.004
		LEFT	10	ZBY2310	0.002/0.004
		OFF	10	ZBY2312	0.002/0.004
		OFF-ON	10	ZBY2367	0.002/0.004
		ON	10	ZBY2311	0.002/0.004
		OPEN	10	ZBY2313	0.002/0.004
		POWER ON	10	ZBY2326	0.002/0.004
		RESET (red background)	10	ZBY2323	0.002/0.004
		RESET (black background)	10	ZBY2322	0.002/0.004
		REVERSE	10	ZBY2306	0.002/0.004
		RIGHT	10	ZBY2309	0.002/0.004
		RUN	10	ZBY2334	0.002/0.004
		SLOW	10	ZBY2327	0.002/0.004
		START	10	ZBY2303	0.002/0.004
		STOP-START	10	ZBY2366	0.002/0.004
UP	10	ZBY2307	0.002/0.004		
	Red background	EMERGENCY STOP	10	ZBY2330 (2)	0.002/0.004
With legend (with German language marking)	Black or red background (1)	AB	10	ZBY2208	0.002/0.004
		AUF	10	ZBY2207	0.002/0.004
		AUS	10	ZBY2204	0.002/0.004
		AUS-EIN	10	ZBY2266	0.002/0.004
		AUS-IN BETRIEB	10	ZBY2267	0.002/0.004
		AUS-RÜCKSTELLUNG	10	ZBY2233	0.002/0.004
		AUSSCHALTEN	10	ZBY2232	0.002/0.004
		AUTO-HAND	10	ZBY2364	0.002/0.004
		AUTO-O-HAND	10	ZBY2385	0.002/0.004
		AUTOZYKL-HAND	10	ZBY2299	0.002/0.004
		AUTOZYKL- 1 ZYKL	10	ZBY2298	0.002/0.004
		C-P-C-NORMAL	10	ZBY2265	0.002/0.004
		EIN	10	ZBY2203	0.002/0.004
		EINSCHALTEN	10	ZBY2231	0.002/0.004
		HAND	10	ZBY2316	0.002/0.004
		LANGSAM	10	ZBY2227	0.002/0.004
		LINKS	10	ZBY2210	0.002/0.004
		NOT-AUS (red background)	10	ZBY2230	0.002/0.004
		ÖFFNEN	10	ZBY2213	0.002/0.004
		RECHTS	10	ZBY2209	0.002/0.004
		RÜCKSTELLUNG	10	ZBY2223	0.002/0.004
		SCHLIESSEN	10	ZBY2214	0.002/0.004
		SCHNELL	10	ZBY2228	0.002/0.004
		SPANNUNG EIN	10	ZBY2226	0.002/0.004
		STEUERUNG AUS	10	ZBY2212	0.002/0.004
		STEUERUNG EIN	10	ZBY2211	0.002/0.004
		STÖRUNG (black background)	10	ZBY2234	0.002/0.004
		STÖRUNG (red background)	10	ZBY2235	0.002/0.004
		VOR	10	ZBY2205	0.002/0.004
		VOR-O-ZURÜCK	10	ZBY2284	0.002/0.004
		ZURÜCK	10	ZBY2206	0.002/0.004
		ZYKLUS-HAND	10	ZBY2297	0.002/0.004
		ZYKLUSSTART	10	ZBY2295	0.002/0.004
	Red background	NOT-HALT	10	ZBY2229 (2)	0.002/0.004
	Yellow background	NOT-HALT	10	ZBY22420001 (2)	0.002/0.004

(1) "Start" functions: white letters on black background. "Stop" functions: white letters on red background (unless otherwise specified above).

(2) For complying with EN/ISO 13850 standard, paragraph 4.4.6., Emergency Stop function logo  has been added.

**Ø 8 x 27 mm/0.315 x 1.063 in. marked legends (for Ø 30 x 40 mm/1.181 x 1.575 in. legend holders ZBZ32 and ZBZ34)**

Language	Color of background	Marking	Sold in lots of	Unit Reference	Weight kg/lb		
Without	Black or red	–	10	ZBY0101	0.001/0.002		
	White or yellow	–	10	ZBY0102	0.001/0.002		
International	Black or red (1)	O (black background)	10	ZBY02146	0.001/0.002		
		O (red background)	10	ZBY02931	0.001/0.002		
		I	10	ZBY02147	0.001/0.002		
		II	10	ZBY02148	0.001/0.002		
		O-I	10	ZBY02178	0.001/0.002		
		I-II	10	ZBY02179	0.001/0.002		
		I-O-II	10	ZBY02186	0.001/0.002		
		AUTO	10	ZBY02115	0.001/0.002		
		STOP	10	ZBY02304	0.001/0.002		
		Yellow		10	ZBY0140 (2)	0.001/0.002	
		French	Black or red (1)	ARRET (red background)	10	ZBY02104	0.001/0.002
				ARRET (black background)	10	ZBY00104	0.001/0.002
				ARRET GENERAL	10	ZBY02129	0.001/0.002
ARRET REARMEMENT	10			ZBY02133	0.001/0.002		
ARRET-MARCHE	10			ZBY02166	0.001/0.002		
ARRIERE	10			ZBY02106	0.001/0.002		
AUTO CYCLE-CYCLE	10			ZBY02198	0.001/0.002		
AUTO CYCLE-MAIN	10			ZBY02199	0.001/0.002		
AUTO-MAIN	10			ZBY02164	0.001/0.002		
AUTO-O-MAIN	10			ZBY02185	0.001/0.002		
AVANT	10			ZBY02105	0.001/0.002		
AVANT-O-ARRIERE	10			ZBY02184	0.001/0.002		
C-P-C-NORMAL	10			ZBY02165	0.001/0.002		
CYCLE-MAIN	10			ZBY02197	0.001/0.002		
DECLENCHEMENT	10			ZBY02132	0.001/0.002		
DEFAULT (black background)	10			ZBY02134	0.001/0.002		
DEFAULT (red background)	10			ZBY02135	0.001/0.002		
DEPART CYCLE	10			ZBY02195	0.001/0.002		
DESCENTE	10			ZBY02108	0.001/0.002		
DROITE	10			ZBY02109	0.001/0.002		
ENCLENCHEMENT	10			ZBY02131	0.001/0.002		
EN SERVICE	10			ZBY02111	0.001/0.002		
FERMETURE	10			ZBY02114	0.001/0.002		
GAUCHE	10			ZBY02110	0.001/0.002		
HORS SERVICE	10			ZBY02112	0.001/0.002		
HORS-EN	10			ZBY02167	0.001/0.002		
LENT	10			ZBY02127	0.001/0.002		
MAIN	10			ZBY02116	0.001/0.002		
MARCHE	10			ZBY02103	0.001/0.002		
MONTEE	10			ZBY02107	0.001/0.002		
OUVERTURE	10			ZBY02113	0.001/0.002		
PHASE / PHASE	10			ZBY02196	0.001/0.002		
REARMEMENT (red background)	10			ZBY02123	0.001/0.002		
REARMEMENT (black background)	10			ZBY00123	0.001/0.002		
SOUS TENSION	10			ZBY02126	0.001/0.002		
VITE	10			ZBY02128	0.001/0.002		
Red				ARRET D'URGENCE	10	ZBY02130 (2)	0.001/0.002

(1) "Start" functions: white letters on black background. "Stop" functions: white letters on red background (unless otherwise specified above)

(2) For complying with EN/ISO 13850 standard, paragraph 4.4.6., Emergency Stop function logo  has been added.

DF540805



ZBY02178

DF540829



ZBY0140

DF540806



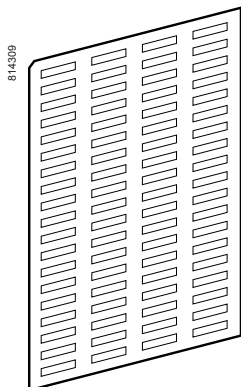
ZBY0104

**Ø 8 x 27 mm/0.315 x 1.063 in. marked legends (for Ø 30 x 40 mm/1.181 x 1.575 in. legend holders ZBZ32 and ZBZ34) (continued)**

Language	Color of background	Marking	Sold in lots of	Unit Reference	Weight kg/lb		
English	Black or red (1)	AUTO-HAND	10	ZBY02364	0.001/0.002		
		AUTO-O-HAND	10	ZBY02385	0.001/0.002		
		CLOSE	10	ZBY02314	0.001/0.002		
		DOWN	10	ZBY02308	0.001/0.002		
		FAST	10	ZBY02328	0.001/0.002		
		FORWARD	10	ZBY02305	0.001/0.002		
		HAND	10	ZBY02316	0.001/0.002		
		HAND-OFF-AUTO	10	ZBY02387	0.001/0.002		
		INCH	10	ZBY02321	0.001/0.002		
		LEFT	10	ZBY02310	0.001/0.002		
		OFF	10	ZBY02312	0.001/0.002		
		OFF-ON	10	ZBY02367	0.001/0.002		
		ON	10	ZBY02311	0.001/0.002		
		OPEN	10	ZBY02313	0.001/0.002		
		POWER ON	10	ZBY02326	0.001/0.002		
		RESET (red background)	10	ZBY02323	0.001/0.002		
		RESET (black background)	10	ZBY02322	0.001/0.002		
		REVERSE	10	ZBY02306	0.001/0.002		
		RIGHT	10	ZBY02309	0.001/0.002		
		RUN	10	ZBY02334	0.001/0.002		
		SLOW	10	ZBY02327	0.001/0.002		
		START	10	ZBY02303	0.001/0.002		
		STOP-START	10	ZBY02366	0.001/0.002		
		UP	10	ZBY02307	0.001/0.002		
			Red	EMERGENCY STOP	10	ZBY02330 (2)	0.001/0.002
German	Black or red (1)	AB	10	ZBY02208	0.001/0.002		
		AUF	10	ZBY02207	0.001/0.002		
		AUS	10	ZBY02204	0.001/0.002		
		AUS-EIN	10	ZBY02266	0.001/0.002		
		AUS-IN BETRIEB	10	ZBY02267	0.001/0.002		
		AUS-RÜCKSTELLUNG	10	ZBY02233	0.001/0.002		
		AUSSCHALTEN	10	ZBY02232	0.001/0.002		
		AUTO-HAND	10	ZBY02364	0.001/0.002		
		AUTO-O-HAND	10	ZBY02385	0.001/0.002		
		AUTOZYKL-HAND	10	ZBY02299	0.001/0.002		
		AUTOZYKL- 1 ZYKL	10	ZBY02298	0.001/0.002		
		C-P-C-NORMAL	10	ZBY02265	0.001/0.002		
		EIN	10	ZBY02203	0.001/0.002		
		EINSCHALTEN	10	ZBY02231	0.001/0.002		
		HAND	10	ZBY02316	0.001/0.002		
		LANGSAM	10	ZBY02227	0.001/0.002		
		LINKS	10	ZBY02210	0.001/0.002		
		NOT-AUS (red background)	10	ZBY02230	0.001/0.002		
		ÖFFNEN	10	ZBY02213	0.001/0.002		
		RECHTS	10	ZBY02209	0.001/0.002		
		RÜCKSTELLUNG	10	ZBY02223	0.001/0.002		
		SCHLIESSEN	10	ZBY02214	0.001/0.002		
		SCHNELL	10	ZBY02228	0.001/0.002		
		SPANNUNG EIN	10	ZBY02226	0.001/0.002		
		STEUERUNG AUS	10	ZBY02212	0.001/0.002		
		STEUERUNG EIN	10	ZBY02211	0.001/0.002		
		STÖRUNG (black background)	10	ZBY02234	0.001/0.002		
		STÖRUNG (red background)	10	ZBY02235	0.001/0.002		
		VOR	10	ZBY02205	0.001/0.002		
		VOR-O-ZURÜCK	10	ZBY02284	0.001/0.002		
		ZURÜCK	10	ZBY02206	0.001/0.002		
		ZYKLUS-HAND	10	ZBY02297	0.001/0.002		
		ZYKLUSSTART	10	ZBY02295	0.001/0.002		
			Red	NOT-HALT	10	ZBY02229 (2)	0.001/0.002
			Yellow	NOT-HALT	10	ZBY022420001 (2)	0.001/0.002

DF540807  
START  
ZBY02303

DF540808  
SCHNELL  
ZBY02228



814309  
ZBY4100

**Sheets of peel-off legends (with backing board and protective transparent cover)**

Description	For use with	Sold in lots of	Unit reference	Weight kg/lb
Sheet of 76 legends Ø 8 x 27 mm/0.315 x 1.063 in.	Ø 30 x 40 mm/1.181 x 1.575 in. legend holder ZBZ32 and ZBZ34	10	ZBY4100	0.043/0.095

(1) "Start" functions: white letters on black background. "Stop" functions: white letters on red background (unless otherwise specified above).

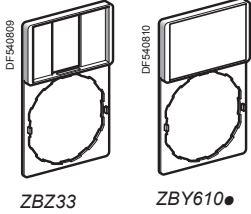
(2) For complying with EN/ISO 13850 standard, paragraph 4.4.6., Emergency Stop function logo  has been added.

# Control and signaling units Ø 22

Harmony® XB4 metal

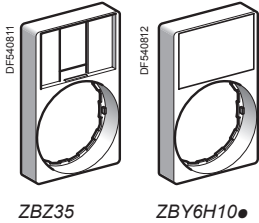
Legend holders for 18 x 27 mm legends

18 x 27 mm legends for engraving or printing



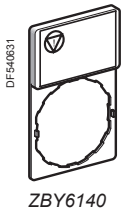
### Standard (Ø 30 x 50 mm/1.181 x 1.968 in.) legend holders for Ø 18 x 27 mm/0.709 x 1.063 in. legends

Description	Color of background	Sold in lots of	Unit reference	Weight kg/lb
Without legend	–	10	ZBZ33	0.001/0.002
With blank legend	Black or red	10	ZBY6101	0.002/0.004
	White or yellow	10	ZBY6102	0.002/0.004
	Yellow	10	ZBY6140 (1)	0.002/0.004



### Ø 30 x 50 mm/1.181 x 1.968 in. legend holder (flush mounting with bezel) for Ø 18 x 27 mm/0.709 x 1.063 in. legends

Description	Color of background	Sold in lots of	Unit reference	Weight kg/lb
Without legend	–	10	ZBZ35	0.003/0.007
With blank legend	Black or red	10	ZBY6H101	0.004/0.009
	White or yellow	10	ZBY6H102	0.004/0.009



### Ø 18 x 27 mm/0.709 x 1.063 in. legends for engraving (for Ø 30 x 50 mm/1.181 x 1.968 in. legend-holders)

Description	Language	Marking	Sold in lots of	Unit reference	Weight kg/lb
Black or red background	–	Without	10	ZBY5101	0.001/0.002
White or yellow background	–	Without	10	ZBY5102	0.001/0.002
Yellow background	International		10	ZBY6140 (1)	0.001/0.002
	French	ARRET D'URGENCE	10	ZBY55130 (1)	0.001/0.002
	English	EMERGENCY STOP	10	ZBY55330 (1)	0.001/0.002

### Sheets of peel-off legends (with backing board and protective transparent cover)

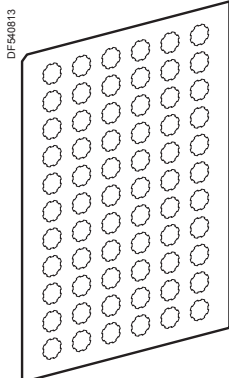
Description	For use with	Sold in lots of	Unit reference	Weight kg/lb
Sheet of 40 Ø 18 x 27 mm/0.709 x 1.063 in. legends	Ø 30 x 50 mm/1.181 x 1.968 in. legend holder ZBZ33 and ZBZ35	10	ZBY5100	0.044

(1) For complying with EN/ISO 13850 standard, paragraph 4.4.6., Emergency Stop function logo has been added.

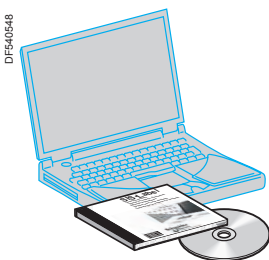


## Legends for XB4B pushbuttons, illuminated pushbuttons and pilot lights

Description	Language	Marking	Sold in lots of	Unit reference	Weight kg/lb
Sheets of 66 circular peel-off, transparent, self-adhesive legends	–	Without	10	ZBY1101	0.017/0.037
Strips of 66 circular peel-off, transparent, self-adhesive legends	International	O	10	ZBY1146	0.017/0.037
		I	10	ZBY1147	0.017/0.037
		II	10	ZBY1148	0.017/0.037
		III	10	ZBY1149	0.017/0.037
		STOP	10	ZBY1304	0.017/0.037
	French	↑	10	ZBY1912	0.017/0.037
		ARRET	10	ZBY1104	0.017/0.037
		ARRIERE	10	ZBY1106	0.017/0.037
		AUTO	10	ZBY1115	0.017/0.037
		AVANT	10	ZBY1105	0.017/0.037
		DESCENTE	10	ZBY1108	0.017/0.037
		MAIN	10	ZBY1116	0.017/0.037
	English	MARCHE	10	ZBY1103	0.017/0.037
		MONTEE	10	ZBY1107	0.017/0.037
		HAND	10	ZBY1316	0.017/0.037
		OFF	10	ZBY1312	0.017/0.037
	German	ON	10	ZBY1311	0.017/0.037
START		10	ZBY1303	0.017/0.037	
AB		10	ZBY1208	0.017/0.037	
AUF		10	ZBY1207	0.017/0.037	
AUS		10	ZBY1204	0.017/0.037	
EIN	10	ZBY1203	0.017/0.037		
ZU	10	ZBY1214	0.017/0.037		



ZBY1101



ZBY2U

## "SIS Label" labelling software

Application	For use with	Reference	Weight kg/lb
Legend design for English, French, German, Spanish, Italian	ZBY001, ZBY0101, ZBY0102, ZBY1101 ZBY4100, ZBY5100, ZBY5101 and ZBY5102	ZBY2U	0.100/0.220

## Circular yellow legends for mushroom head pushbuttons

Used for "Emergency stop" function (1)

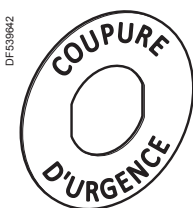
Diameter mm/in.	Conforming to standards	Marking on yellow background	Sold in lots of	Unit Reference	Weight kg/lb
60/2.362	EN/IEC 60204-1 and EN/ISO 13850	–	10	ZBY9140	0.004/0.009
		ARRET D'URGENCE	10	ZBY9130	0.004/0.009
		EMERGENCY STOP	10	ZBY9330	0.004/0.009
		NOT-HALT	10	ZBY9230	0.004/0.009
		PARADA DE EMERGENCIA	10	ZBY9430	0.004/0.009
		ARRESTO DE EMERGENZA	10	ZBY9630	0.004/0.009
90/3.543	EN/IEC 60204-1 and EN/ISO 13850	–	10	ZBY8140	0.008/0.018
		ARRET D'URGENCE	10	ZBY8130	0.008/0.018
		EMERGENCY STOP	10	ZBY8330	0.008/0.018
		NOT-HALT	10	ZBY8230	0.008/0.018
		PARADA DE EMERGENCIA	10	ZBY8430	0.008/0.018
		ARRESTO DE EMERGENZA	10	ZBY8630	0.008/0.018

Used for "Emergency switching off" function

60/2.362	EN/IEC 60204-1	–	10	ZBY9101	0.004/0.009
		COUPURE D'URGENCE	10	ZBY9160	0.004/0.009
		EMERGENCY SWITCHING OFF	10	ZBY9360	0.004/0.009
		NOT-AUS	10	ZBY9260	0.004/0.009
		DESCONEXION DE EMERGENCIA	10	ZBY9460	0.004/0.009
		INTERRUZIONE DI EMERGENZA	10	ZBY9660	0.004/0.009
90/3.543	EN/IEC 60204-1	–	10	ZBY8101	0.008/0.018
		COUPURE D'URGENCE	10	ZBY8160	0.008/0.018
		EMERGENCY SWITCHING OFF	10	ZBY8360	0.008/0.018
		NOT-AUS	10	ZBY8260	0.008/0.018
		DESCONEXION DE EMERGENCIA	10	ZBY8460	0.008/0.018
		INTERRUZIONE DI EMERGENZA	10	ZBY8660	0.008/0.018

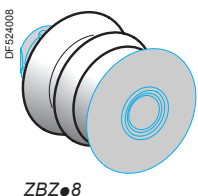
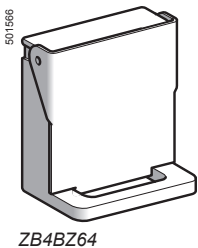
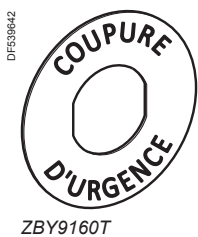
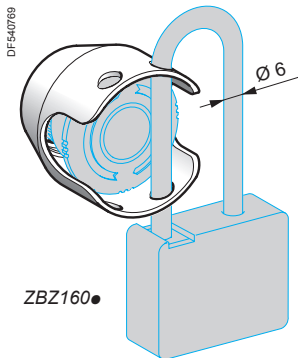
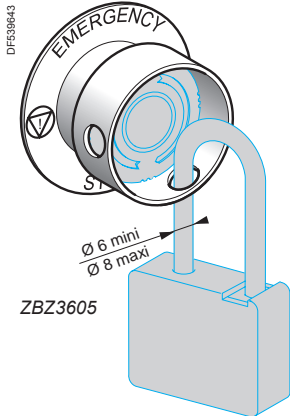


ZBY9130



ZBY9160

(1) For complying with EN/ISO 13850 standard, paragraph 4.4.6., Emergency Stop function logo  has been added.



### Accessories for mushroom head pushbuttons

Description	Exclusive use with the following Ø 40 mm/1.575 in. trigger action pushbuttons	Color	Reference	Weight kg/lb
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<b>Padlocking kit (1) (2)</b> For Emergency stop (3) and Emergency switching off function (4), (padlockable)	XB4BS844●, XB4BS9445, ZB4BS844, ZB4BS944●.	Yellow	<b>ZBZ3605</b>	0.045/0.099
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<b>Metal guards</b> For Emergency stop (3) function Padlockable (2)	XB4BT8●, XB4BS8●, XB4BS9●, ZB4BT8●,	Chromium plated	<b>ZBZ1600</b>	0.046/0.101
		Black	<b>ZBZ1602</b>	0.046/0.101
	ZB4BS8●, ZB4BS9●.	Red	<b>ZBZ1604</b>	0.046/0.101
		Blue	<b>ZBZ1606</b>	0.046/0.101

Description	Marking	Color	Reference	Weight kg/lb
<b>Ø 60 mm/2.362 in. legend for padlocking device ZBZ3605</b> For Emergency stop function (3)	Without	Yellow	<b>ZBY9140T</b>	0.004/0.009
	ARRET D'URGENCE	Yellow	<b>ZBY9130T</b>	0.004/0.009
	EMERGENCY STOP	Yellow	<b>ZBY9330T</b>	0.004/0.009
	NOT-HALT	Yellow	<b>ZBY9230T</b>	0.004/0.009

<b>Ø 60 mm/2.362 in. legend for padlocking device ZBZ3605</b> For Emergency switching off function (4)	Without	Yellow	<b>ZBY9101T</b>	0.004/0.009
	COUPURE D'URGENCE	Yellow	<b>ZBY9160T</b>	0.004/0.009
	EMERGENCY SWITCHING OFF	Yellow	<b>ZBY9360T</b>	0.004/0.009
	NOT-AUS	Yellow	<b>ZBY9260T</b>	0.004/0.009

### Other accessories

Description	For use with	Color	Reference	Weight kg/lb
<b>Plastic guard</b>	Selector switches and key switches	Black	<b>ZBZ2102</b>	0.005/0.011

<b>Padlockable flaps</b>	Pushbuttons	Black	<b>ZB4BZ62</b>	0.076/0.168
		Red	<b>ZB4BZ64</b>	0.076/0.168
		Yellow	<b>ZB4BZ65</b>	0.076/0.168
		Blue	<b>ZB4BZ66</b>	0.076/0.168

Description	For use with	Color	Sold in lots of	Unit reference	Weight kg/lb
<b>Bellows seals for harsh environments</b> (Environments subject to humidity, dust, high-pressure cleaning etc...) IP 69K (5)	Pushbuttons	Red	2	<b>ZBZ48</b>	0.009/0.020
		Black	2	<b>ZBZ28</b>	0.009/0.020
		Yellow	2	<b>ZBZ58</b>	0.009/0.020

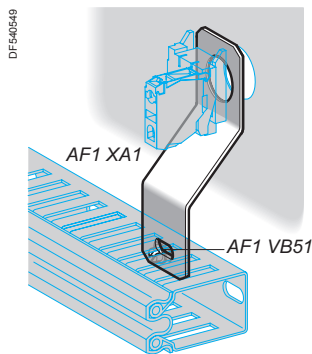
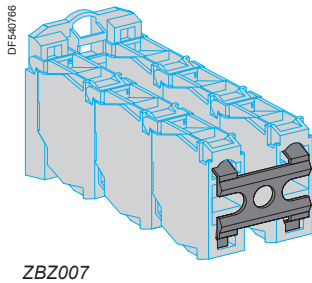
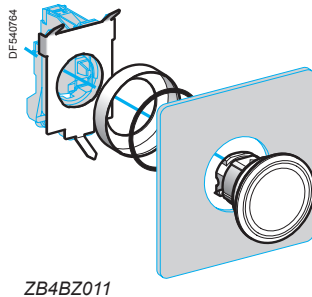
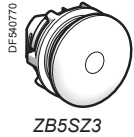
(1) Standard circular legends are not compatible with this product. Use special legends ZBY9●●●T.

(2) No isolation function is possible when this guard is fitted.

(3) Ensures conformity with standards EN/IEC 60204-1 and EN/ISO 13850.

(4) Ensures conformity with standard EN/IEC 60204-1.

(5) Only when mounted on control stations. Use legends ZBY9●●●T.

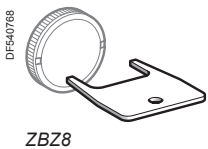
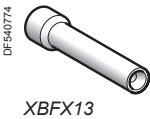


## Other accessories (continued)

Description	For use with	Color	Sold in lots of	Unit reference	Weight kg/lb
Metal circular blanking plug (1)	Ø 22 mm/0.866 in. control and signaling units	Chromium plated	10	ZB4SZ3	0.023/0.051
		Black	10	ZB4SZ37	0.023/0.051
Plastic blanking plug (with fixing nut)	Ø 22 mm/0.866 in. control and signaling units	Black	10	ZB5SZ3	0.009/0.020
Liquid spray protective washer to be fitted under the head	Ø 22 mm/0.866 in. control and signaling units	Chromium plated	50	ZB4BZ007	0.010/0.022
		Black	50	ZB4BZ0077	0.010/0.022
Flush mounting kit	Pushbutton ZB4B● with head mounted flush with bezel	Chromium plated	1	ZB4BZ011	0.007/0.015
		Black	1	ZB4BZ0117	0.007/0.015
Adapter (Ø 30 to Ø 22 mm/1.181 to 0.866 in. reducer)	All pushbuttons	Chromium plated	1	ZB4BZ012	–
Plastic clips	2 or 3 levels of contact blocks ZBE10● in high vibration environment	–	10	ZBZ007	–
Dummy contact block	Contact blocks ZBE10● and transformer blocks ZBV5B	–	5	ZBE000	–
Set of tabs for Faston connection	Contact blocks ZBE10● and light blocks ZBV●	–	10	ZBZ003	–
Description	Application		Sold in lots of	Unit reference	Weight kg/lb
Cable ducting support	Fixing beneath head		10	AF1XA1	0.030/0.066
M5 x 10 screw, with hexagonal slotted head	For fixing cable ducting		100	AF1VB510	0.003/0.007
Support	For pushbuttons, switches and pilot lights		1	DX1AP52	0.160/0.353
Boot for contact block ZBE10● and ZBE10● 3 (2)	For protection against dusty environment		1	ZBZ60	0.098/0.216

(1) Body/fixing collar ZB4BZ009 required for mounting must be ordered separately, see page 41.

(2) Restriction for use: refer to the product instruction sheet on [www.schneider-electric.com](http://www.schneider-electric.com).



## Bulbs with BA 9s base fitting and associated accessories

Description	Characteristics	Color	Sold in lots of	Unit reference	Weight kg/lb
LEDs	≈ 24 V	White	1	DL1CJ0241	0.002/0.004
		Green	1	DL1CJ0243	0.002/0.004
		Red	1	DL1CJ0244	0.002/0.004
		Orange	1	DL1CJ0245	0.002/0.004
		Blue	1	DL1CJ0246	0.002/0.004
	≈ 48 V	Green	1	DL1CJ0483	0.002/0.004
		Red	1	DL1CJ0484	0.002/0.004
		Orange	1	DL1CJ0485	0.002/0.004
	6 V - 1.2 W	White	1	DL1CD0061	0.002/0.004
		Green	1	DL1CD0063	0.002/0.004
		Red	1	DL1CD0064	0.002/0.004
		Orange	1	DL1CD0065	0.002/0.004
		Blue	1	DL1CD0066	0.002/0.004
Incandescent bulbs	6 V - 1.2 W	–	10	DL1CB006	0.002/0.004
	24 V - 2 W	–	10	DL1CE024	0.002/0.004
	120...130 V 2.4 W	–	10	DL1CE130	0.002/0.004
Neon bulbs	120...130 V	–	10	DL1CF110	0.002/0.004
	230...240 V	–	10	DL1CF220	0.002/0.004
Bulb extractor	–	–	1	XBFX13	0.005/0.011
Lens cap tightening tool	Illuminated pushbuttons, with flush push	–	1	ZBZ8	0.009/0.020



ZBG455



ZBDLU1



ZBG455P



ZBGP



ZBDD2

## Replacement keys

Description	Key number	Reference	Weight kg/lb
<b>For latching mushroom head pushbuttons and selector switches</b>			
Sets of 2 keys	455	ZBG455	0.013/0.029
	421E	ZBG421E	0.014/0.031
	458A	ZBG458A	0.014/0.031
	520E	ZBG520E	0.014/0.031
	3131A	ZBG3131A	0.014/0.031
	4A185	ZBDA185	0.014/0.031
	LU1	ZBDLU1	0.014/0.031
	LU2	ZBDLU2	0.014/0.031
	LU3	ZBDLU3	0.014/0.031
	LU4	ZBDLU4	0.014/0.031
	LU5	ZBDLU5	0.014/0.031
	LU6	ZBDLU6	0.014/0.031
	LU7	ZBDLU7	0.014/0.031
	LU8	ZBDLU8	0.014/0.031
	LU9	ZBDLU9	0.014/0.031
	LU10	ZBDLU10	0.014/0.031
	LU11	ZBDLU11	0.014/0.031
	LU12	ZBDLU12	0.014/0.031
	LU13	ZBDLU13	0.014/0.031
	LU14	ZBDLU14	0.014/0.031
	8D1	ZBD8D1	0.014/0.031
	Specific key	ZBGK (1)	0.014/0.031

## For booted selector switches

Sets of 2 keys, one of which supplied booted (rubber boot)	455	ZBG455P	–
	421E	ZBG421EP	–
	458A	ZBG458AP	–
	520E	ZBG520EP	–
	3131A	ZBG3131AP	–

## Accessory for key switches (2)

Description	Function	Reference	Weight kg/lb
Keyhole cover (rubber boot)	Protection of lock barrel when no key inserted in lock	ZBGP	0.005/0.011

## Boot for standard handle

Description	For use with	Sold in lots of	Unit reference	Weight kg/lb
Boot for standard handle	ZB4BD●● and ZB5AD●●	5	ZBDD2	0.005/0.011

(1) Key number to be added when ordering.

(2) Not compatible with products with key TEC10.



ZB4BW363	18	ZB4SZ37	59	ZBL5	50	ZBW9353	51	ZBY8460	57
ZB4BW363S	18	ZB5SZ3	59	ZBL6	50	ZBW9363	51	ZBY8630	57
ZB4BW413	22	ZBA●	50	ZBL9	50	ZBY001	38	ZBY8660	57
ZB4BW433	22	ZBA●●●	50	ZBL138	50		40	ZBY9101	57
ZB4BW443	22	ZBA2934	50	ZBP0	51		42	ZBY9101T	58
ZB4BW453	22	ZBA2935	50	ZBP0A	51	ZBY2H101	52	ZBY9130	57
ZB4BW463	22	ZBD8D1	61	ZBP011	51	ZBY4H101	52	ZBY9130T	58
ZB4BW513	18	ZBDA185	61	ZBP012	51	ZBY6H101	56	ZBY9140	57
ZB4BW533	18	ZBDD2	61	ZBP013	51	ZBY6H102	56	ZBY9140T	58
ZB4BW543	18	ZBDLU●	61	ZBP014	51	ZBY0101	54	ZBY9160	57
ZB4BW553	18	ZBDLU10	61	ZBP015	51	ZBY0102	54	ZBY9160T	58
ZB4BW563	18	ZBDLU11	61	ZBP016	51	ZBY0104	52	ZBY9230	57
ZB4BW613	23	ZBDLU12	61	ZBP017	51	ZBY00104	54	ZBY9230T	58
ZB4BW633	23	ZBDLU13	61	ZBPA	51	ZBY0123	52	ZBY9260	57
ZB4BW643	25	ZBDLU14	61	ZBV5B	39	ZBY00123	54	ZBY9260T	58
ZB4BW653	23	ZBE●●●	39	ZBV6	49	ZBY0140	54	ZBY9330	57
ZB4BW663	23		41	ZBV011	51	ZBY1101	57	ZBY9330T	58
ZB4BW913	18		59	ZBV013	51	ZBY1103	57	ZBY9360	57
ZB4BW933	18	ZBE1013	42	ZBV014	51	ZBY1104	57	ZBY9360T	58
ZB4BW943	18	ZBE1014	43	ZBV015	51	ZBY1105	57	ZBY9430	57
ZB4BW953	18	ZBE1015	40	ZBV016	51	ZBY1106	57	ZBY9460	57
ZB4BW963	18	ZBE1016	38	ZBV017	51	ZBY1107	57	ZBY9630	57
ZB4BX2	23	ZBE1016P	38	ZBV18B●	39	ZBY1108	57	ZBY9660	57
ZB4BX4	25	ZBE1016P3	42	ZBV18G●	39	ZBY1115	57	ZBY55130	56
ZB4BX84	24	ZBE1023	42	ZBV18M●	39	ZBY1116	57	ZBY55330	56
ZB4BZ007	59	ZBE1024	43	ZBV0103S	51	ZBY1146	57	ZBY22420001	53
ZB4BZ009	38	ZBE1025	40	ZBV0113	51	ZBY1147	57	ZBY022420001	55
	40	ZBE1026	38	ZBV0133	51	ZBY1148	57	ZBZ001	38
	41	ZBE1026P	38	ZBV0143	51	ZBY1149	57		42
	43	ZBE1026P3	42	ZBV0153	51	ZBY1203	57	ZBZ003	59
ZB4BZ011	59	ZBE2013	42	ZBV0163	51	ZBY1204	57	ZBZ006	41
ZB4BZ012	59	ZBE2023	42	ZBVB●	39	ZBY1207	57	ZBZ007	59
ZB4BZ62	58	ZBE2033	42	ZBVB●●	40	ZBY1208	57	ZBZ8	60
ZB4BZ64	58	ZBE2043	42		41	ZBY1214	57	ZBZ010	41
ZB4BZ65	58	ZBE2053	42		43	ZBY1303	57	ZBZ011	41
ZB4BZ66	58	ZBE5013	42	ZBVBG●	39	ZBY1304	57	ZBZ012	41
ZB4BZ0077	59	ZBE5023	42	ZBVG●	39	ZBY1311	57	ZBZ●●	24
ZB4BZ079	41	ZBE5033	42	ZBVG●●	40	ZBY1312	57		52
ZB4BZ101	38	ZBE5043	42		43	ZBY1316	57		56
ZB4BZ102	38	ZBE5053	42	ZBVJ●	39	ZBY1912	57		58
ZB4BZ103	38	ZBE7016	41	ZBVJ●●	40	ZBY21●●	52		59
ZB4BZ104	38	ZBE7026	41	ZBVM●	39	ZBY021●●	54	ZBZ1600	58
ZB4BZ105	38	ZBE10163	42	ZBVM●●	40	ZBY22●●	53	ZBZ1602	58
ZB4BZ106	38	ZBE10263	42		43	ZBY022●●	55	ZBZ1604	58
ZB4BZ107	38	ZBG421E	61	ZBW911	51	ZBY23●●	53	ZBZ1606	58
ZB4BZ0117	59	ZBG421EP	61	ZBW913	51	ZBY023●●	55	ZBZ2102	58
ZB4BZ141	38	ZBG455	61	ZBW914	51	ZBY4100	55	ZBZ3605	58
ZB4BZ1013	42	ZBG455P	61	ZBW915	51	ZBY4101	52	ZBZG156	39
ZB4BZ1014	43	ZBG458A	61	ZBW916	51	ZBY4140	52	ZBZM156	39
ZB4BZ1015	40	ZBG458AP	61	ZBW917	51	ZBY5100	56	ZBZVG	39
ZB4BZ1023	42	ZBG520E	61	ZBW931	51	ZBY5101	56	ZBZVM	39
ZB4BZ1024	43	ZBG520EP	61	ZBW933	51	ZBY5102	56	ZD4PA12	37
ZB4BZ1025	40	ZBG2201	37	ZBW934	51	ZBY6101	56	ZD4PA14	37
ZB4BZ1033	42	ZBG2401	37	ZBW935	51	ZBY6102	56	ZD4PA22	37
ZB4BZ1034	43	ZBG3131A	61	ZBW936	51	ZBY6140	56	ZD4PA24	37
ZB4BZ1035	40	ZBG3131AP	61	ZBW937	51	ZBY8101	57	ZD4PA103	37
ZB4BZ1043	42	ZBG4201	37	ZBW9113	51	ZBY8130	57	ZD4PA203	37
ZB4BZ1044	43	ZBG4401	37	ZBW9133	51	ZBY8140	57		
ZB4BZ1045	40	ZBGK	61	ZBW9143	51	ZBY8160	57		
ZB4BZ1053	42	ZBGP	61	ZBW9153	51	ZBY8230	57		
ZB4BZ1054	43	ZBL1	50	ZBW9163	51	ZBY8260	57		
ZB4BZ1055	40	ZBL2	50	ZBW9313	51	ZBY8330	57		
ZB4BZ1414	43	ZBL3	50	ZBW9333	51	ZBY8360	57		
ZB4SZ3	59	ZBL4	50	ZBW9343	51	ZBY8430	57		

# Control and signaling units Ø 22

Harmony® XB5 Plastic

Catalog

March 2013





*Selection guide* ..... page 2

## General

- **Presentation of range** ..... page 4
- **Description of range** ..... page 5
- **Presentation of complete units** ..... page 6
- **Presentation of sub-assemblies** ..... page 8

## Installation

- **Contact mounting - Contact sequence** ..... page 12

## References





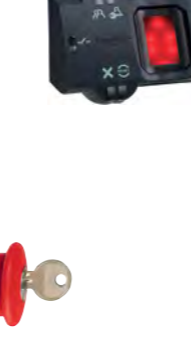
- **Pushbuttons, spring return**
  - Unmarked ..... page 14
  - Marked ..... page 18
  - Illuminated with integral LED ..... page 19
- **Multiple-headed pushbuttons, spring return**
  - Double-headed pushbuttons + 1 white central pilot light block ..... page 22
  - Triple-headed pushbuttons ..... page 23
  - Accessories for multiple-headed pushbuttons ..... page 23
- **Mushroom head pushbuttons**
  - Spring return ..... page 24
  - Latching and illuminated latching ..... page 25
- **Emergency stop**
  - Trigger action and mechanical latching ..... page 26
- **Emergency switching off**
  - Mechanical latching and illuminated mechanical latching ..... page 27
- **Pushbuttons**
  - Push-push, illuminated Push-push ..... page 28
  - Push-turn to release ..... page 29
- **Selector switches**
  - With standard handle ..... page 30
  - With long handle ..... page 31
  - Key switches ..... page 32
  - With knurled knob ..... page 33
  - Illuminated, with standard handle and integral LED ..... page 34
- **Toggle switches** ..... page 33
- **Pilot lights**
  - With integral LED ..... page 36
  - With BA 9s base fitting ..... page 37
- **Specific functions**
  - Heads for manual overload reset pushbuttons ..... page 38
  - Heads + mounting base for potentiometer ..... page 38
  - Hour counters, Annunciators and Fuse carrier ..... page 38
  - Joystick controllers ..... page 39
- **Contact and illuminated functions (blocks & bodies)**
  - With screw clamp terminal connections ..... page 40
  - With spring clamp terminal connections ..... page 42
  - For printed circuit board ..... page 43
  - With Faston connectors ..... page 44
  - For plug-in connector ..... page 45
- **Contact and illuminated functions (bodies)**
  - With integral LED ..... page 46
  - With BA 9s base fitting ..... page 50

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- **Contact and light blocks for specific applications**
  - Contact blocks (high or low power switching, staggered etc) . . . . .page 40
  - Flashing light blocks . . . . .page 41
  - Light blocks for “test” function and LED suppressors . . . . .page 41
- **Accessories**
  - For heads . . . . .page 52
  - For pushbuttons. . . . .page 62
- **Legends and legend holders** . . . . .page 56

## Index

- **Product reference index** . . . . .page 66

Type of products	Pilot lights	Pushbuttons, selector switches and pilot lights			Biometric switches
					
<b>Description of range</b>	<ul style="list-style-type: none"> <li>LED pilot lights</li> </ul>	<ul style="list-style-type: none"> <li>Pushbuttons</li> <li>Multiple-headed pushbuttons</li> <li>Emergency Stop pushbuttons</li> <li>Emergency switching off pushbuttons</li> <li>Selector switches and key switches</li> <li>Illuminated pushbuttons</li> <li>Pilot lights</li> </ul>			<ul style="list-style-type: none"> <li>Fingerprint readers 24V <math>\overline{\text{DC}}</math></li> <li>Stand-alone biometric switches</li> <li>Stand-alone USB biometric switches</li> <li>USB biometric switches dedicated to Schneider HMI (1)</li> </ul>
<b>Features</b>	<b>Products</b>	Monolithic, compact, low consumption			Monolithic
	<b>Bezel</b>	Double insulated	Metal, chromium plated or black	Double insulated	Double insulated, dark grey
	<b>Shape of head</b>	Circular	Circular, square or rectangular	Circular	Circular or square
<b>Drilling or cut-out for fixing</b>	$\varnothing$ 8 mm and $\varnothing$ 12 mm/0.315 in. and 0.472 in.	$\varnothing$ 16 mm/0.630 in.	$\varnothing$ 22 mm/0.866 in.		
<b>Degree of protection</b>	Conforming to IEC 60529	IP 40 IP 65 with seal	IP 65	IP 66 IP 69K (Selector switches and key switches, multiple-headed pushbuttons and Emergency Stop pushbuttons with bellows)	IP 65 (control button)
	Conforming to UL 508 and CSA C22-2 N° 14	–	Enclosure type 4, 4X and 13	–	Enclosure type 12
<b>Cabling</b>	Tags for 2.8 x 0.5 mm/0.110 x 0.020 in. connectors or threaded connector	Faston connectors Solder pins for printed circuit boards	Spring clamp terminal connections Screw clamp terminal connections Faston connectors Connector With adaptor for printed circuit board		Cable or connectors
<b>Mounting</b>	<b>Panel thickness</b>	1...8 mm/0.039...0.315 in.	1...6 mm/0.039...0.236 in.		
<b>Type references</b>	<b>XVLA</b>	<b>XB6</b>	<b>XB4</b>	<b>XB5</b>	<b>XB5S</b>

(1) Compatible with Magelis iPC, STU, OT, GXO, GT (except GT1000 series), GK, GH, and GTO models.  
 (2) Wireless and batteryless pushbutton and receiver ready-paired at the factory.

Wireless and batteryless pushbuttons	Pushbuttons, selector switches and pilot lights	Joystick controllers	Pushbuttons, selector switches and pilot lights	Cam switches
				
<ul style="list-style-type: none"> <li>Wireless and batteryless pushbuttons and rope pull switch</li> <li>Configurable receivers</li> <li>Access point</li> <li>Relay-antenna</li> <li>Mobile handy box or plastic boxes for wall mounting</li> </ul>	<ul style="list-style-type: none"> <li>Pushbuttons</li> <li>Emergency Stop and Emergency switching off pushbuttons</li> <li>Selector switches and key switches</li> <li>Illuminated pushbuttons</li> <li>Pilot lights</li> </ul>	<ul style="list-style-type: none"> <li>2 or 4 direction</li> <li>Stay put or spring return</li> </ul>	<ul style="list-style-type: none"> <li>Pushbuttons</li> <li>Emergency Stop buttons</li> <li>Selector switches and key switches</li> <li>Illuminated pushbuttons</li> <li>Pilot lights</li> </ul>	<ul style="list-style-type: none"> <li>Switches</li> <li>Stepping switches</li> <li>Reversing and changeover switches</li> <li>Ammeter switches</li> <li>Voltmeter switches</li> <li>Reversing switches</li> <li>Star-delta and reversing star-delta switches</li> <li>Pole change switches</li> </ul>
Ready-to-use packs (2) and "components" range	Monolithic	Complete units or sub-assemblies (body + head with lever)	Complete units or sub-assemblies (body + head)	Complete units or sub-assemblies (body + front panel + head)
Metal, chromium plated or double insulated, black	Double insulated, dark grey (or white for pilot lights)	Metal, chromium plated	Double insulated, black	Metal, chromium plated or double insulated, black
Transmitter with circular head	Circular	Circular	Hexagonal	Square
$\varnothing$ 22 mm/0.866 in.			$\varnothing$ 30 mm/1.181 in.	$\varnothing$ 16 or $\varnothing$ 22 mm/0.630 or 0.866 in.: series K10 $\varnothing$ 22 mm/0.866 in. and multifixing: series K1/K2 4 holes, 48 or 68 centres: series K30...K150
IP 65	IP 65 (control buttons and pilot lights) IP 54 (Emergency switching off pushbuttons)	IP 65	IP 66	IP 65
IP 65	IP 65 (control buttons and pilot lights) IP 54 (Emergency switching off pushbuttons)	IP 65	IP 66	IP 65
Enclosure type 12	Enclosure type 3 (pushbuttons and Emergency stop) and 4 (pilot lights)	Enclosure type 4, 4X and 13	Enclosure type 4 and 13 (9001K) Enclosure type 4, 4X, 13 (9001SK)	–
Wireless (transmitter) Through cable (receiver)	Screw and captive clamp terminal connections Faston clip connections (pilot lights)	Screw and captive clamp terminal connections		
1...6 mm/0.039...0.236 in.				0.5...6 mm/0.020...0.236 in. (depending on model)
<b>XB5R, XB4R</b>	<b>XB7</b>	<b>XD4PA</b>	<b>XD2GA</b>	<b>XD5PA</b>
			<b>9001K, 9001SK</b>	<b>K10, K1, K2, K30, K50, K63, K115, K150</b>

### Presentation

The Harmony® XB5 range of plastic control and signaling units combines simplicity of installation and flexibility. It provides a solution for industrial applications demanding a high resistance to chemical agents and also provides double electrical insulation.

- This range includes:
  - Pushbuttons and switches designed for Start/Stop control of machines and installations, adjustment and parametering (contact functions): Pushbuttons, selector/key switches, Emergency stop or Emergency switching off pushbuttons, multiple-headed pushbuttons
  - Pilot lights designed for visual signaling (signaling functions)
  - Illuminated pushbuttons designed for control and signaling (contact functions + signaling functions)
- These products are shown on the following pages in two forms:
  - Complete units with black plastic bezel
  - Sub-assemblies for user assembly (body sub-assemblies and head sub-assemblies with black plastic bezel)
- The pushbutton and switch control offer (illuminated and non-illuminated) is both broad and comprehensive:
  - Flush, projecting, recessed, booted, spring return, push-pull, marked or unmarked pushbuttons
  - Emergency stop trigger action and mechanically latching pushbuttons (conforming to standards EN/IEC 60204-1 and EN/ISO 13850)
  - Emergency switching off mechanically latching pushbuttons (conforming to standard IEC 60364-5-53)
  - Selector switches with standard handle, long handle or knurled knob, key switches
  - Controllers
  - Wide choice of legends and legend holders
  - Wide choice of head colors
  - Wide choice of accessories and spare parts
- The pilot light signaling offer includes pilot lights with integral LED and pilot lights for BA 9s base fitting bulbs. The two types of pilot light are for direct supply or via integral transformer.
- The XB5 range also includes innovative complementary offers:
  - Multiple-headed pushbuttons
  - Control and signaling units for harsh applications
  - Wireless and batteryless pushbuttons
  - Biometric switches

### Installation

- Harmony® XB5 products are both simple and quick to install:
  - Mounting by single installer (self-maintaining of the head in its cut-out)
  - Clip-together component system (head, body, contact blocks and LED)
  - Fixing by a single nut (anti-rotation plate)
  - Anti-loosening system for screw clamp terminals of contact blocks (thus avoiding frequent checking/retightening).
- Various types of connection are available: Screw clamp, connector, Faston connector, spring terminal or for printed circuit board.

### Environment

- The performance features of the Harmony® XB5 range meet the most demanding international standards and approvals:
  - EN/IEC 60947-1, EN/IEC 60947-5-1, EN/IEC 60947-5-4 and EN/IEC 60947-5-5
  - UL 508, CSA C22-2 n° 14, GB 14048.5
  - International certifications: UL, CSA, CCC, GOST
  - Marine certifications: BV, RINA, LROS, DNV, GL
- The range includes products for use in difficult industrial environments, due to:
  - Their high degree of protection for severe environments (IP 66/IP 69K)
  - Their resistance to high pressure cleaning
  - Their "all climates" TH compatibility
  - A wide choice of contact blocks with various breaking capacities (low, standard or high power switching)

For more technical information, please refer to our website [www.schneider-electric.com](http://www.schneider-electric.com).

# Control and signaling units Ø 22

Harmony® XB5, plastic

Pushbuttons, switches and pilot lights

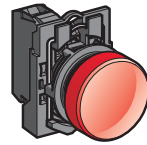
**Description**

The Ø 22 range of plastic (double insulated) control and signaling units comprises:

**Complete units, XB5A**

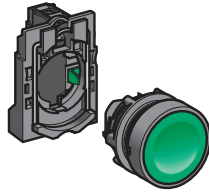


Pushbuttons and switches



Pilot lights

**Sub-assemblies, ZB5A**

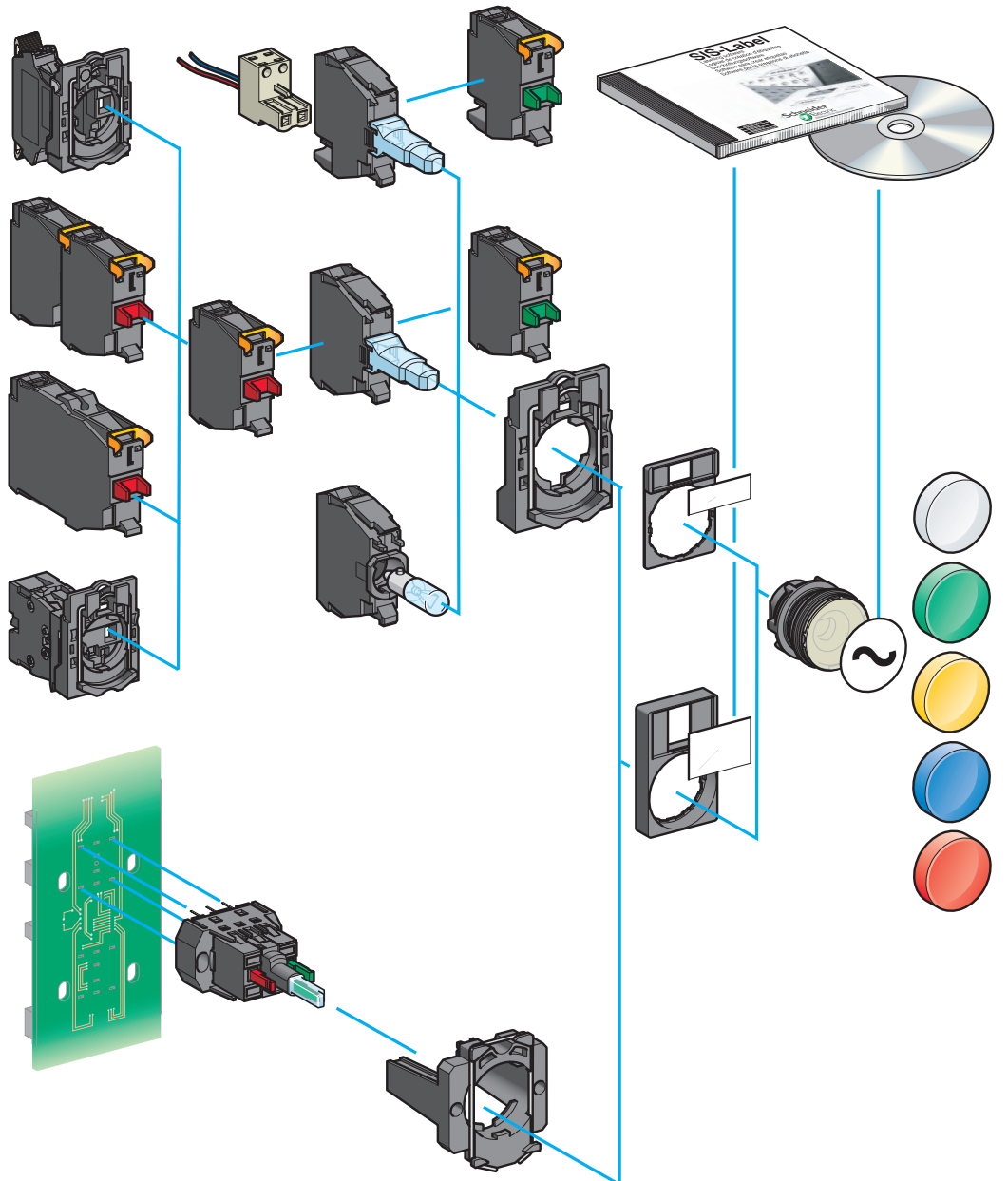


Pushbuttons and switches:  
body + head  
sub-assemblies



Pilot lights:  
body + head  
sub-assemblies

**Component parts and accessories, ZB**



# Control and signaling units Ø 22

Harmony® XB5, plastic

Pushbuttons, switches and pilot lights:

complete units, XB5A

## Complete units

## Contact functions

### Pushbuttons, spring return



Flush push, unmarked  
XB5AA●1/AA42  
see page 14



Flush push, marked  
XB5AA3311/AA33●1  
see page 18



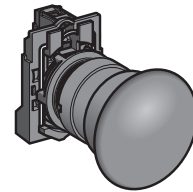
Projecting push, marked  
XB5AL4322  
see page 18



Booted flush push  
XB5AP●1/AP42  
see page 17



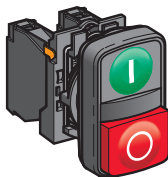
Projecting push, unmarked  
XB5AL42  
see page 16



Ø 40

Mushroom head  
XB5AC21  
see page 24

### Multiple-headed pushbuttons, spring return

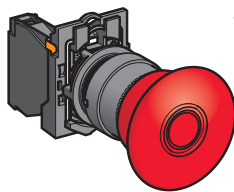


Double-headed  
XB5AL73415  
see page 22

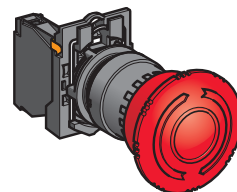


Triple-headed  
XB5AA731327/XB5AA711237  
see page 23

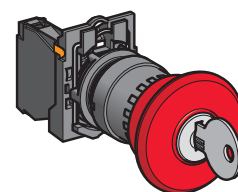
### Emergency Stop or Emergency switching off mushroom head pushbuttons, Ø 40



Ø 40



Ø 40



Ø 40

### Emergency stop trigger action and mechanical latching

Push-pull (EN/ISO 13850)  
XB5AT845  
see page 26

Turn to release (EN/ISO 13850)  
XB5AS8●4  
see page 26

Key release (EN/ISO 13850)  
XB5AS9445  
see page 26

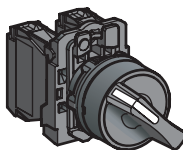
### Emergency switching off mechanical latching

Push-pull (IEC 60364-5-53)  
XB5AT42  
see page 27

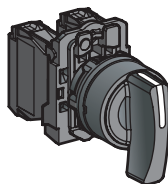
Turn to release (IEC 60364-5-53)  
XB5AS542  
see page 27

Key release (IEC 60364-5-53)  
XB5AS142  
see page 27

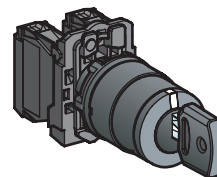
### Selector switches and key switches



Standard handle, black  
XB5AD●●  
see page 30



Long handle, black  
XB5AJ●●  
see page 31



Key switch  
XB5AG●●  
see page 32

# Control and signaling units Ø 22

Harmony® XB5, plastic

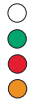
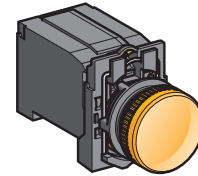
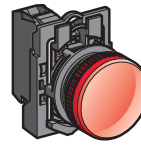
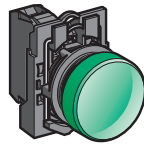
Pushbuttons, switches and pilot lights:  
complete units, XB5A

## Complete units

(continued)

### Pilot lights

## Signaling functions



Integral LED

**XB5AVB●/AVG●/AVM●**  
see page 36

For bulb with BA 9s base fitting  
Direct supply

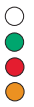
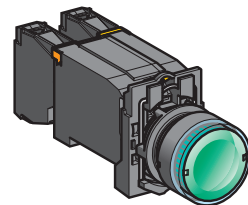
**XB5AV6●**  
see page 37

Via integral transformer

**XB5AV3●/AV4●**  
see page 37

## Combined functions (contact + signaling)

### Illuminated pushbuttons, spring return, flush push



Integral LED

**XB5AW3●B5/AW3●G5/AW3●M5**  
see page 19

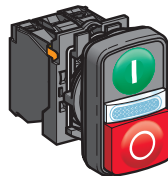
For bulb with BA 9s base fitting  
Direct supply

**XB5AW3●65**  
see page 21

Via integral transformer

**XB5AW3●35/AW3●45**  
see page 21

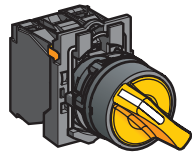
### Double-headed pushbuttons, spring return, + pilot light block



Integral LED

**XB5AW73731●5**  
see page 22

### Illuminated selector switches, standard handle



Integral LED

**XB5AK12●●5, XB5AK13●●5**  
see page 34

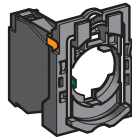
# Control and signaling units Ø 22

Harmony® XB5, plastic

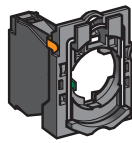
Pushbuttons, switches and pilot lights:  
sub-assemblies, ZB5A

## Non illuminated units for user assembly

For pushbuttons, spring return, unmarked

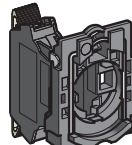


Screw clamp terminals  
ZB5AZ10●/AZ141  
see page 40



Faston  
ZB5AZ10●3  
see page 44

For pushbuttons, spring return, marked



Spring clamp terminals  
ZBE10●5  
ZB5AZ10●5  
see page 42

For multiple-headed pushbuttons, spring return

## Contact functions

### Body sub-assemblies

### Head sub-assemblies



Flush push without cap/with set of 6 caps  
ZB5AA0/AA9  
see page 14

Flush push  
ZB5AA●  
see page 14

Flush push for insertion of legend  
ZB5AA●8  
see page 14

Flush push, cap mounted/not mounted  
ZB5CA0/CA●  
see page 14



Projecting  
ZB5AL●  
see page 16



Recessed push  
ZB5AA●  
see page 15



Booted flush push, for insertion of legend  
ZB5AP●●/AP●S  
see page 17



Projecting or recessed push  
ZB5CA●/CL●  
see page 15



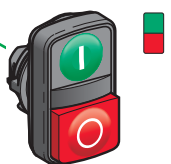
Flush push  
ZB5AA●3●/AA●4●  
see page 18



Projecting push  
ZB5AL●  
see page 18



Flush push  
ZB5CA●3●/CA●9●  
see page 18



Double-headed  
ZB5AA7●●●/AA79  
ZB5AL734●  
see page 22



Triple-headed  
ZB5AA7313●, ZB5AA711●●  
ZB5AA72124, ZB5AA791  
see page 23



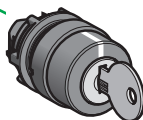
Flush push (caps mounted/not mounted)  
ZB5AH●●/CH●●  
see page 28



Projecting push  
ZB5AH●  
see page 28



Flush push (caps mounted/not mounted)  
ZB5CH0/CH0●  
see page 28

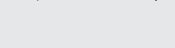
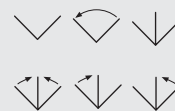


Key switches  
ZB5AFD●  
see page 29



Knurled knob (1)  
ZB5AF  
see page 29

(1) Knob positions





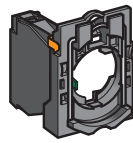
# Control and signaling units Ø 22

Harmony® XB5, plastic

Pushbuttons, switches and pilot lights:  
sub-assemblies, ZB5A

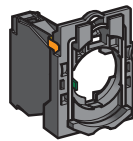
## Non illuminated units for user assembly (continued)

For mushroom head pushbuttons



Screw clamp terminals  
ZB5AZ10/AZ141  
see page 40

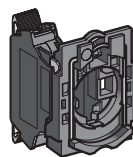
For Emergency Stop or Emergency switching off mushroom head pushbuttons



Faston  
ZB5AZ10/3  
see page 44

Emergency stop trigger action and mechanical latching

Emergency switching off mechanical latching



Spring clamp terminals  
ZBE10/5  
ZB5AZ10/5  
page 42

Emergency stop trigger action and mechanical latching

Emergency switching off mechanical latching

For selector switches and key switches

For toggle switches

## Contact functions (continued)

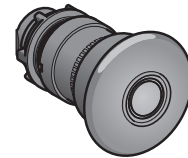
### Body sub-assemblies

### Head sub-assemblies



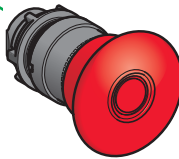
Ø 30  
Ø 40  
Ø 60

Spring  
ZB5AC/AR  
see page 24



Ø 30  
Ø 40  
Ø 60

Latching  
ZB5A2/AS2/AS55  
see page 25



Ø 30  
Ø 40  
Ø 60

Push-pull (EN/ISO 13850)  
ZB5AT84  
see page 26

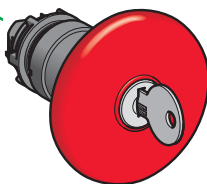
Push-pull (IEC 60364-5-53)  
ZB5AT/AX  
see page 27



Ø 30  
Ø 40  
Ø 60

Turn to release (EN/ISO 13850)  
ZB5AS8/4  
see page 26

Turn to release (IEC 60364-5-53)  
ZB5AS44/AS54/AS64  
see page 27



Ø 30  
Ø 40  
Ø 60

Key release (EN/ISO 13850)  
ZB5AS9/4/AS944D, see page 26

Key release (IEC 60364-5-53)  
ZB5AS/4/AS14D, see page 27



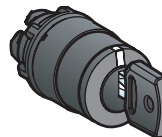
Standard handle (1)  
ZB5AD  
see page 30



Long black handle (1)  
ZB5AJ  
see page 31

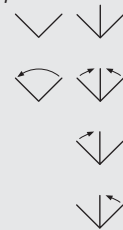


Knurled black knob (1)  
ZB5AD9  
see page 33

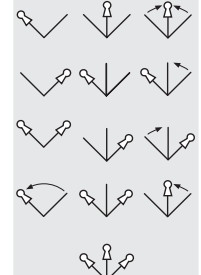


Key switch (2)  
ZB5AG  
see page 33

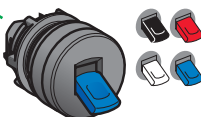
(1) Switch handle and knob positions



(2) Key switch positions  
Key withdrawal positions



(3) Lever positions

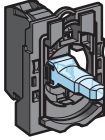


2-position lever (3)  
ZB5AD8  
see page 33

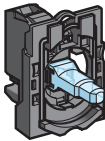
## Pilot lights for user assembly

### Signaling functions

#### Body sub-assemblies with integral LED



Connection: screw clamp terminals  
ZB5AVB●/AVG●/AVM●  
see page 48



Connection: plug-in connector  
Please consult our Customer Care Centre

#### Head sub-assemblies



With lens fitted (insertion of legend)  
ZB5AV0●3/AV0●3E, see page 36



With lens fitted  
ZB5CV0●3, see page 36

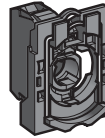


With 5 lens caps (not fitted) for insertion of legend  
ZB5AV003/AV0●3●, see page 36

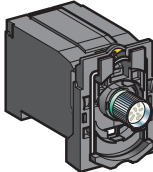


With 5 separate lens caps, not fitted  
ZB5CV003, see page 36

#### Body sub-assemblies for BA 9s bulb



Direct supply  
Connection: screw clamp terminals  
ZB5AV6, see page 51



Via integral transformer  
Connection: screw clamp terminals  
ZB5AV●/AV3D●/AV5D●  
see page 51

#### Head sub-assemblies



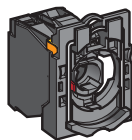
With lens fitted  
ZB5AV0●, see page 37

## Illuminated pushbuttons for user assembly

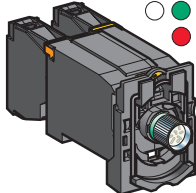
### Combined functions (contact + signaling)

For illuminated pushbuttons, spring return

#### Body sub-assemblies for BA 9s bulb



Direct supply  
Connection: screw clamp terminals  
ZB5AW06●, see page 50



Via integral transformer  
Connection: screw clamp terminals  
ZB5AW03●/AW04●/AW05●  
see page 50

#### Head sub-assemblies



Flush  
ZB5AW3●/AW3●S, see page 20



Projecting  
ZB5AW1●/AW1●S, see page 20

# Control and signaling units Ø 22

Harmony® XB5, plastic

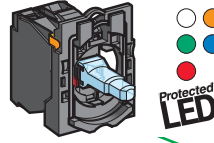
Pushbuttons, switches and pilot lights:

sub-assemblies, ZB5A

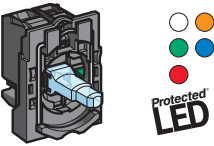
## Illuminated pushbuttons for user assembly

For illuminated pushbuttons, spring return

### Body sub-assemblies with integral LED

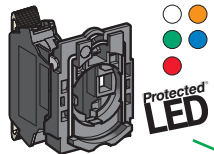


Connection: screw clamp terminals  
ZB5AW0B●●/AW0G●●/AW0M●●, see page 46



Connection: plug-in connector

Please consult our Customer Care Centre



Connection: spring clamp terminals  
ZBV ●●5 see page 42

For double-headed pushbuttons, spring return, with pilot light

For illuminated, mushroom head pushbuttons, latching

For illuminated mushroom head pushbuttons

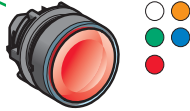
- Emergency Stop with trigger action and mechanical latching
- or
- Emergency switching off with mechanical latching only

For illuminated "push-push to release" pushbuttons

For illuminated selector switches, standard handle

## Combined functions (contact + signaling) (continued)

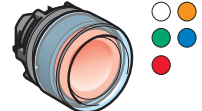
### Head sub-assemblies



Flush push  
Flush push with illuminated ring  
ZB5AW3●3/AW3●3S/AW9●3  
see page 20



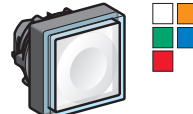
Flush push  
for insertion of legend  
ZB5AA●8  
see page 14



Booted flush push  
ZB5AW5●3  
see page 20



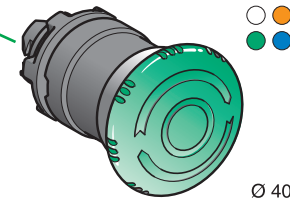
Projecting push  
ZB5AW1●3/AW1●3S  
see page 20



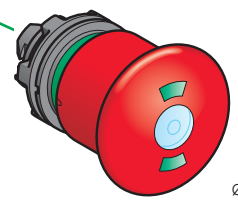
Flush or projecting push  
Flush or projecting push for insertion of legend  
ZB5CW3●3/CW1●3  
see page 20



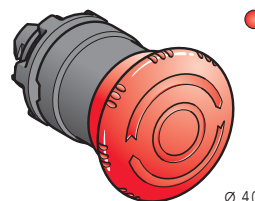
Double-headed (flush/flush push) + central pilot light  
Double-headed (flush/projecting push) + central pilot light  
ZB5AW7A17●●, ZB5AW7A374●, ZB5AW7A9, see page 22  
ZB5AW7L374●, see page 22



Turn to release  
ZB5AW7●3, see page 25



Push-pull with mechanical state indicator (EN/ISO 13850)  
ZB5AT8643M  
see page 26



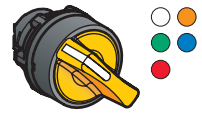
Turn to release (IEC 60364-5-53)  
ZB5AW743  
see page 27



Flush or projecting "push-push to release"  
ZB5AH0●3/AH●3  
see page 28



Flush "Push-push to release"  
ZB5CH3●3  
see page 28



Standard handle (1)  
ZB5AK1●●3  
see page 35

(1) Handle positions

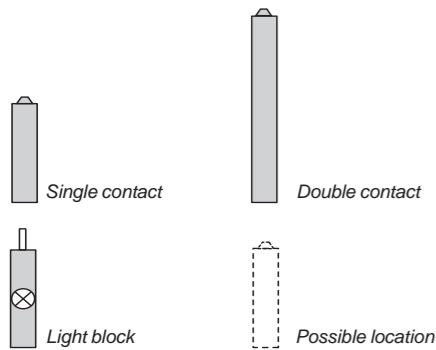


# Control and signaling units Ø 22

Harmony® XB5 plastic  
Contact mounting - Contact sequence

## Maximum recommended configurations guaranteeing achievement of catalogue characteristics

Unit type (complete units XB5B, heads ZB5B)	Pushbuttons, spring return XB5AA●, ZB5AA●8, (except ZB5AA●8) XB5AC●, ZB5AC●, XB5AL●, ZB5AL●, XB5AP●, ZB5AP●, ZB5AR● Triple-headed pushbuttons XB5AA731327, XB5AA711137, ZB5AA7313●, ZB5AA7111●, ZB5AA72124, ZB5AA791	Double-headed pushbuttons XB5AL73415, ZB5AA712●, ZB5A●734●, ZB5AA79	Illuminated pushbuttons, spring return XB5AW●, ZB5AW●, ZB5AA●8 Double-headed pushbuttons + pilot light block XB5AW73731●5, ZB5AW7A17●●, ZB5AW7●374●, ZB5AW7A9
Solution using single contacts			
Solution using single and double contacts			
Maximum recommended configurations	Single contacts Double contacts + Single contacts Light block	9 6 2 + 2 -	6 2 + 2 1



## Possible configurations for high power switching contacts (1) (2)

High power switching contact blocks with screw clamp terminal connections :  
ZBE501, ZBE502, ZBE503, ZBE504 and ZBE505  
High power switching contact blocks with connection by Faston connectors  
ZBE5013, ZBE5023, ZBE5033, ZBE5043 and ZBE5053

1 N/O	1 N/C	1 N/O + N/C
		1 N/O + N/O
		1 N/C + N/C

(1) The configurations are not upgradable and cannot be combined with other types of contact and signaling functions.  
(2) High power switching contacts are not compatible with Harmony triple-headed pushbuttons.

## Sequence of contacts fitted to selector switch bodies

Emergency stop or Emergency switching off XB5AT●, ZB5AT●, XB5AS●, ZB5AS●	Selector switches XB5AD●, ZB5AD●, ■ Standard handle XB5AJ●, ZB5AJ●, ■ Long handle ZB5AD●9, ■ Key switch XB5AG●, ZB5AG●		Illuminated selector switches with standard handle XB5AK●, ZB5AK●	Toggle switches ZB5AD●8 Pushbuttons, push-turn to release, knurled operator ZB5AF●, or lockable ZB5FAD●	Pushbuttons, push-push ZB5AH●	Illuminated pushbuttons, push-push ZB5AH●3 ZB5AW743 Illuminated Emergency Stop ZB5AT8643M
4	5	4	6	4	6	3
2	2	1	2	2	3	-
+	+	+	+	+	+	-
0	1	2	2	0	0	-
-	-	-	-	1	-	1

## Sequence of contacts fitted to selector switch bodies

Unit type	Selector switches	
	2-position	3-position
Push	Position	Top
		Bottom
	Location	L C R
	State	0 0 0
Contacts	N/O	■ ■ ■
	N/C	□ □ □



L left, C centre, R right  
□ open, ■ closed


Assembly of other products using:  
body/contact assemblies: see page 40  
accessories: see page 52






## Control and signaling units Ø 22



Harmony® XB5, plastic

Spring return pushbuttons, unmarked

Pushbuttons with flush push <sup>(1)</sup>						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Shape of head	Type of push	Type of contact		Color of push	Reference	Weight kg
		 N/O	 N/C			

Complete units						
	Flush	1	-	White	<b>XB5AA11</b> (ZB5AZ101 + ZB5AA1)	0.037
				Black	<b>XB5AA21</b> (ZB5AZ101 + ZB5AA2)	0.037
				Green	<b>XB5AA31</b> (ZB5AZ101 + ZB5AA3)	0.037
				Yellow	<b>XB5AA51</b> (ZB5AZ101 + ZB5AA5)	0.037
				Blue	<b>XB5AA61</b> (ZB5AZ101 + ZB5AA6)	0.037
				Red	<b>XB5AA42</b> (ZB5AZ102 + ZB5AA4)	0.037
		-	1			

Heads only, circular						
	Without cap <sup>(2)</sup>			-	<b>ZB5AA0</b>	0.022
	Flush, with set of 6 colored caps			6 colors <sup>(3)</sup>	<b>ZB5AA9</b>	0.027
	Flush			White	<b>ZB5AA1</b>	0.018
				Black	<b>ZB5AA2</b>	0.018
				Green	<b>ZB5AA3</b>	0.018
				Red	<b>ZB5AA4</b>	0.018
				Yellow	<b>ZB5AA5</b>	0.018
				Blue	<b>ZB5AA6</b>	0.018
				Grey	<b>ZB5AA8</b>	0.018
					Flush with transparent cap for insertion of legend <sup>(4)</sup>	
Green	<b>ZB5AA38</b>	0.018				
Red	<b>ZB5AA48</b>	0.018				
Yellow	<b>ZB5AA58</b>	0.018				
Blue	<b>ZB5AA68</b>	0.018				
	Flush (high bezel)			White	<b>ZB5AA14</b>	0.020
				Black	<b>ZB5AA24</b>	0.020
				Green	<b>ZB5AA34</b>	0.020
				Red	<b>ZB5AA44</b>	0.020
				Yellow	<b>ZB5AA54</b>	0.020
				Blue	<b>ZB5AA64</b>	0.020

Heads only, square						
	Without cap <sup>(2)</sup>			-	<b>ZB5CA0</b>	0.022
	Flush			White	<b>ZB5CA1</b>	0.019
				Black	<b>ZB5CA2</b>	0.019
				Green	<b>ZB5CA3</b>	0.019
				Red	<b>ZB5CA4</b>	0.019
				Yellow	<b>ZB5CA5</b>	0.019
				Blue	<b>ZB5CA6</b>	0.019

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12

(2) Colored cap to be ordered separately: see page 52.

(3) Head supplied with 6 different colored caps (white, black, green, red, yellow, blue) not fitted.

(4) For legend ordering information, see page 61.



XB5AA31



ZB5AA0



ZB5AA5



ZB5AA68




ZB5CA5

Assembly of other products using:  
body/contact assemblies: see page 40  
accessories: see page 52




ZB5AA16

**Pushbuttons with recessed push (1)**  
**High guard**

Shape of head	Type of push	Color	Reference	Weight kg
<b>Heads only, circular</b>				
	Recessed (high guard)	White	<b>ZB5AA16</b>	0.020
		Black	<b>ZB5AA26</b>	0.020
		Green	<b>ZB5AA36</b>	0.020
		Red	<b>ZB5AA46</b>	0.020
		Yellow	<b>ZB5AA56</b>	0.020
		Blue	<b>ZB5AA66</b>	0.020








ZB5CA16

<b>Heads only, square</b>				
	Recessed (high guard)	White	<b>ZB5CA16</b>	0.012
		Black	<b>ZB5CA26</b>	0.012
		Green	<b>ZB5CA36</b>	0.012
		Red	<b>ZB5CA46</b>	0.012
		Yellow	<b>ZB5CA56</b>	0.012
		Blue	<b>ZB5CA66</b>	0.012

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

Assembly of other products using:  
body/contact assemblies: see page 40  
accessories: see page 52

Pushbuttons with projecting push <sup>(1)</sup>						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Shape of head	Type of push	Type of contact		Color of push	Reference	Weight kg
						
		N/O	N/C			
<b>Complete units</b>						
	Projecting	-	1	Red	<b>XB5AL42</b> (ZB5AZ102 + ZB5AL4)	0.038
<b>Heads only, circular</b>						
	Projecting			White	<b>ZB5AL1</b>	0.019
				Black	<b>ZB5AL2</b>	0.019
				Green	<b>ZB5AL3</b>	0.019
				Red	<b>ZB5AL4</b>	0.019
				Yellow	<b>ZB5AL5</b>	0.019
				Blue	<b>ZB5AL6</b>	0.019
<b>Heads only, square</b>						
	Projecting			White	<b>ZB5CL1</b>	0.021
				Black	<b>ZB5CL2</b>	0.021
				Green	<b>ZB5CL3</b>	0.021
				Red	<b>ZB5CL4</b>	0.021
				Yellow	<b>ZB5CL5</b>	0.021
				Blue	<b>ZB5CL6</b>	0.021

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.



XB5AL42



ZB5AL3



ZB5CL1

Assembly of other products using:  
body/contact assemblies: see page 40  
combined sub-assemblies: see page 46  
accessories: see page 52

## Control and signaling units Ø 22

Harmony® XB5, plastic

Spring return pushbuttons, unmarked



563457  
XB5AP51



PF110267  
ZB5AP4



PF525564  
ZB5AP2S



109489  
ZB5AP183

Pushbuttons with booted head (1)						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Shape of head	Type of push	Type of contact		Color of push	Reference	Weight kg
		N/O	N/C			

Complete units						
	Booted, clear silicone (color of push unobscured)	1	-	Black	<b>XB5AP21</b> (ZB5AZ101 + ZB5AP2)	0.039
				Green	<b>XB5AP31</b> (ZB5AZ101 + ZB5AP3)	0.039
				Yellow	<b>XB5AP51</b> (ZB5AZ101 + ZB5AP5)	0.039
				Blue	<b>XB5AP61</b> (ZB5AZ101 + ZB5AP6)	0.039
		-	1	Red	<b>XB5AP42</b> (ZB5AZ102 + ZB5AP4)	0.039

Silicone booted heads only, with increased protection (IP 69K)						
	Flush	Clear boot (2) For insertion of protected legend within head (3)	White	<b>ZB5AP18</b>	0.023	
			Green	<b>ZB5AP38</b>	0.023	
			Red	<b>ZB5AP48</b>	0.023	
			Yellow	<b>ZB5AP58</b>	0.023	
			Blue	<b>ZB5AP68</b>	0.023	

	Projecting	Clear boot (2)	White	<b>ZB5AP1</b>	0.014
			Black	<b>ZB5AP2</b>	0.014
			Green	<b>ZB5AP3</b>	0.014
			Red	<b>ZB5AP4</b>	0.014
			Yellow	<b>ZB5AP5</b>	0.014
			Blue	<b>ZB5AP6</b>	0.014

Silicone booted heads only, standard for mouting with legend holder (IP 66)						
	Flush	Colored boot (4)	White	<b>ZB5AP1S</b>	0.021	
			Black	<b>ZB5AP2S</b>	0.021	
			Green	<b>ZB5AP3S</b>	0.021	
			Red	<b>ZB5AP4S</b>	0.021	
			Yellow	<b>ZB5AP5S</b>	0.021	
			Blue	<b>ZB5AP6S</b>	0.021	
		Clear membrane (4) For insertion of protected legend within head (3)	White	<b>ZB5AP183</b>	0.010	
			Green	<b>ZB5AP383</b>	0.010	
			Red	<b>ZB5AP483</b>	0.010	
			Yellow	<b>ZB5AP583</b>	0.010	
			Blue	<b>ZB5AP683</b>	0.010	

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) Permissible panel thickness 1 to 5 mm, cannot be used with legend holders.

(3) To order a legend for insertion within the head, see page 61.

(4) Replacement of silicone protection element without dismantling head, see page 54.



Assembly of other products using:  
body/contact assemblies: see page 40  
accessories: see page 52

## Control and signaling units Ø 22

Harmony® XB5, plastic

Spring return pushbuttons, marked



XB5AA4322



ZB5AA331



ZB5AA432



ZB5CA432



ZB5AL232

### Pushbuttons with flush or projecting push (1)

Screw clamp terminal connections (Schneider Electric anti-loosening system)

Shape of head	Type of push	Type of contact		Marking Text (color)	Color of push	Reference	Weight kg
		N/O	N/C				

#### Complete units

	Flush	1	–	"I" (white)	Green	<b>XB5AA3311</b> (ZB5AZ101 + ZB5AA331)	0.037
	Flush	–	1	"O" (white)	Red	<b>XB5AA4322</b> (ZB5AZ102 + ZB5AA432)	0.037
	Projecting	–	1	"O" (white)	Red	<b>XB5AL4322</b> (ZB5AZ102 + ZB5AL432)	0.037
	Flush (2)	1	–	↑ (black)	White	<b>XB5AA3341</b> (ZB5AZ101 + ZB5AA334)	0.037
	Flush (2)	1	–	↓ (white)	Black	<b>XB5AA3351</b> (ZB5AZ101 + ZB5AA335)	0.037

#### Heads only, circular

	Flush	"I" (white)	Green	<b>ZB5AA331</b>	0.018
		"I" (black)	White	<b>ZB5AA131</b>	0.018
		"II" (white)	Green	<b>ZB5AA336</b>	0.018
		"II" (black)	White	<b>ZB5AA136</b>	0.018
		"START" (white)	Green	<b>ZB5AA333</b>	0.018
		"START" (black)	White	<b>ZB5AA133</b>	0.018
		"ON" (white)	Green	<b>ZB5AA341</b>	0.018
		"ON" (black)	White	<b>ZB5AA141</b>	0.018
		"MARCHE" (white)	Green	<b>ZB5AA342</b>	0.018
		"MARCHE" (black)	White	<b>ZB5AA142</b>	0.018
		(white)	Black	<b>ZB5AA245</b>	0.018
		(black)	White	<b>ZB5AA145</b>	0.018
		"O" (white)	Red	<b>ZB5AA432</b>	0.018
			Black	<b>ZB5AA232</b>	0.018
		"ARRET" (white)	Red	<b>ZB5AA433</b>	0.018
			Black	<b>ZB5AA233</b>	0.018
		"STOP" (white)	Red	<b>ZB5AA434</b>	0.018
			Black	<b>ZB5AA234</b>	0.018
		"OFF" (white)	Red	<b>ZB5AA435</b>	0.018
			Black	<b>ZB5AA235</b>	0.018
		UP (black)	White	<b>ZB5AA343</b>	0.018
		Down (white)	Black	<b>ZB5AA344</b>	0.018
		↑ (black) (2)	White	<b>ZB5AA334</b>	0.018
		↓ (white) (2)	Black	<b>ZB5AA335</b>	0.018

#### Heads only, square

	Flush (2)	"I" (white)	Green	<b>ZB5CA331</b>	0.019
		"O" (white)	Red	<b>ZB5CA432</b>	0.019
		"+" (white)	Black	<b>ZB5CA2934</b>	0.019
		↑ (white)	Black	<b>ZB5CA2912</b>	0.019
		"R" (white)	Blue	<b>ZB5CA6939</b>	0.019

#### Heads only, circular

	Projecting (2)	"O" (white)	Red	<b>ZB5AL432</b>	0.019
			Black	<b>ZB5AL232</b>	0.019
		"ARRET" (white)	Red	<b>ZB5AL433</b>	0.019
			Black	<b>ZB5AL233</b>	0.019
		"STOP" (white)	Red	<b>ZB5AL434</b>	0.019
			Black	<b>ZB5AL234</b>	0.019
		"OFF" (white)	Red	<b>ZB5AL435</b>	0.019
			Black	<b>ZB5AL235</b>	0.019

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) Product supplied with cap not clipped-in, allowing orientation through 360° in 90° steps.

Assembly of other products using:  
body/contact assemblies: see page 40  
accessories: see page 52

## Control and signaling units Ø 22

### Harmony® XB5, plastic









Illuminated pushbuttons, spring return, with integral LED

Illuminated pushbuttons with flush push (1)											
Screw clamp terminal connections (Schneider Electric anti-loosening system)											
Shape of head	Description	Type of contact		Supply voltage V	Color of push	Reference	Weight kg				
											
		N/O	N/C								
<b>Complete units - With plain lens</b>											
 814396  XB5AW31B5		Integral LED	1	1	~ 24 50/60 Hz	White	<b>XB5AW31B5</b> (ZB5AW0B15 + ZB5AW313)	0.056			
						Green	<b>XB5AW33B5</b> (ZB5AW0B35 + ZB5AW333)	0.056			
						Red	<b>XB5AW34B5</b> (ZB5AW0B45 + ZB5AW343)	0.056			
						Orange	<b>XB5AW35B5</b> (ZB5AW0B55 + ZB5AW353)	0.056			
						Blue	<b>XB5AW36B5</b> (ZB5AW0B65 + ZB5AW363)	0.056			
					 814396  XB5AW34G5					~ 110...120 50/60 Hz	White
Green	<b>XB5AW33G5</b> (ZB5AW0G35 + ZB5AW333)	0.056									
Red	<b>XB5AW34G5</b> (ZB5AW0G45 + ZB5AW343)	0.056									
Orange	<b>XB5AW35G5</b> (ZB5AW0G55 + ZB5AW353)	0.056									
Blue	<b>XB5AW36G5</b> (ZB5AW0G65 + ZB5AW363)	0.056									



(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

Assembly of other products using:  
combined sub-assemblies: see page 46  
accessories: see page 52





## Illuminated pushbuttons with flush push (1)

Shape of head	Type of push	Color	Reference	Weight (kg)
<b>Heads only, circular (2) - With plain lens</b>				
 	Flush	White	ZB5AW313	0.017
		Green	ZB5AW333	0.017
		Red	ZB5AW343	0.017
		Orange	ZB5AW353	0.017
		Blue	ZB5AW363	0.017
 	Flush with illuminated ring	White	ZB5AW913	0.016
		Green	ZB5AW933	0.016
		Red	ZB5AW943	0.016
		Orange	ZB5AW953	0.016
		Blue	ZB5AW963	0.016
 	Flush with clear boot (IP 69 K)	White	ZB5AW513	0.019
		Green	ZB5AW533	0.019
		Red	ZB5AW543	0.019
		Orange	ZB5AW553	0.019
		Blue	ZB5AW563	0.019
 	Flush for insertion of legend (3) (IP 69 K)	White	ZB5AA18	0.018
		Green	ZB5AA38	0.018
		Red	ZB5AA48	0.018
		Orange	ZB5AA58	0.018
		Blue	ZB5AA68	0.018







## Heads only, circular (2) - With grooved lens (4)

 	Flush	White	ZB5AW313S	0.017
		Green	ZB5AW333S	0.017
		Red	ZB5AW343S	0.017
		Orange	ZB5AW353S	0.017
		Blue	ZB5AW363S	0.017

## Heads only, square (2)

 	Flush (legend can be inserted)	White	ZB5CW313	0.023
		Green	ZB5CW333	0.023
		Red	ZB5CW343	0.023
		Orange	ZB5CW353	0.023
		Blue	ZB5CW363	0.023
 	Flush (high guard)	White	ZB5CW3136	0.014
		Green	ZB5CW3336	0.014
		Red	ZB5CW3436	0.014
		Orange	ZB5CW3536	0.014
		Blue	ZB5CW3636	0.014

## Illuminated pushbuttons with projecting push (1)

Shape of head	Type of push	Color	Reference	Weight (kg)
<b>Heads only, circular (2) - With plain lens</b>				
 	Projecting	White	ZB5AW113	0.018
		Green	ZB5AW133	0.018
		Red	ZB5AW143	0.018
		Orange	ZB5AW153	0.018
		Blue	ZB5AW163	0.018
 	Projecting	White	ZB5AW113S	0.017
		Green	ZB5AW133S	0.017
		Red	ZB5AW143S	0.017
		Orange	ZB5AW153S	0.017
		Blue	ZB5AW163S	0.017
<b>Heads only, square (2)</b>				
 	Projecting (legend can be inserted)	White	ZB5CW113	0.024
		Green	ZB5CW133	0.024
		Red	ZB5CW143	0.024
		Orange	ZB5CW153	0.024
		Blue	ZB5CW163	0.024

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) Only for use with bodies comprising a light source with integral LED.

(3) For legend ordering information, see page 61.

(4) For use in bright ambient light conditions (for example, outdoors in sunlight).



ZB5AW313



ZB5AW363



ZB5CW313



ZB5CW3136



ZB5AW143








ZB5CW143

Assembly of other products using:  
combined sub-assemblies: see page 46  
accessories: see page 52

## Control and signaling units Ø 22

Harmony® XB5, plastic

Illuminated pushbuttons, spring return,  
with BA 9s base fitting

Illuminated pushbuttons with flush push <sup>(1)</sup>							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
Shape of head	Description	Type of contact		Supply voltage V	Color of push	Reference	Weight kg
							
		N/O	N/C				
<b>Complete units - With plain lens</b>							
 523844  XB5AW3465	Direct supply for bulb with BA 9s base fitting, 2.4 W max, (bulb not included)	1	1	≤ 250	White	<b>XB5AW3165</b> (ZB5AW065 + ZB5AW31)	0.057
					Green	<b>XB5AW3365</b> (ZB5AW065 + ZB5AW33)	0.057
					Red	<b>XB5AW3465</b> (ZB5AW065 + ZB5AW34)	0.057
					Orange	<b>XB5AW3565</b> (ZB5AW065 + ZB5AW35)	0.057
 563461  XB5AW3335	Via integral transformer 1.2 VA, 6 V secondary, incandescent bulb with BA 9s base fitting, (bulb included)	1	1	~ 110...120 50/60 Hz	White	<b>XB5AW3135</b> (ZB5AW035 + ZB5AW31)	0.128
					Green	<b>XB5AW3335</b> (ZB5AW035 + ZB5AW33)	0.128
					Red	<b>XB5AW3435</b> (ZB5AW035 + ZB5AW34)	0.128
					Orange	<b>XB5AW3535</b> (ZB5AW035 + ZB5AW35)	0.128
				~ 230 50 Hz ~ 220...240 60 Hz	White	<b>XB5AW3145</b> (ZB5AW045 + ZB5AW31)	0.129
					Green	<b>XB5AW3345</b> (ZB5AW045 + ZB5AW33)	0.129
					Red	<b>XB5AW3445</b> (ZB5AW045 + ZB5AW34)	0.129
					Orange	<b>XB5AW3545</b> (ZB5AW045 + ZB5AW35)	0.129
<b>Heads only <sup>(2)</sup> - With plain lens</b>							
 814559  ZB5AW33	Flush				White	<b>ZB5AW31</b>	0.018
					Green	<b>ZB5AW33</b>	0.018
					Red	<b>ZB5AW34</b>	0.018
					Orange	<b>ZB5AW35</b>	0.018
					Blue	<b>ZB5AW36</b>	0.018
					Clear	<b>ZB5AW37</b>	0.018
		<b>Heads only <sup>(2)</sup> - With grooved lens <sup>(3)</sup></b>					
	Flush				White	<b>ZB5AW31S</b>	0.018
					Green	<b>ZB5AW33S</b>	0.018
					Red	<b>ZB5AW34S</b>	0.018
					Orange	<b>ZB5AW35S</b>	0.018
					Blue	<b>ZB5AW36S</b>	0.018
					Clear	<b>ZB5AW37S</b>	0.018
<b>Illuminated pushbuttons with projecting push <sup>(1)</sup></b>							
<b>Heads only <sup>(2)</sup> - With plain lens</b>							
	Projecting				White	<b>ZB5AW11</b>	0.017
					Green	<b>ZB5AW13</b>	0.017
					Red	<b>ZB5AW14</b>	0.017
					Orange	<b>ZB5AW15</b>	0.017
					Blue	<b>ZB5AW16</b>	0.017
					Clear	<b>ZB5AW17</b>	0.017
<b>Heads only <sup>(2)</sup> - With grooved lens <sup>(3)</sup></b>							
	Projecting				White	<b>ZB5AW11S</b>	0.018
					Green	<b>ZB5AW13S</b>	0.018
					Red	<b>ZB5AW14S</b>	0.018
					Orange	<b>ZB5AW15S</b>	0.018
					Blue	<b>ZB5AW16S</b>	0.018
					Clear	<b>ZB5AW17S</b>	0.018

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) Only for use with bodies comprising a light source with BA 9s base fitting bulb (incandescent, neon or LED).

(3) For use in bright ambient light conditions (for example, outdoors in sunlight).

User assembly of other units, using:  
body-contacts assemblies: see page 40  
combined sub-assemblies: see page 46



Double-headed pushbuttons (1)						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Shape of head	Description	Type of contact		Color and marking of caps (2)	Reference	Weight kg
		N/O	N/C			

Complete units						
	2 pushes (1 flush black + 1 projecting red)	1	1	White "I" on green background White "0" on red background	<b>XB5AL73415</b>	0.053

Heads only						
	2 flush black pushes			White background + black background, unmarked	<b>ZB5AA7120</b>	0.023
				Black "I" on white background White "0" on black background	<b>ZB5AA7121</b>	0.023
				Green background + red background, unmarked	<b>ZB5AA7340</b>	0.023
				White "I" on green background White "0" on red background	<b>ZB5AA7341</b>	0.023
				Without cap (3)	<b>ZB5AA79</b>	0.023

	1 flush black push 1 projecting red push			Green background + red background, unmarked	<b>ZB5AL7340</b>	0.023
				White "I" on green background White "0" on red background	<b>ZB5AL7341</b>	0.023

Double-headed pushbuttons + 1 white central pilot light block (1)							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
Shape of head	Description	Type of contact		Color and marking of caps (2)	Pilot light voltage V	Reference	Weight kg
		N/O	N/C				

Complete units							
	1 flush black push 1 projecting red push 1 white central pilot light block	1	1	White "I" on green background White "0" on red background	24	<b>XB5AW73731B5</b>	0.066
					120	<b>XB5AW73731G5</b>	0.066
					240	<b>XB5AW73731M5</b>	0.066

Heads only (5)							
	2 flush black pushes 1 clear central pilot light (4)			White background + black background, unmarked		<b>ZB5AW7A1720</b>	0.023
				Black "I" on white background White "0" on black background		<b>ZB5AW7A1721</b>	0.023
				Green background + red background, unmarked		<b>ZB5AW7A3740</b>	0.023
				White "I" on green background White "0" on red background		<b>ZB5AW7A3741</b>	0.023
				Black "†" on white background White "Ø" on black background		<b>ZB5AW7A1724</b>	0.023
				Black "+" on white background Black "-" on white background		<b>ZB5AW7A1715</b>	0.023
				Without cap (3)		<b>ZB5AW7A9</b>	0.023

	1 flush black push 1 projecting red push 1 clear central pilot light (4)			Green background + red background, unmarked		<b>ZB5AW7L3740</b>	0.023
				White "I" on green background White "0" on red background		<b>ZB5AW7L3741</b>	0.023

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) These caps are fitted by Schneider Electric and cannot be removed (risk of damage).

(3) Caps to be ordered separately: see page opposite.

(4) Color of centrally positioned pilot light determined by the color of the LED incorporated in the body sub-assembly.

(5) Only for use with bodies comprising a light source with integral LED.

User assembly of other units, using:  
body-contacts assemblies: see page 40  
combined sub-assemblies: see page 46

## Control and signaling units Ø 22

Harmony® XB5 plastic

Multiple-headed pushbuttons, spring return

Triple-headed pushbuttons (1) (2)							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
Shape of head	Description	Type of contact			Color and marking of caps (3)	Reference	Weight kg
		N/O	N/C	N/O			

Complete units							
	2 flush black pushes + 1 central projecting red push marked "Stop" in white	1	1	1	White "I" on green background White "II" on green background	<b>XB5AA731327</b>	0.063
					Black "→" on white background White "←" on black background	<b>XB5AA711237</b>	0.063

Heads only							
	2 flush black pushes + 1 central projecting red push marked "Stop" in white				White "I" on green background White "II" on green background	<b>ZB5AA73132</b>	0.023
					White "←" on green background White "→" on green background	<b>ZB5AA73133</b>	0.023
					White "↑" on green background White "↓" on green background	<b>ZB5AA73134</b>	0.023
					White "+" on green background White "-" on green background	<b>ZB5AA73135</b>	0.023
					Black "+" on white background Black "-" on white background	<b>ZB5AA71115</b>	0.023
					Black "→" on white background White "←" on black background	<b>ZB5AA71123</b>	0.023
					Black "↑" on white background White "↓" on black background	<b>ZB5AA71124</b>	0.023
					White "↑" on black background White "↓" on black background	<b>ZB5AA72124</b>	0.023
					Without cap (4)	<b>ZB5AA791</b>	0.023

### Specific accessories for multiple-headed pushbuttons

Description	Background color	Marking	Sold in lots of	Reference	Weight kg	
Caps only for clip-on mounting (5) on: - ZB5AA79 double-headed pushbuttons - ZB5AW7A9 double-headed pushbuttons + central pilot light block - ZB5AA791 triple-headed pushbuttons	White	Unmarked	10	<b>ZBA71</b>	0.010	
		"I" black	10	<b>ZBA7131</b>	0.010	
		"↑" black	10	<b>ZBA7134</b>	0.010	
		"+" black	10	<b>ZBA7138</b>	0.010	
	Black	Unmarked	10	<b>ZBA72</b>	0.010	
		"O" white	10	<b>ZBA7232</b>	0.010	
		"+" white	10	<b>ZBA7233</b>	0.010	
		"↓" white	10	<b>ZBA7235</b>	0.010	
			"I" white	10	<b>ZBA7237</b>	0.010
	Green	Unmarked	10	<b>ZBA73</b>	0.010	
		"I" white	10	<b>ZBA7331</b>	0.010	
		"+" white	10	<b>ZBA7333</b>	0.010	
"↓" white		10	<b>ZBA7335</b>	0.010		
		"II" white	10	<b>ZBA7336</b>	0.010	
Red	Unmarked	10	<b>ZBA74</b>	0.010		
	"O" white	10	<b>ZBA7432</b>	0.010		
Yellow	Unmarked	10	<b>ZBA75</b>	0.010		
Blue	Unmarked	10	<b>ZBA76</b>	0.010		
Clear silicone boots (6)	For 2 flush pushes	–	10	<b>ZBA708</b>	0.055	
	For 3 pushes	–	10	<b>ZBA709</b>	0.055	
	For 1 flush push + 1 projecting push	–	10	<b>ZBA710</b>	0.055	

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) Not compatible with high power switching contacts and contacts for printed circuit board.

(3) These caps are fitted by Schneider Electric and cannot be removed (risk of damage).

(4) Caps to be ordered separately: see accessories on this page.

(5) Can be clipped-in at 90° steps, through 360°.

(6) Can be replaced without dismantling the head.



XB5AA731327



ZB5AA73133



ZB5AA71124



ZBA7235



ZBA7331



ZBA7432







ZBA709

Assembly of other products using:  
body/contact assemblies: see page 40  
accessories: see page 52

## Control and signaling units Ø 22

Harmony® XB5, plastic

Mushroom head pushbuttons, spring return

Mushroom head pushbuttons <sup>(1) (2)</sup>							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
Shape of head	Type of push	Type of contact		Push Ø (mm)	Color	Reference	Weight kg
							
		N/O	N/C				
<b>Complete units</b>							
	Mushroom head	1	–	40	Black	<b>XB5AC21</b> (ZB5AZ101 + ZB5AC2)	0.062
<b>Heads only</b>							
	Mushroom head			30	Black	<b>ZB5AC24</b>	0.027
					Green	<b>ZB5AC34</b>	0.027
					Red	<b>ZB5AC44</b>	0.027
					Yellow	<b>ZB5AC54</b>	0.027
					Blue	<b>ZB5AC64</b>	0.027
				40	Black	<b>ZB5AC2</b>	0.046
					Green	<b>ZB5AC3</b>	0.046
					Red	<b>ZB5AC4</b>	0.046
					Yellow	<b>ZB5AC5</b>	0.046
					Blue	<b>ZB5AC6</b>	0.046
				60	Black	<b>ZB5AR2</b>	0.065
					Green	<b>ZB5AR3</b>	0.065
					Red	<b>ZB5AR4</b>	0.065
					Yellow	<b>ZB5AR5</b>	0.065
					Blue	<b>ZB5AR6</b>	0.065
				60 (3)	Black	<b>ZB5AR216</b>	0.048
				Hemispherical	Green	<b>ZB5AR316</b>	0.048
					Red	<b>ZB5AR416</b>	0.048
					Yellow	<b>ZB5AR516</b>	0.048
					Blue	<b>ZB5AR616</b>	0.048



(1) These pushbuttons and heads cannot be used for an Emergency Stop function.

Therefore, it is recommended that a legend with a black or white background is used.

(2) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(3) Ergonomic product used in two-handed control applications. Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head: 6.








Assembly of other products using:  
body/contact assemblies: see page 40  
accessories: see page 52

## Control and signaling units Ø 22



Harmony® XB5, plastic

Mushroom head pushbuttons, latching

### Mushroom head pushbuttons (1) (2)

Shape of head	Type of reset	Push Ø (mm)	Color	Reference	Weight kg	
<b>Heads only</b>						
 110354 ZB5AT2		Push-pull	30	Black	ZB5AT24	0.044
			40	Black	ZB5AT2	0.049
			60	Black	ZB5AX2	0.067
 53558 ZB5AS62		Turn to release	30	Black	ZB5AS42	0.040
			40	Black	ZB5AS52	0.044
			40	Yellow	ZB5AS55	0.044
			60	Black	ZB5AS62	0.064
 623835 ZB5AS72		Key release (key n° 455) (2 keys included with head) (3)  (5)	30	Black	ZB5AS72	0.040
			40	Black	ZB5AS12 (4)	0.044
			60	Black	ZB5AS22	0.064

### Illuminated mushroom head pushbuttons (2)

Shape of head	Type of reset	Push Ø (mm)	Color	Reference	Weight kg	
<b>Heads only (6)</b>						
 103547 ZB5AW733		Turn to release	40	White	ZB5AW713	0.022
				Green	ZB5AW733	0.022
				Orange	ZB5AW753	0.022
				Blue	ZB5AW763	0.022

(1) These pushbuttons and heads cannot be used for an Emergency Stop function.

Therefore, it is recommended that a legend with a black or white background is used.

(2) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(3) For specific keys with other numbers, please consult our Customer Care Centre.

(4) Other key numbers:

- key n° 421E: add suffix **12** to the reference.

- key n° 458A: add suffix **10** to the reference.

- key n° 520E: add suffix **14** to the reference.

- key n° 3131A: add suffix **20** to the reference.

Example: To order a Ø 40 black mushroom head for a latching pushbutton, with release by key n° 421E, the reference becomes: **ZB5AS1212**.

(5) The symbol  indicates key withdrawal position(s).

(6) Only for use with bodies comprising a light source with integral LED.



Assembly of other products using:  
body/contact assemblies: see page 40  
combined sub-assemblies: see page 46  
accessories: see pages 61 and 62

## Control and signaling units Ø 22

Harmony® XB5, plastic

Emergency stop devices



Conforming to EN/IEC 60204-1 and

EN/ISO 13850 and Machinery Directive 2006/42/EC





Mushroom head Emergency stop trigger action and mechanical latching pushbuttons conform to standards EN/IEC 60204-1 and EN/ISO 13850, to Machinery Directive 2006/42/EC and to standard EN/IEC 60947-5-5. Please consult our Customer Care Centre for a full explanation of these standards and directives.

### Emergency stop trigger action and mechanical latching pushbuttons (1) (2)





Screw clamp terminal connections (Schneider Electric anti-loosening system)

Shape of head	Type of reset	Type of contact	Push Ø (mm)	Color	Reference	Weight kg
		 N/O				
		 N/C				

#### Complete units

	Push-pull	1	1	40	Red	<b>XB5AT845</b> (ZB5AZ105 + ZB5AT84)	0.076
	Turn to release	1	1	40	Red	<b>XB5AS8445</b> (ZB5AZ105 + ZB5AS844)	0.072
		–	2	40	Red	<b>XB5AS8444</b> (ZB5AZ104 + ZB5AS844)	0.072
	Key release (key n° 455)  (3)	1	1	40	Red	<b>XB5AS9445</b> (ZB5AZ105 + ZB5AS944)	0.112

#### Heads only

Shape of head	Type of reset	Push Ø (mm)	Color	Reference	Weight kg
	Push-pull	30	Red	<b>ZB5AT844</b>	0.050
		40	Red	<b>ZB5AT84</b>	0.050
		60	Red	<b>ZB5AX84</b>	0.050
	Turn to release	30	Red	<b>ZB5AS834</b>	0.042
		40	Red	<b>ZB5AS844</b>	0.046
	Key release (key n° 455) 2 keys included with head (5)  (3)	30	Red	<b>ZB5AS934</b>	0.068
		40	Red	<b>ZB5AS944 (4)</b>	0.071
		60	Red	<b>ZB5AS964</b>	0.092
		40	Red	<b>ZB5AS944D</b>	0.071


#### Bellows for harsh environments (IP 69K) (6)

For use in	Material	Color	Sold in lots of	Unit reference	Weight kg
Environments subject to humidity, dust, high pressure cleaning, etc.	Silicone	Red	2	<b>ZBZ48</b>	0.009
	EPDM	Black	2	<b>ZBZ28</b>	0.009
		Yellow	2	<b>ZBZ58</b>	0.009

### Illuminated Emergency stop trigger action and mechanical latching pushbuttons with mechanical state indicator (1)


For elevator inspection box applications

#### Heads only (7)

Shape of head	Type of reset	Push Ø (mm)	Color	Reference	Weight kg
	Push-pull (8)	40	Red	<b>ZB5AT8643M</b>	0.034

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) It is recommended that a legend or yellow background is used.

(3) The symbol  indicates key withdrawal position(s).

(4) Other key numbers:

- key n° 421E: add suffix **12** to the reference.
- key n° 458A: add suffix **10** to the reference.
- key n° 520E: add suffix **14** to the reference.
- key n° 3131A: add suffix **20** to the reference.
- key n° 4A185: add suffix **D** to the reference.

Example: To order a Ø 40 red mushroom head for a trigger action and mechanical latching Emergency stop pushbutton, with release by key n° 421E, the reference becomes: **ZB5AS94412**.

(5) For specific keys with other numbers, please consult our Customer Care Centre.

(6) Not compatible with Ø 30 pushbuttons.

(7) Only for use with bodies comprising a light source with integral LED.

(8) Cannot be used with metal guards ZBZ160•.



XB5AT845



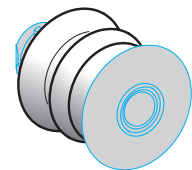
XB5AS8445



XB5AS9445



ZB5AS844



ZBZ•8



ZB5AT8643M

Assembly of other products using:  
 body/contact assemblies: see page 40  
 combined sub-assemblies: see page 46  
 accessories: see pages 61 and 62



## Control and signaling units Ø 22









Harmony® XB5, plastic

Emergency switching off devices

Conforming to IEC 60364-5-53

Mushroom head switching off mechanical latching pushbuttons conform to standards IEC 60364-5-53 and EN/IEC 60947-5-5. Please consult our Customer Care Centre for a full explanation of these standards and directives.

Emergency switching off, mechanical latching pushbuttons <sup>(1)</sup> <sup>(2)</sup>							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
Shape of head	Type of reset	Type of contact		Push Ø mm	Color	Reference	Weight kg
							

Complete units							
	Push-pull	–	1	40	Red	<b>XB5AT42</b> (ZB5AZ102 + ZB5AT4)	0.065
	Turn to release	–	1	40	Red	<b>XB5AS542</b> (ZB5AZ102 + ZB5AS54)	0.060
	Key release (key n° 455)  (3)	–	1	40	Red	<b>XB5AS142</b> (ZB5AZ102 + ZB5AS14)	0.075
Heads only							
	Push-pull			30	Red	<b>ZB5AT44</b>	0.049
				40	Red	<b>ZB5AT4</b>	0.049
				60	Red	<b>ZB5AX4</b>	0.067
	Turn to release			30	Red	<b>ZB5AS44</b>	0.040
				40	Red	<b>ZB5AS54</b>	0.044
				60	Red	<b>ZB5AS64</b>	0.064
	Key release (key n° 455) 2 keys included with head <sup>(5)</sup>  (3)			30	Red	<b>ZB5AS74</b>	0.040
				40	Red	<b>ZB5AS14</b> <sup>(4)</sup>	0.044
				60	Red	<b>ZB5AS24</b>	0.060
				40	Red	<b>ZB5AS14D</b>	0.044


Illuminated Emergency switching off, mechanical latching pushbuttons <sup>(1)</sup>						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Shape of head	Type of reset	Push Ø (mm)	Color	Reference	Weight kg	

Heads only <sup>(6)</sup>						
	Turn to release	40	Red	<b>ZB5AW743</b>	0.022	



(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) It is recommended that a legend or yellow background is used.

(3) The symbol  indicates key withdrawal position(s).

(4) Other key numbers:

- key n° 421E: add suffix **12** to the reference.

- key n° 458A: add suffix **10** to the reference.

- key n° 520E: add suffix **14** to the reference.

- key n° 3131A: add suffix **20** to the reference.

Example: To order a Ø 40 red mushroom head for a mechanical latching Emergency switching off pushbutton, with release by key n° 421E, the reference becomes: **ZB5AS1412**.

(5) For specific keys with other numbers, please consult our Customer Care Centre.

(6) Only for use with bodies comprising a light source with integral LED.



XB5AS42



ZB5AT4






ZB5AS64



ZB5AS24

Assembly of other products using:  
 body/contact assemblies: see page 40  
 combined sub-assemblies: see page 46  
 accessories: see page 52


#### Pushbuttons with flush push (1)

Shape of head	Type of push	Color of push	Reference	Weight kg
<b>Heads only, circular</b>				
	Without cap (2)	–	ZB5AH0	0.018
	Flush	White	ZB5AH01	0.018
		Black	ZB5AH02	0.018
		Green	ZB5AH03	0.018
		Red	ZB5AH04	0.018
		Yellow	ZB5AH05	0.018
		Blue	ZB5AH06	0.018
<b>Heads only, square</b>				
	Without cap (2)	–	ZB5CH0	0.020
	Flush	White	ZB5CH01	0.020
		Black	ZB5CH02	0.020
		Green	ZB5CH03	0.020
		Red	ZB5CH04	0.020
		Yellow	ZB5CH05	0.020
		Blue	ZB5CH06	0.020





ZB5AH04

#### Pushbuttons with projecting push (1)

Shape of head	Type of push	Color of push	Reference	Weight kg
<b>Heads only, circular</b>				
	Projecting	White	ZB5AH1	0.018
		Black	ZB5AH2	0.018
		Green	ZB5AH3	0.018
		Red	ZB5AH4	0.018
		Yellow	ZB5AH5	0.018
		Blue	ZB5AH6	0.018


#### Illuminated pushbuttons with flush push (1)

Shape of head	Type of push	Color of push	Reference	Weight kg
<b>Heads only, circular (3)</b>				
	Flush	White	ZB5AH013	0.017
		Green	ZB5AH033	0.017
		Red	ZB5AH043	0.017
		Orange	ZB5AH053	0.017
		Blue	ZB5AH063	0.017
<b>Heads only, square (3)</b>				
	Flush	White	ZB5CH313	0.018
		Green	ZB5CH333	0.018
		Red	ZB5CH343	0.018
		Orange	ZB5CH353	0.018
		Blue	ZB5CH363	0.018



ZB5CH343

#### Illuminated pushbuttons with projecting push (1)

Shape of head	Type of push	Color of push	Reference	Weight kg
<b>Heads only, circular (3)</b>				
	Projecting	White	ZB5AH13	0.017
		Green	ZB5AH33	0.017
		Red	ZB5AH43	0.017
		Orange	ZB5AH53	0.017
		Blue	ZB5AH63	0.017

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) Caps to be ordered separately, see page 52.

(3) Only for use with bodies comprising a light source with integral LED.

Assembly of other products using:  
body/contact assemblies: see page 40  
accessories: see page 52

## Control and signaling units Ø 22


Harmony® XB5, plastic

Pushbuttons, "push-turn to release"

523836



ZB5AFDA

Pushbuttons with key-operated push <sup>(1)</sup>					
Shape of head	Type of push	Locking	Key withdrawal	Reference	Weight kg
<b>Heads only</b>					
	Key n° 4A185	Both positions	Both positions	ZB5AFDA	0.050
		Actuated position	Actuated position	ZB5AFDB	0.050
		Rest position	Rest position	ZB5AFDC	0.050
		Actuated position	Both positions	ZB5AFDD	0.050
	Key LU1	Both positions	Both positions	ZB5AFDE01	0.050
	Key LU2	Both positions	Both positions	ZB5AFDE02	0.050
	Key LU3	Both positions	Both positions	ZB5AFDE03	0.050
	Key LU4	Both positions	Both positions	ZB5AFDE04	0.050
	Key LU5	Both positions	Both positions	ZB5AFDE05	0.050
	Key LU6	Both positions	Both positions	ZB5AFDE06	0.050
	Key LU7	Both positions	Both positions	ZB5AFDE07	0.050
	Key LU8	Both positions	Both positions	ZB5AFDE08	0.050
	Key LU9	Both positions	Both positions	ZB5AFDE09	0.050
	Key LU10	Both positions	Both positions	ZB5AFDE10	0.050
	Key LU11	Both positions	Both positions	ZB5AFDE11	0.050
	Key LU12	Both positions	Both positions	ZB5AFDE12	0.050
	Key LU13	Both positions	Both positions	ZB5AFDE13	0.050
	Key LU14	Both positions	Both positions	ZB5AFDE14	0.050
	Key LU15	Both positions	Both positions	ZB5AFDE15	0.050

110321




ZB5AF

110322



ZB5AF351

Pushbuttons with knurled push <sup>(1)</sup>				
Shape of head	Type of push	Marking	Reference	Weight kg
<b>Heads only</b>				
	Knurled without cap <sup>(2)</sup>	–	ZB5AF	0.027
		↑ (white on black background)	ZB5AF351	0.030

<sup>(1)</sup> Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.















<sup>(2)</sup> Colored caps to be ordered separately: see page 52.

Assembly of other products using:  
body/contact assemblies: see page 40  
accessories: see page 52

## Control and signaling units Ø 22












Harmony® XB5, plastic

Selector switches with standard handle

Selector switches with standard handle <sup>(1)</sup>								
Screw clamp terminal connections (Schneider Electric anti-loosening system)								
Shape of head	Type of operator	Type of contact		Positions		Reference	Weight kg	
		N/O	N/C	Number	Type			
<b>Complete units</b>								
	Standard handle, black	1	–	2-position 90°	Stay put		<b>XB5AD21</b> (ZB5AZ101 + ZB5AD2)	0.043
		1	–		Spring return from right to left		<b>XB5AD41</b> (ZB5AZ101 + ZB5AD4)	0.046
		1	1		Stay put		<b>XB5AD25</b> (ZB5AZ105 + ZB5AD2)	0.043
		2	–	3-position ± 45°	Stay put		<b>XB5AD33</b> (ZB5AZ103 + ZB5AD3)	0.043
					Spring return to centre		<b>XB5AD53</b> (ZB5AZ103 + ZB5AD5)	0.043
<b>Heads only</b>								
	Standard handle, black			2-position 90°	Stay put		<b>ZB5AD2</b>	0.017
					Spring return from right to left		<b>ZB5AD4</b>	0.020
				3-position ± 45°	Stay put		<b>ZB5AD3</b>	0.017
					Spring return to centre		<b>ZB5AD5</b>	0.017
					Spring return from left to centre		<b>ZB5AD7</b>	0.017
					Spring return from right to centre		<b>ZB5AD8</b>	0.017
<b>Heads only with other colored handles</b>								
	Standard handle, white					add suffix <b>01</b> to the reference, example: <b>ZB5AD201</b>		
	Standard handle, green					add suffix <b>03</b> to the reference, example: <b>ZB5AD203</b>		
	Standard handle, red					add suffix <b>04</b> to the reference, example: <b>ZB5AD204</b>		
	Standard handle, yellow					add suffix <b>05</b> to the reference, example: <b>ZB5AD205</b>		
	Standard handle, blue					add suffix <b>06</b> to the reference, example: <b>ZB5AD206</b>		



(1) Recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

Assembly of other products using:  
body/contact assemblies: see page 40  
accessories: see page 52

Selector switches with long handle <sup>(1)</sup>							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
Shape of head	Type of operator	Type of contact		Positions		Reference	Weight kg
		N/O	N/C	Number	Type		
<b>Complete units</b>							
	Long handle, black	1	-	2-position 90°	Stay put	 <b>ZB5AJ21</b> (ZB5AZ101 + ZB5AJ2)	0.043
				3-position ± 45°	Stay put	 <b>ZB5AJ33</b> (ZB5AZ103 + ZB5AJ3)	0.043
					Spring return to centre	 <b>ZB5AJ53</b> (ZB5AZ103 + ZB5AJ5)	0.043
<b>Heads only</b>							
	Long handle, black	-	-	2-position 90°	Stay put	 <b>ZB5AJ2</b>	0.017
				3-position ± 45°	Spring return from right to left	 <b>ZB5AJ4</b>	0.020
					Stay put	 <b>ZB5AJ3</b>	0.017
				Spring return to centre	 <b>ZB5AJ5</b>	0.017	
				Spring return from left to centre	 <b>ZB5AJ7</b>	0.017	
				Spring return from right to centre	 <b>ZB5AJ8</b>	0.017	

(1) Recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

Assembly of other products using:  
body/contact assemblies: see page 40  
accessories: see page 52

Key switches (1)						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Shape of head	Type of operator	Type of contact		Positions		Reference
				Number	Type (2)	
















**Complete units**




	Key switch with key n° 455	1	-	2-position 90°	Stay put		<b>XB5AG21</b> (ZB5AZ101 + ZB5AG2)	0.831
							<b>XB5AG41</b> (ZB5AZ101 + ZB5AG4)	0.831
							<b>XB5AG61</b> (ZB5AZ101 + ZB5AG6)	0.870
		2	-	3-position ± 45°	Stay put		<b>XB5AG03</b> (ZB5AZ103 + ZB5AG0)	0.831
							<b>XB5AG33</b> (ZB5AZ103 + ZB5AG3)	0.831

**Heads only**



	Key switch with key n° 455 (3) (4)			2-position 90°	Stay put		<b>ZB5AG2</b>	0.057		
							<b>ZB5AG02</b>	0.057		
							<b>ZB5AG4</b>	0.057		
							<b>ZB5AG6</b>	0.061		
						3-position ± 45°	Stay put		<b>ZB5AG0</b>	0.057
									<b>ZB5AG3</b>	0.057
					<b>ZB5AG5</b>			0.057		
					<b>ZB5AG9</b>			0.057		
					<b>ZB5AG09</b>			0.057		
					<b>ZB5AG1</b>			0.057		
					<b>ZB5AG7</b>			0.057		
					<b>ZB5AG8</b>			0.057		
					<b>ZB5AG05</b>			0.057		
					<b>ZB5AG08</b>	0.057				

(1) Recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) The symbol  indicates key withdrawal position(s).

(3) Other key numbers:

- key n° 421E: add suffix **12** to the reference.

- key n° 458A: add suffix **10** to the reference.

- key n° 520E: add suffix **14** to the reference.

- key n° 3131A: add suffix **20** to the reference.

Example: For a switch head with key n° 421E, 2-position stay put with key withdrawal from the left-hand position, the reference becomes: **ZB5AG212**.

(4) For specific keys with other numbers, please consult our Customer Care Centre.




















Assembly of other products using:  
body/contact assemblies: see page 40  
accessories: see page 52








## Control and signaling units Ø 22







Harmony® XB5, plastic

Key switches with key 8D1


Selector switches with knurled knob - Toggle switches

Key switches (continued) (1)							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
Shape of head	Type of operator	Positions (2)		Reference	Weight kg		
		Number	Type				
	Key switch with key n° 8D1	2-position 90°	Stay put		ZB5AG2D	0.057	
					ZB5AG02D	0.057	
					ZB5AG4D	0.057	
		3-position ± 45°	Stay put	Spring return from right to left		ZB5AG6D	0.061
						ZB5AG0D	0.057
						ZB5AG3D	0.057
				Spring return from left to centre		ZB5AG5D	0.057
						ZB5AG9D	0.057
						ZB5AG09D	0.057
				Spring return from right to centre		ZB5AG03D	0.057
						ZB5AG04D	0.057
						ZB5AG06D	0.057
				Spring return to centre		ZB5AG1D	0.057
						ZB5AG07D	0.057
						ZB5AG8D	0.057
				ZB5AG08D	0.057		
				ZB5AG05D	0.057		
				ZB5AG7D	0.057		

Selector switches with knurled knob (1)						
Shape of head	Type of operator	Positions		Reference	Weight kg	
		Number	Type			
	Black knurled knob	2-position 90°	Stay put		ZB5AD29	0.020
					ZB5AD49	0.024
		3-position ± 45°	Stay put		ZB5AD39	0.020
					ZB5AD59	0.020
					ZB5AD79	0.020
			ZB5AD89	0.020		

Toggle switches (1)						
Shape of head	Type of operator	Positions		Reference	Weight kg	
		Number	Type			
	Black lever	2-position 90°	Stay put		ZB5AD28	0.023
					ZB5AD48	0.023
		2-position 90°	Stay put		ZB5AD2801	0.023
					ZB5AD2804	0.023
					ZB5AD2806	0.023

(1) Recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) The symbol  indicates key withdrawal position(s)



ZB5AD39



ZB5AD28










Assembly of other products using:  
combined sub-assemblies: see page 46  
accessories: see page 52

## Control and signaling units Ø 22

### Harmony® XB5, plastic

Illuminated selector switches with standard handle,  
with integral LED

Illuminated selector switches with standard handle, with integral LED <sup>(1)</sup>														
Screw clamp terminal connections (Schneider Electric anti-loosening system)														
Shape of head	Type of operator	Type of contact	Positions Number Type	Supply voltage V	Color of handle	Reference	Weight kg							
														
		N/O	N/C											
<b>Complete units</b>														
 XB5AK123•5		Standard handle	1	1	2-position Stay put  90°	~ 24 (50/60 Hz)	Green <b>XB5AK123B5</b> (ZB5AW0B35 + ZB5AK1233)	0.516						
							Red <b>XB5AK124B5</b> (ZB5AW0B45 + ZB5AK1243)	0.516						
							Orange <b>XB5AK125B5</b> (ZB5AW0B55 + ZB5AK1253)	0.516						
						~ 110...120 (50/60 Hz)	Green <b>XB5AK123G5</b> (ZB5AW0G35 + ZB5AK1233)	0.516						
							Red <b>XB5AK124G5</b> (ZB5AW0G45 + ZB5AK1243)	0.516						
							Orange <b>XB5AK125G5</b> (ZB5AW0G55 + ZB5AK1253)	0.516						
						~ 230...240 (50/60 Hz)	Green <b>XB5AK123M5</b> (ZB5AW0M35 + ZB5AK1233)	0.516						
							Red <b>XB5AK124M5</b> (ZB5AW0M45 + ZB5AK1243)	0.516						
							Orange <b>XB5AK125M5</b> (ZB5AW0M55 + ZB5AK1253)	0.516						
						 XB5AK124•5						~ 24 (50/60 Hz)	Green <b>XB5AK133B5</b> (ZB5AW0B35 + ZB5AK1333)	0.516
													Red <b>XB5AK134B5</b> (ZB5AW0B45 + ZB5AK1343)	0.516
													Orange <b>XB5AK135B5</b> (ZB5AW0B55 + ZB5AK1353)	0.516
~ 110...120 (50/60 Hz)	Green <b>XB5AK133G5</b> (ZB5AW0G35 + ZB5AK1333)	0.516												
	Red <b>XB5AK134G5</b> (ZB5AW0G45 + ZB5AK1343)	0.516												
	Orange <b>XB5AK135G5</b> (ZB5AW0G55 + ZB5AK1353)	0.516												
~ 230...240 (50/60 Hz)	Green <b>XB5AK133M5</b> (ZB5AW0M35 + ZB5AK1333)	0.516												
	Red <b>XB5AK134M5</b> (ZB5AW0M45 + ZB5AK1343)	0.516												
	Orange <b>XB5AK135M5</b> (ZB5AW0M55 + ZB5AK1353)	0.516												
 XB5AK125•5												~ 24 (50/60 Hz)	Green <b>XB5AK133B5</b> (ZB5AW0B35 + ZB5AK1333)	0.516
													Red <b>XB5AK134B5</b> (ZB5AW0B45 + ZB5AK1343)	0.516
													Orange <b>XB5AK135B5</b> (ZB5AW0B55 + ZB5AK1353)	0.516
						~ 110...120 (50/60 Hz)	Green <b>XB5AK133G5</b> (ZB5AW0G35 + ZB5AK1333)	0.516						
							Red <b>XB5AK134G5</b> (ZB5AW0G45 + ZB5AK1343)	0.516						
							Orange <b>XB5AK135G5</b> (ZB5AW0G55 + ZB5AK1353)	0.516						
						~ 230...240 (50/60 Hz)	Green <b>XB5AK133M5</b> (ZB5AW0M35 + ZB5AK1333)	0.516						
							Red <b>XB5AK134M5</b> (ZB5AW0M45 + ZB5AK1343)	0.516						
							Orange <b>XB5AK135M5</b> (ZB5AW0M55 + ZB5AK1353)	0.516						










(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

Assembly of other products using:  
combined sub-assemblies: see page 46  
accessories: see page 52

## Control and signaling units Ø 22

Harmony® XB5, plastic

Illuminated selector switches with standard handle,  
with integral LED

Illuminated selector switches with standard handle, with integral LED <i>(continued)</i> (1)								
Shape of head	Type of operator	Positions		Color of handle	Reference	Weight kg		
		Number	Type					
<b>Heads only (2)</b>								
 108225 ZB5AK1263		Standard handle	2-position 90°	Stay put		White	ZB5AK1213	0.016
						Green	ZB5AK1233	0.016
						Red	ZB5AK1243	0.016
						Orange	ZB5AK1253	0.016
						Blue	ZB5AK1263	0.016
 108227 ZB5AK1463				Spring return from right to left		White	ZB5AK1413	0.017
						Green	ZB5AK1433	0.017
						Red	ZB5AK1443	0.017
						Orange	ZB5AK1453	0.017
						Blue	ZB5AK1463	0.017
			3-position ± 45°	Stay put		White	ZB5AK1313	0.016
						Green	ZB5AK1333	0.016
						Red	ZB5AK1343	0.016
						Orange	ZB5AK1353	0.016
						Blue	ZB5AK1363	0.016
				Spring return to centre		White	ZB5AK1513	0.016
						Green	ZB5AK1533	0.016
						Red	ZB5AK1543	0.016
						Orange	ZB5AK1553	0.016
						Blue	ZB5AK1563	0.016
				Spring return from right to centre		White	ZB5AK1813	0.016
						Green	ZB5AK1833	0.016
						Red	ZB5AK1843	0.016
						Orange	ZB5AK1853	0.016
						Blue	ZB5AK1863	0.016
				Spring return from left to centre		White	ZB5AK1713	0.016
						Green	ZB5AK1733	0.016
						Red	ZB5AK1743	0.016
						Orange	ZB5AK1753	0.016
						Blue	ZB5AK1763	0.016

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

(2) Only for use with bodies comprising a light source with integral LED.

Assembly of other products using:  
light block sub-assemblies: see page 48  
accessories: see page 52

## Control and signaling units Ø 22




Harmony® XB5, plastic  
Pilot lights with integral LED

### Pilot lights with integral LED Screw clamp terminal connections (Schneider Electric anti-loosening system)


Shape of head	Supply voltage V	Color	Reference for monolithic units	Reference for complete units	Weight kg	
<b>Complete units (With plain lens)</b>						
 <b>Protected LED</b>	~ 24 (50/60 Hz)	White	<b>XB5EVB1</b>	<b>XB5AVB1</b> (ZB5AVB1 + ZB5AV013)	0.038	
		Green	<b>XB5EVB3</b>	<b>XB5AVB3</b> (ZB5AVB3 + ZB5AV033)	0.038	
		Red	<b>XB5EVB4</b>	<b>XB5AVB4</b> (ZB5AVB4 + ZB5AV043)	0.038	
		Orange	<b>XB5EVB5</b>	<b>XB5AVB5</b> (ZB5AVB5 + ZB5AV053)	0.038	
		Blue	<b>XB5EVB6</b>	<b>XB5AVB6</b> (ZB5AVB6 + ZB5AV063)	0.038	
		Yellow	<b>XB5EVB8</b>	–	0.038	
		~ 110...120 (50/60 Hz)	White	<b>XB5EVG1</b>	<b>XB5AVG1</b> (ZB5AVG1 + ZB5AV013)	0.038
			Green	<b>XB5EVG3</b>	<b>XB5AVG3</b> (ZB5AVG3 + ZB5AV033)	0.038
			Red	<b>XB5EVG4</b>	<b>XB5AVG4</b> (ZB5AVG4 + ZB5AV043)	0.038
			Orange	<b>XB5EVG5</b>	<b>XB5AVG5</b> (ZB5AVG5 + ZB5AV053)	0.038
Blue	<b>XB5EVG6</b>		<b>XB5AVG6</b> (ZB5AVG6 + ZB5AV063)	0.038		
Yellow	<b>XB5EVG8</b>		–	0.038		
~ 230...240 (50/60 Hz)	White		<b>XB5EVM1</b>	<b>XB5AVM1</b> (ZB5AVM1 + ZB5AV013)	0.038	
	Green		<b>XB5EVM3</b>	<b>XB5AVM3</b> (ZB5AVM3 + ZB5AV033)	0.038	
	Red	<b>XB5EVM4</b>	<b>XB5AVM4</b> (ZB5AVM4 + ZB5AV043)	0.038		
	Orange	<b>XB5EVM5</b>	<b>XB5AVM5</b> (ZB5AVM5 + ZB5AV053)	0.038		
	Blue	<b>XB5EVM6</b>	<b>XB5AVM6</b> (ZB5AVM6 + ZB5AV063)	0.038		
	Yellow	<b>XB5EVM8</b>	–	0.038		



### Heads only, circular (1)

Shape of head	For use with body comprising light source type	Color of lens	Reference	Weight kg
■ With plain lens				
 <b>Protected LED</b>	Integral LED only	White	<b>ZB5AV013</b>	0.017
		Green	<b>ZB5AV033</b>	0.017
		Red	<b>ZB5AV043</b>	0.017
		Orange	<b>ZB5AV053</b>	0.017
		Blue	<b>ZB5AV063</b>	0.017
		5 colors (2) (3)	<b>ZB5AV003</b>	0.017
■ With plain lens, for insertion of legend (3)				
 <b>Protected LED</b>	Integral LED only	White	<b>ZB5AV013E</b>	0.017
		Green	<b>ZB5AV033E</b>	0.017
		Red	<b>ZB5AV043E</b>	0.017
		Orange	<b>ZB5AV053E</b>	0.017
		Blue	<b>ZB5AV063E</b>	0.017
■ With grooved lens (4)				
 <b>Protected LED</b>	Integral LED only	White	<b>ZB5AV013S</b>	0.017
		Green	<b>ZB5AV033S</b>	0.017
		Red	<b>ZB5AV043S</b>	0.017
		Orange	<b>ZB5AV053S</b>	0.017
		Blue	<b>ZB5AV063S</b>	0.017

### Heads only, square (1)

■ With plain lens				
 <b>Protected LED</b>	Integral LED only	White	<b>ZB5CV013</b>	0.020
		Green	<b>ZB5CV033</b>	0.020
		Red	<b>ZB5CV043</b>	0.020
		Orange	<b>ZB5CV053</b>	0.020
		Blue	<b>ZB5CV063</b>	0.020
		5 colors (2)	<b>ZB5CV003</b>	0.028

(1) Only for use with bodies comprising a light source with integral LED.

(2) Head supplied with 5 different colored lenses (white, green, red, orange, blue) not fitted, for insertion of legend.

(3) For legend ordering information: see page 61.

(4) For use in bright ambient light conditions (for example, outdoors in sunlight).



Assembly of other products using:  
light block sub-assemblies: see page 48  
accessories: see page 52


## Control and signaling units Ø 22

Harmony® XB5, plastic

Pilot lights with integral LED and with BA 9s base fitting

### Pilot lights with integral LED and transformer (1.2 VA, 24 V secondary)

Screw clamp terminal connections (Schneider Electric anti-loosening system)

Shape of head	Supply voltage V	Color	Reference (1)	Weight kg
<b>Complete units - With plain lens</b>				
	~ 400 - 50 Hz (1)	White	<b>XB5AV5B1</b>	0.133
		Green	<b>XB5AV5B3</b>	0.133
		Red	<b>XB5AV5B4</b>	0.133
		Orange	<b>XB5AV5B5</b>	0.133
		Blue	<b>XB5AV5B6</b>	0.133

080703





XB5AV5B●

Protected  
LED

### Pilot lights with BA 9s base fitting, with plain or grooved lens

Screw clamp terminal connections (Schneider Electric anti-loosening system)

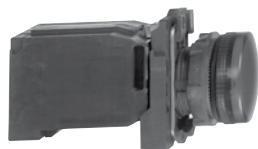
Shape of head	Supply voltage V	Color	Reference	Weight kg
<b>Complete units - With plain lens</b>				
■ Direct supply, for BA 9s bulb, U ≤ 250 V, 2.4 W max (bulb not included)				
	≤ 250	White	<b>XB5AV61</b> (ZB5AV6 + ZB5AV01)	0.037
		Green	<b>XB5AV63</b> (ZB5AV6 + ZB5AV03)	0.037
		Red	<b>XB5AV64</b> (ZB5AV6 + ZB5AV04)	0.037
		Orange	<b>XB5AV65</b> (ZB5AV6 + ZB5AV05)	0.037
■ Via integral transformer, 1.2 VA, 6 V secondary, with BA 9s incandescent bulb (included)				
	~ 110...120 - 50/60 Hz	White	<b>XB5AV31</b> (ZB5AV3 + ZB5AV01)	0.109
		Green	<b>XB5AV33</b> (ZB5AV3 + ZB5AV03)	0.109
		Red	<b>XB5AV34</b> (ZB5AV3 + ZB5AV04)	0.109
		Orange	<b>XB5AV35</b> (ZB5AV3 + ZB5AV05)	0.109
	~ 230 - 50 Hz ~ 220...240 - 60 Hz	White	<b>XB5AV41</b> (ZB5AV4 + ZB5AV01)	0.110
		Green	<b>XB5AV43</b> (ZB5AV4 + ZB5AV03)	0.110
		Red	<b>XB5AV44</b> (ZB5AV4 + ZB5AV04)	0.110
		Orange	<b>XB5AV45</b> (ZB5AV4 + ZB5AV05)	0.110

PF110403





XB5AV63

814391



XB5AV34

### Heads only (2)

Shape of head	For use with body comprising light source type	Color of lens	Reference	Weight kg
■ With plain lens				
	<b>With BA 9s base fitting</b>	White	<b>ZB5AV01</b>	0.018
		Green	<b>ZB5AV03</b>	0.018
		Red	<b>ZB5AV04</b>	0.018
		Orange	<b>ZB5AV05</b>	0.018
		Blue	<b>ZB5AV06</b>	0.018
		Clear	<b>ZB5AV07</b>	0.018
■ With grooved lens (3)				
	<b>With BA 9s base fitting</b>	White	<b>ZB5AV01S</b>	0.017
		Green	<b>ZB5AV03S</b>	0.017
		Red	<b>ZB5AV04S</b>	0.017
		Orange	<b>ZB5AV05S</b>	0.017
		Blue	<b>ZB5AV06S</b>	0.017
		Clear	<b>ZB5AV07S</b>	0.017

814528



ZB5AV01

(1) For order ~ 440...460 V - 60 Hz transformer blocks, please replace «5» in the reference by «8». Example: XB5AV5B1 becomes XB5AV8B1. To order ~ 550...600 V - 60 Hz blocks, please replace «5» by «9». Example: XB5AV5B1 becomes XB5AV9B1.

(2) Only for use with bodies comprising a light source with BA 9s base fitting (incandescent, neon or LED).

(3) For use in bright ambient light conditions (for example, outdoors in sunlight).

Assembly of other products using:  
body/contact assemblies: see page 40  
accessories: see page 52




## Control and signaling units Ø 22

Harmony® XB5, plastic

Specific functions

Pushbuttons for manual overload reset, hour counters, buzzers, fuse carrier


### Manual overload reset buttons (travel 10 mm)

Shape of head	Actuation distance mm	Marking	Color	Reference	Weight kg
<b>Without cap (1)</b>					
	17...120	–	–	<b>XB5AA801</b>	0.027
	120...257	–	–	<b>XB5AA802</b>	0.040
<b>With flush push</b>					
	17...120	Without	Green	<b>XB5AA831</b>	0.027
			Red	<b>XB5AA841</b>	0.027
			Blue	<b>XB5AA861</b>	0.027
			O	<b>XB5AA84101</b>	0.027
			R	<b>XB5AA86102</b>	0.027
	120...257	Without	Green	<b>XB5AA832</b>	0.040
			Red	<b>XB5AA842</b>	0.040
			Blue	<b>XB5AA862</b>	0.040
			O	<b>XB5AA84201</b>	0.040
			R	<b>XB5AA86202</b>	0.040
<b>With projecting push</b>					
	17...120	O	Red	<b>XB5AL84101</b>	0.027
	120...257	O	Red	<b>XB5AL84201</b>	0.040



XB5AA●●●

### Heads + mounting base for potentiometer (2)

Shape of head	Description	For use with	Reference	Weight kg
	For potentiometer with shaft length 45 to 50 mm	Ø 6 mm shaft	<b>ZB5AD912</b>	0.032
		Ø 6.35 mm shaft	<b>ZB5AD922</b>	0.032



ZB5AD●●●

### Hour counters

Characteristics	Supply voltage V	Reference	Weight kg
Indication 0...9999.9	~ 12...24 - 50/60 Hz	<b>XB5DSB</b>	0.045
	~ 120 - 60 Hz	<b>XB5DSG</b>	0.045
	~ 230...240 - 50 Hz	<b>XB5DSM</b>	0.045



XB5DS●

### Annunciators (IP 40 NEMA 1)

85 db buzzer: 4 kHz, with continuous or intermittent operation (connection diagram: on our website <a href="http://www.schneider-electric.com">www.schneider-electric.com</a> )	~ 24 - 50/60 Hz	<b>XB5KSB</b>	0.035
	~ 120 - 50/60 Hz	<b>XB5KSG</b>	0.035
	~ 230...240 - 50 Hz	<b>XB5KSM</b>	0.035



XB5KS●

### Fuse carrier

Description	For use with	Reference	Weight kg
Fuse carrier	5 x 20 mm fuse 6.3 A - 250 V	<b>XB5DT1S</b>	0.022



XB5DT1S

(1) Colored cap to be ordered separately: see page 52.  
(2) Potentiometer not included.

Assembly of other products using accessories: see page 52

## Control and signaling units Ø 22

Harmony® XB5, plastic

Specific functions

Joystick controllers



ZD5PA12



ZD5PA103



ZD5PA203



ZD5PA12

Joystick controllers (with 54 mm long operating shaft) (1)				
Screw clamp terminal connections (Schneider Electric anti-loosening system)				
Description	Operation	Spring return to zero position	Reference	Weight kg
<b>Complete products</b>				
2-direction	1 notch 1 N/O contact per direction	Without	<b>XD5PA12</b>	0.060
		With	<b>XD5PA22</b>	0.060
4-direction	1 notch 1 N/O contact per direction	Without	<b>XD5PA14</b>	0.077
		With	<b>XD5PA24</b>	0.077
<b>Sub-assemblies for joystick controllers</b>				
Description	For use with		Reference	Weight kg
Complete body/contact assemblies	2-direction		<b>ZD5PA103</b>	0.049
	4-direction		<b>ZD5PA203</b>	0.058
Complete head assemblies with operating shaft	2-direction, stay put		<b>ZD5PA12</b>	0.022
	2-direction, spring return to zero position		<b>ZD5PA22</b>	0.022
	4-direction, stay put		<b>ZD5PA14</b>	0.022
	4-direction, spring return to zero position		<b>ZD5PA24</b>	0.022
Legends 30 x 48 mm for engraving	2-direction	Black one side Red reverse	<b>ZBG2201</b>	0.001
		White one side Yellow reverse	<b>ZBG2401</b>	0.001
Legends 48 x 48 mm for engraving	4-direction	Black one side Red reverse	<b>ZBG4201</b>	0.002
		White one side Yellow reverse	<b>ZBG4401</b>	0.002
<b>Other versions</b>	Joystick controllers and complete body/contact assemblies for joystick controllers with Faston connector terminals (6.35 or 2 x 2.8). Please consult our Customer Care Centre.			

(1) Must not be used with standard contact blocks ZBE10● (single) or ZBE20● (double).

## Control and signaling units Ø 22

Harmony® XB5, plastic

Body/contact assemblies - Screw clamp terminal connections

To combine with heads, see pages 14 to 38



ZB5AZ009



ZBE101



ZBE203



ZB5AZ101



ZBE201



ZB5AZ106



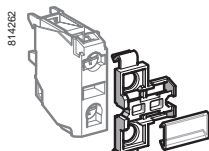
ZB5AZ107



ZBE505



ZB2BE101



ZBZ001

## Body/fixing collar

For use with	Sold in lots of	Unit reference	Weight kg
Electrical block (contact or light)	10	ZB5AZ009	0.006

## Contact functions (1)

## Screw clamp terminal connections (Schneider Electric anti-loosening system)

## Contacts for standard applications

Description	Type of contact	Symbol		Sold in lots of	Unit reference	Weight kg
		N/O	N/C			
Contact blocks	Single	1	–	5	ZBE101	0.011
		–	1	5	ZBE102	0.011
	Double	2	–	5	ZBE203	0.020
		–	2	5	ZBE204	0.020
		1	1	5	ZBE205	0.020
	Single with body/fixing collar	1	–	1	ZB5AZ101	0.021
		–	1	1	ZB5AZ102	0.021
		2	–	1	ZB5AZ103	0.030
		–	2	1	ZB5AZ104	0.030
		1	1	1	ZB5AZ105	0.030
1	2	1	ZB5AZ141	0.040		

## Contacts for specific applications

Application	Type of contact	Description	Symbol		Sold in lots of	Unit reference	Weight kg
			N/O	N/C			
Low power switching	Single	Standard	1	–	5	ZBE1016	0.012
		Dusty environment (2) (IP5X, 50 µm dust)	1	–	5	ZBE1016P	0.012
	–	1	5	ZBE1026P	0.012		
	Staggered contacts	Single	Early make N/O	1	–	5	ZBE201
Late break N/C			–	1	5	ZBE202	0.011
Single with body/fixing collar		Overlapping N/O+N/C	1	1	5	ZB5AZ106	0.030
		Staggered N/O+N/C	2	–	5	ZB5AZ107	0.030
High power switching	Single	Standard (3)	1	–	1	ZBE501	0.020
			–	1	1	ZBE502	0.020
			2	–	1	ZBE503	0.032
			–	2	1	ZBE504	0.032
			1	1	1	ZBE505	0.032
Additional contact blocks for high power switching	Single	Standard (4)	1	–	1	ZB2BE101	0.020
			–	1	1	ZB2BE102	0.020

## Clip-on legend holder, sheet of blank legends and labelling software (5)

Description	Sold in lots of	Unit reference	Weight kg
Clip-on legend-holder for electrical blocks with screw clamp terminal connections (5). For identification of an XB5A control or signaling unit	10	ZBZ001	0.001
Sheet of 50 blank legends for legend holder ZBZ001	10	ZBY001	0.023
«SIS Label» labelling software for legend design (ZBY001 legends) (for design of legends in English, French, German, Italian, Spanish)	1	XBY2U	0.100

(1) The contact blocks enable variable composition of body/contact assemblies. Maximum number of rows possible: 3. Either 3 rows of 3 single contacts or 1 row of 3 double contacts + 1 row of 3 single contacts (double contacts occupy the first 2 rows). Maximum number of contacts is specified on page 12.

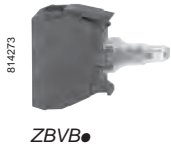
(2) It is not possible to fit an additional contact block on the back of these contact blocks.

(3) It is not possible to fit an additional contact block on the back of these contact blocks or to use these contacts with light blocks.

(4) To be fitted on the back of ZBE505 contacts.

(5) This legend holder is not compatible with high power switching contacts.

To combine with heads, see page 19



ZBVB●

Light blocks with screw clamp terminal connections (Schneider Electric anti-loosening system)					
Description	Supply voltage V	Color of light source	Sold in lots of	Unit reference	Weight kg
Integral LED (to combine with heads for integral LED)	~ 12 (50/60 Hz)	White	5	ZBVJ1	0.017
		Green	5	ZBVJ3	0.017
		Red	5	ZBVJ4	0.017
		Orange	5	ZBVJ5	0.017
		Blue	5	ZBVJ6	0.017
Protected LED	~ 24 (50/60 Hz)	White	5	ZBVB1	0.017
		Green	5	ZBVB3	0.017
		Red	5	ZBVB4	0.017
		Orange	5	ZBVB5	0.017
		Blue	5	ZBVB6	0.017
~ 24...120 (50/60 Hz)	~ 24...120 (50/60 Hz)	White	5	ZBVBG1	0.017
		Green	5	ZBVBG3	0.017
		Red	5	ZBVBG4	0.017
		Orange	5	ZBVBG5	0.017
		Blue	5	ZBVBG6	0.017
~ 110...120 (50/60 Hz)	~ 110...120 (50/60 Hz)	White	5	ZBVG1	0.017
		Green	5	ZBVG3	0.017
		Red	5	ZBVG4	0.017
		Orange	5	ZBVG5	0.017
		Blue	5	ZBVG6	0.017
~ 230...240 (50/60 Hz)	~ 230...240 (50/60 Hz)	White	5	ZBVM1	0.017
		Green	5	ZBVM3	0.017
		Red	5	ZBVM4	0.017
		Orange	5	ZBVM5	0.017
		Blue	5	ZBVM6	0.017



ZBV5B

Flashing light blocks with screw clamp terminal connections (Schneider Electric anti-loosening system)					
Description	Supply voltage V	Color of light source	Sold in lots of	Unit reference	Weight kg
Integral LED (to combine with heads for integral LED)	~ 24 (50/60 Hz)	White	5	ZBV18B1	0.017
		Green	5	ZBV18B3	0.017
		Red	5	ZBV18B4	0.017
		Orange	5	ZBV18B5	0.017
		Blue	5	ZBV18B6	0.017
~ 110...120 (50/60 Hz)	~ 110...120 (50/60 Hz)	White	5	ZBV18G1	0.017
		Green	5	ZBV18G3	0.017
		Red	5	ZBV18G4	0.017
		Orange	5	ZBV18G5	0.017
		Blue	5	ZBV18G6	0.017
~ 230...240 (50/60 Hz)	~ 230...240 (50/60 Hz)	White	5	ZBV18M1	0.017
		Green	5	ZBV18M3	0.017
		Red	5	ZBV18M4	0.017
		Orange	5	ZBV18M5	0.017
		Blue	5	ZBV18M6	0.017



ZBZG156

Transformer blocks for 24 V light blocks (1)				
For use with	Supply voltage V	Description	Référence	Weight kg
Light blocks with integral LED	~ 400 V - 50 Hz	Transformers 400 V - 24 V ~	ZBV5B (2)	0.090

Blocks for "test light" function				
Light blocks	Supply voltage V	Description	Reference	Weight kg
Light blocks with integral LED	~ 12 and 24 ~ 24...120	Single module, 1 connecting wire	ZBZG156 (3)	0.010
Light blocks with integral LED	~ 48...230	Double module, with connecting wires	ZBZM156 (4)	0.010



ZBZM156

LED suppressors				
For use with	Supply voltage V	Level of protection	Reference	Weight kg
Light blocks with integral LED fitted with screw clamp terminal connections	~ 120	25...120 VA	ZBZVG	0.010
	~ 230	30...230 VA	ZBZVM	0.010



ZBZV●

(1) To be used with 2 dummy contact blocks ZBE000.

(2) To order ~ 440...460 V - 60 Hz transformer blocks, please replace «5» in the reference by «8»: ZBV5B becomes ZBV8B. To order ~ 550...600 V - 60 Hz transformer blocks, please replace «5» by «9»: ZBV5B becomes ZBV9B.

(3) Block for use with ~ light blocks with integral LED types ZBVJ●, ZBVB●, ZBVBG● or with direct supply light block for BA 9s bulb, ZBV6.

(4) Block for use ~ light blocks integral LED types ZBVG●, ZBVM●, see connection on our website www.schneider-electric.com.



To combine with heads, see pages 14 to 38

814588



ZB5AZ009

Body/fixing collar				
For use with	Sold in lots of	Unit reference	Weight kg	
Electrical block (contact or light)	10	ZB5AZ009	0.006	

PF107777



ZBE1015

Contact functions						
Spring clamp terminal connections (1)						
Contacts for standard applications						
Description	Type of contact			Sold in lots of	Unit reference	Weight kg
Contact blocks	Single	1	–	4	ZBE1015	0.011
		–	1	4	ZBE1025	0.011
	Single with body/fixing collar	1	–	1	ZB5AZ1015	0.021
		–	1	1	ZB5AZ1025	0.021
		2	–	1	ZB5AZ1035	0.030
		–	2	1	ZB5AZ1045	0.030
		1	1	1	ZB5AZ1055	0.030

PF107781



ZB5AZ1015

Light blocks					
Spring clamp terminal connections (1)					
Description	Supply voltage V	Color of light source	Sold in lots of	Unit reference	Weight kg
Integral LED (to combine with heads for integral LED)	≈ 12 (50/60 Hz)	White	4	ZBVJ15	0.016
		Green	4	ZBVJ35	0.016
		Red	4	ZBVJ45	0.016
		Orange	4	ZBVJ55	0.016
		Blue	4	ZBVJ65	0.016
	≈ 24 (50/60 Hz)	White	4	ZBVB15	0.016
		Green	4	ZBVB35	0.016
		Red	4	ZBVB45	0.016
		Orange	4	ZBVB55	0.016
		Blue	4	ZBVB65	0.016
	~ 110...120 (50/60 Hz)	White	4	ZBVG15	0.016
		Green	4	ZBVG35	0.016
		Red	4	ZBVG45	0.016
		Orange	4	ZBVG55	0.016
		Blue	4	ZBVG65	0.016
	~ 230...240 (50/60 Hz)	White	4	ZBVM15	0.016
		Green	4	ZBVM35	0.016
		Red	4	ZBVM45	0.016
		Orange	4	ZBVM55	0.016
		Blue	4	ZBVM65	0.016

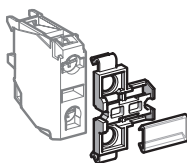
**protected LED**

PF107785E



ZBVB65

814282



ZBZ001

Sheet of 50 blank legends				
For use with	Sold in lots of	Unit reference	Weight kg	
Legend holder ZBZ001	10	ZBY001	0.023	

540548



XBY2U

"SIS Label" labelling software (for legends ZBY001)				
For legend design for English, French, German, Italian, Spanish	1	XBY2U	0.038	

(1) It is not possible to fit an additional block on the back of these contact or light blocks.

To combine with heads, see pages 14 to 38



ZB5AZ009



ZB5AZ079 + ZB5AZ009



ZBZ01



ZBE701



ZBE702



ZBVB07

### Body/fixing collar and accessories specifically for printed circuit board mounting (1) Accessories required when using adaptor (socket) ZBZ010



Description	For use with	Sold in lots of	Unit reference	Weight kg
Body/fixing collar	Electrical block (contact or light)	10	ZB5AZ009	0.006
Fixing collar/pillar	Printed circuit board support (fixing screw ZBZ006 to be ordered separately)	10	ZB5AZ079	0.003
Fixing screw for printed circuit board	Fixing collar/pillar ZB5AZ079	10	ZBZ006	0.011

### Adapter (socket) (1)



For use with	Thickness of printed circuit board (mm)	Sold in lots of	Unit reference	Weight kg
Electrical block (contact or light)	1.6 ± 0.2	10	ZBZ010	0.008
	2.2 ± 0.2	10	ZBZ011	0.008
	3.2 ± 0.2	10	ZBZ012	0.008

### Contact functions (1)

#### Contacts for standard applications

Description	Type of contact			Sold in lots of	Unit reference	Weight kg
Contact blocks	Single	1	–	5	ZBE701	0.011
		–	1	5	ZBE702	0.011

#### Contacts for specific applications

Application	Type of contact			Sold in lots of	Unit reference	Weight kg
Low power switching	Single	1	–	5	ZBE7016	0.012
		–	1	5	ZBE7026	0.012

### Light blocks (1)

Description	Supply voltage V	Color of LED	Sold in lots of	Unit reference	Weight kg
Integral LED (to combine with heads for integral LED)	≈ 24 (50/60 Hz)	White	5	ZBVB17	0.004
		Green	5	ZBVB37	0.004
		Red	5	ZBVB47	0.004
		Orange	5	ZBVB57	0.004
		Blue	5	ZBVB67	0.004




(1) For details of support drilling and of printed circuit board: see our website [www.schneider-electric.com](http://www.schneider-electric.com).

To combine with heads, see pages 14 to 38

**Contact functions (1)**  
Faston connectors (6.35 or 2 x 2.8 mm)

**Contacts for standard applications**

Description	Type of contact	Symbol		Sold in lots of	Unit reference	Weight kg
		N/O	N/C			
 ZBE1023	Single	1	–	5	ZBE1013	0.011
		–	1	5	ZBE1023	0.011
	Double	2	–	5	ZBE2033	0.020
		–	2	5	ZBE2043	0.020
		1	1	5	ZBE2053	0.020
	Single with body/fixing collar	1	–	1	ZB5AZ1013 (2)	0.021
		–	1	1	ZB5AZ1023 (2)	0.021
		2	–	1	ZB5AZ1033	0.030
		–	2	1	ZB5AZ1043	0.030
1		1	1	ZB5AZ1053	0.030	

**Contacts for specific applications**

Application	Type of contact	Description	Symbol		Sold in lots of	Unit reference	Weight kg
			N/O	N/C			
Low power switching	Single	Standard	1	–	5	ZBE10163 (2)	0.012
			–	1	5	ZBE10263 (2)	0.012
		Dusty environments (3) (IP5X, 50 µm dust)	1	–	5	ZBE1016P3 (2)	0.012
			–	1	5	ZBE1026P3 (2)	0.012
Staggered contacts	Single	Early make	1	–	5	ZBE2013 (2)	0.011
			–	1	5	ZBE2023 (2)	0.011
		Late break	–	1	5	ZBE2023 (2)	0.011
			–	–	–	–	–
High power switching	Single	Standard (4)	1	–	1	ZBE5013	0,021
			–	1	1	ZBE5023	0,021
			2	–	1	ZBE5033	0,033
			–	2	1	ZBE5043	0,033
			1	1	1	ZBE5053	0,033

**Clip-on legend holder for electrical blocks with screw clamp terminal connections (5)**

For use with	Sold in lots of	Unit reference	Weight kg
Identification of an XB5A control or signaling unit	10	ZBZ001	0.001

**Sheet of 50 blank legends**

Legend holder ZBZ001	10	ZBY001	0.023
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**“SIS Label” labelling software (for legends ZBY001)**

For legend design for English, French, German, Italian, Spanish	1	XBY2U	0.100
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- (1) The contact blocks enable variable composition of body/contact assemblies. Maximum number of rows possible: 3.  
Either 3 rows of 3 single contacts or 1 row of 3 double contacts + 1 row of 3 single contacts (double contacts occupy the first 2 rows).
- (2) To order products with screw clamp terminal connections for lugs, replace the 3 at the end of the reference with a 9.  
Example: ZBE1013 becomes ZBE1019.
- (3) It is not possible to fit an additional contact block on the back of these contact blocks.
- (4) It is not possible to use these contacts with light blocks.
- (5) This legend holder is not compatible with high power switching contacts.

PF080708

ZBE1023

PF080709

ZBE2043

PF080710

ZBE5043

814262

ZBZ001

540548

XBY2U

To combine with heads, see pages 14 to 38



814588

ZB5AZ009



814278

ZBE1014



814279

ZBE1024



814408

ZB5AZ1014



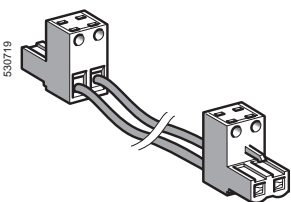
814410

ZB5AZ1024



814280

ZBVB•4



530719

APE1C2250

#### Body/fixing collar

For use with	Sold in lots of	Unit reference	Weight kg
Electrical block (contact or light)	10	ZB5AZ009	0.006

#### Contact functions

##### Plug-in connector (1)

##### Contacts for standard applications

Description	Type of contact	Symbol		Sold in lots of	Unit reference	Weight kg
		N/O	N/C			
Contact blocks	Single	1	–	5	ZBE1014	0.011
		–	1	5	ZBE1024	0.011
Contact blocks	Single with body/fixing collar	1	–	1	ZB5AZ1014	0.018
		–	1	1	ZB5AZ1024	0.018
		2	–	1	ZB5AZ1034	0.026
		–	2	1	ZB5AZ1044	0.026
		1	1	1	ZB5AZ1054	0.026
		1	2	1	ZB5AZ1414	0.036

#### Light blocks

##### Plug-in connector

Description	Supply voltage (V)	Color of light source	Sold in lots of	Unit reference	Weight kg
Integral LED (to combine with heads for integral LED)	≈ 24 (50/60 Hz)	White	5	ZBVB14	0.016
		Green	5	ZBVB34	0.016
		Red	5	ZBVB44	0.016
		Orange	5	ZBVB54	0.016
		Blue	5	ZBVB64	0.016
		Integral LED (to combine with heads for integral LED)	~ 110...120 (50/60 Hz)	White	5
Green	5			ZBVG34	0.016
Red	5			ZBVG44	0.016
Orange	5			ZBVG54	0.016
Blue	5			ZBVG64	0.016
Integral LED (to combine with heads for integral LED)	~ 230...240 (50/60 Hz)			White	5
		Green	5	ZBVM34	0.016
		Red	5	ZBVM44	0.016
		Orange	5	ZBVM54	0.016
		Blue	5	ZBVM64	0.016



#### Connecting cables and connector

Description	Number of connectors	Wire c.s.a. mm <sup>2</sup>	Length mm	Sold in lots of	Unit reference	Weight kg
Cables with connectors 2-pin, 5.08 mm pitch	1	0.75	500	8	APE1C2150	0.120
	2	0.75	500	8	APE1C2250	0.180
Spring terminal connector 2-pin, 5.08 mm pitch	–	0.2 to 2.5	–	10	APE1PRE21	0.003



(1) It is not possible to fit an additional contact block on the back of these contact blocks.

# Control and signaling units Ø 22

Harmony® XB5, plastic

Body/contact assemblies + light blocks with integral LED

To combine with:  
heads, see pages 19 to 35  
contacts, see page 40

Complete body/contact assemblies and light blocks <sup>(1)</sup>						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Light source	Supply voltage V	Type of contact		Color of light source	Reference	Weight kg
						
		N/O	N/C			

**Direct supply**

Integral LED <b>Protected LED</b>	≈ 24 (50/60 Hz)	1	-	White	ZB5AW0B11	0.032
				Green	ZB5AW0B31	0.032
				Red	ZB5AW0B41	0.032
				Orange	ZB5AW0B51	0.032
				Blue	ZB5AW0B61	0.032
		-	1	White	ZB5AW0B12	0.032
				Green	ZB5AW0B32	0.032
				Red	ZB5AW0B42	0.032
				Orange	ZB5AW0B52	0.032
				Blue	ZB5AW0B62	0.032
		2	-	White	ZB5AW0B13	0.042
				Green	ZB5AW0B33	0.042
				Red	ZB5AW0B43	0.042
				Orange	ZB5AW0B53	0.042
				Blue	ZB5AW0B63	0.042
		1	1	White	ZB5AW0B15	0.042
				Green	ZB5AW0B35	0.042
				Red	ZB5AW0B45	0.042
				Orange	ZB5AW0B55	0.042
				Blue	ZB5AW0B65	0.042
	~ 110...120 (50/60 Hz)	1	-	White	ZB5AW0G11	0.032
				Green	ZB5AW0G31	0.032
				Red	ZB5AW0G41	0.032
				Orange	ZB5AW0G51	0.032
				Blue	ZB5AW0G61	0.032
		-	1	White	ZB5AW0G12	0.032
				Green	ZB5AW0G32	0.032
				Red	ZB5AW0G42	0.032
				Orange	ZB5AW0G52	0.032
				Blue	ZB5AW0G62	0.032
		2	-	White	ZB5AW0G13	0.042
				Green	ZB5AW0G33	0.042
				Red	ZB5AW0G43	0.042
				Orange	ZB5AW0G53	0.042
				Blue	ZB5AW0G63	0.042
		1	1	White	ZB5AW0G15	0.042
				Green	ZB5AW0G35	0.042
				Red	ZB5AW0G45	0.042
				Orange	ZB5AW0G55	0.042
				Blue	ZB5AW0G65	0.042



ZB5AW0...1



ZB5AW0...3

**Other versions** Complete bodies with Faston connector terminals (6.35 or 2 x 2.8). Please consult our Customer Care Centre.

(1) Can be fitted with additional contact blocks: see page 40.

To combine with:  
heads, see pages 19 to 35  
contacts, see page 40

Complete body/contact assemblies and light blocks (1) (continued)						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Light source	Supply voltage V	Type of contact		Color of light source	Reference	Weight kg
		N/O	N/C			
<b>Direct supply (continued)</b>						
Integral LED <b>Protected LED</b>	~ 230...240 (50/60 Hz)	1	-	White	ZB5AW0M11	0.032
				Green	ZB5AW0M31	0.032
				Red	ZB5AW0M41	0.032
				Orange	ZB5AW0M51	0.032
				Blue	ZB5AW0M61	0.032
		-	1	White	ZB5AW0M12	0.032
				Green	ZB5AW0M32	0.032
				Red	ZB5AW0M42	0.032
				Orange	ZB5AW0M52	0.032
				Blue	ZB5AW0M62	0.032
		2	-	White	ZB5AW0M13	0.042
				Green	ZB5AW0M33	0.042
				Red	ZB5AW0M43	0.042
				Orange	ZB5AW0M53	0.042
				Blue	ZB5AW0M63	0.042
1	1	White	ZB5AW0M15	0.042		
		Green	ZB5AW0M35	0.042		
		Red	ZB5AW0M45	0.042		
		Orange	ZB5AW0M55	0.042		
		Blue	ZB5AW0M65	0.042		



**Other versions** Complete bodies with Faston connector terminals (6.35 or 2 x 2.8). Please consult our Customer Care Centre.

(1) Can be fitted with additional contact blocks: see page 40.

# Control and signaling units Ø 22

## Harmony® XB5, plastic

### Body/light assemblies for pilot lights with integral LED

To combine with:  
heads, see page 36  
contacts, see page 40

PF110413



ZB5AV●●

Complete light bodies (fixing collar + light block with integral LED)				
Screw clamp terminal connections (Schneider Electric anti-loosening system)				
Light source	Supply voltage V	Color of light source	Reference	Weight kg
Integral LED <b>Protected LED</b>	≈ 12 (50/60 Hz)	White	ZB5AVJ1	0.022
		Green	ZB5AVJ3	0.022
		Red	ZB5AVJ4	0.022
		Orange	ZB5AVJ5	0.022
		Blue	ZB5AVJ6	0.022
		White	ZB5AVB1	0.022
	≈ 24 (1) (50/60 Hz)	Green	ZB5AVB3	0.022
		Red	ZB5AVB4	0.022
		Orange	ZB5AVB5	0.022
		Blue	ZB5AVB6	0.022
		≈ 24...120 (50/60 Hz)	White	ZB5AVBG1
	Green		ZB5AVBG3	0.022
	Red		ZB5AVBG4	0.022
	Orange		ZB5AVBG5	0.022
	Blue		ZB5AVBG6	0.022
	~ 110...120 (1) (50/60 Hz)	White	ZB5AVG1	0.022
		Green	ZB5AVG3	0.022
		Red	ZB5AVG4	0.022
Orange		ZB5AVG5	0.022	
Blue		ZB5AVG6	0.022	
~ 230...240 (1) (50/60 Hz)	White	ZB5AVM1	0.022	
	Green	ZB5AVM3	0.022	
	Red	ZB5AVM4	0.022	
	Orange	ZB5AVM5	0.022	
	Blue	ZB5AVM6	0.022	

(1) Complete bodies with Faston connector terminals (6.35 or 2 x 2.8), see page 44.

To combine with:  
heads, see page 36  
contacts, see page 40



ZB5AVB●156

### Complete light bodies with 3-terminal "test" function

(fixing collar + light block with integral LED + pre-wired block for "test light" function)

Screw clamp terminal connections (Schneider Electric anti-loosening system)

Light source	Supply voltage V	Color of light source	Reference	Weight kg
Integral LED <b>Protected LED</b>	~ 24 (1) (50/60 Hz)	White	ZB5AVB1156	0.022
		Green	ZB5AVB3156	0.022
		Red	ZB5AVB4156	0.022
		Orange	ZB5AVB5156	0.022
		Blue	ZB5AVB6156	0.022

### Complete bodies with flashing pilot light (fixing collar + light block with integral LED)

Screw clamp terminal connections (Schneider Electric anti-loosening system)

Light source	Supply voltage V	Color of light source	Reference	Weight kg
Integral LED <b>Protected LED</b>	~ 24 (50/60 Hz)	White	ZB5AV18B1	0.022
		Green	ZB5AV18B3	0.022
		Red	ZB5AV18B4	0.022
		Orange	ZB5AV18B5	0.022
		Blue	ZB5AV18B6	0.022
		~ 110...120 (50/60 Hz)	White	ZB5AV18G1
	Green	ZB5AV18G3	0.022	
	Red	ZB5AV18G4	0.022	
	Orange	ZB5AV18G5	0.022	
	Blue	ZB5AV18G6	0.022	
	~ 230...240 (50/60 Hz)	White	ZB5AV18M1	0.022
		Green	ZB5AV18M3	0.022
		Red	ZB5AV18M4	0.022
		Orange	ZB5AV18M5	0.022
		Blue	ZB5AV18M6	0.022

(1) For a ~ 120 or 230 V supply, use complete body ZB5AVG● or ZB5AVM● with block for "test light" function type ZBZM156, see pages 41 and 48.





## Control and signaling units Ø 22

Harmony® XB5, plastic

Body/contact assemblies + light blocks with  
BA 9s base fittingTo combine with:  
heads, see page 21  
contacts, see page 40Complete body/contact assemblies and light blocks <sup>(1)</sup>

For bulb with BA 9s base fitting (incandescent, neon or LED)

Screw clamp terminal connections (Schneider Electric anti-loosening system)

Light source	Supply voltage V	Type of contact		Color of light source	Reference	Weight kg	
		 N/O	 N/C				
<b>Direct supply</b>							
BA 9s base fitting bulb, 2.4 W max., not included <sup>(2)</sup>	≤ 250	1	–	–	ZB5AW061	0.031	
		–	1	–	ZB5AW062	0.031	
		2	–	–	ZB5AW063	0.041	
		1	1	–	ZB5AW065	0.041	
<b>Supply via integral transformer (1.2 VA, 6 V secondary)</b>							
Incandescent BA 9s base fitting bulb, included	~ 110...120 50/60 Hz	1	–	–	ZB5AW031	0.110	
		1	1	–	ZB5AW035	0.119	
	~ 230 50 Hz	1	–	–	ZB5AW041	0.110	
		1	1	–	ZB5AW045	0.119	
	~ 220...240 60 Hz	1	–	–	ZB5AW051	0.110	
		1	1	–	ZB5AW055	0.119	
	BA9s base fitting LED, included	~ 110...120 50/60 Hz	1	1	White	ZB5AW03D15	0.119
					Green	ZB5AW03D35	0.119
					Red	ZB5AW03D45	0.119
					Orange	ZB5AW03D55	0.119
Blue					ZB5AW03D65	0.119	
~ 230 50 Hz					1	1	White
		Green	ZB5AW04D35	0.119			
		Red	ZB5AW04D45	0.119			
		Orange	ZB5AW04D55	0.119			
		Blue	ZB5AW04D65	0.119			
		~ 220...240 60 Hz	1	1			White
Green					ZB5AW05D35	0.120	
Red					ZB5AW05D45	0.120	
Orange					ZB5AW05D55	0.120	
Blue					ZB5AW05D65	0.120	

## Other versions

Complete bodies with integral transformer incorporating Faston connector terminals (6.35 or 2 x 2.8). Please consult our Customer Care Centre.

<sup>(1)</sup> Can be fitted with additional contact blocks: see page 40.<sup>(2)</sup> Bulb to be ordered separately: see page 64.

To combine with:  
heads, see page 37  
contacts, see page 40

Light blocks				
Screw clamp terminal connections (Schneider Electric anti-loosening system)				
Description	Supply voltage V	Sold in lots of	Unit reference	Weight kg
Direct supply for BA 9s base fitting bulb, 2.4 W max., not included (1)	≤ 250	5	ZBV6	0.016

**Complete light bodies** (fixing collar + light block)  
For bulb with BA 9s base fitting (incandescent, neon or LED)  
Screw clamp terminal connections (Schneider Electric anti-loosening system)

Light source	Supply voltage V	Color of light source	Reference	Weight kg
<b>Direct supply</b>				
BA 9s base fitting bulb, 2.4 W max, not included (1)	≤ 250	–	ZB5AV6	0.022
<b>Supply via integral transformer (1.2 VA, 6 V secondary)</b>				
BA 9s base fitting incandescent bulb, included	~ 110...120 -50/60 Hz	–	ZB5AV3	0.099
	~ 230 - 50 Hz	–	ZB5AV4	0.099
	~ 220...240 - 60 Hz	–	ZB5AV5	0.099
	~ 400 - 50 Hz	–	ZB5AV8	0.099
	~ 440...480 - 60 Hz	–	ZB5AV8	0.099
	~ 550...600 - 60 Hz	–	ZB5AV9	0.099



ZB5AV6



ZB5AV3

BA 9s base fitting LED, included	~ 110...120 - 50/60 Hz	White	ZB5AV3D1	0.102
		Green	ZB5AV3D3	0.102
		Red	ZB5AV3D4	0.102
		Orange	ZB5AV3D5	0.102
		Blue	ZB5AV3D6	0.102
	~ 230 - 50 Hz ~ 220...240 - 60 Hz	White	ZB5AV4D1	0.102
		Green	ZB5AV4D3	0.102
		Red	ZB5AV4D4	0.102
		Orange	ZB5AV4D5	0.102
		Blue	ZB5AV4D6	0.102
	~ 400 - 50/60 Hz	White	ZB5AV5D1	0.102
		Green	ZB5AV5D3	0.102
		Red	ZB5AV5D4	0.102
		Orange	ZB5AV5D5	0.102
		Blue	ZB5AV5D6	0.102

**Complete light bodies with 3-terminal “test” function** (fixing collar + light block)  
For bulb with BA 9s base fitting (incandescent, neon or LED)  
Screw clamp terminal connections (Schneider Electric anti-loosening system)

Light source	Supply voltage V	Reference	Weight kg
<b>Direct supply</b>			
BA 9s base fitting bulb, 2.4 W max, not included (1)	≤ 250	ZB5AV156	0.021
<b>Other versions</b> Complete bodies with Faston connector terminals (6.35 or 2 x 2.8), see page 44.			



ZB5AV156

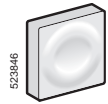
(1) Bulb to be ordered separately, see page 64.



ZBA●



ZBL●



ZBC1

## Pushbutton caps - unmarked

For use with	Type of push	Color	Sold in lots of	Unit reference	Weight kg
<b>Plastic pushbuttons</b>					
ZBABA0 and ZB5AA0 circular pushbutton heads supplied without cap	Flush	White	10	ZBA1	0.001
		Black	10	ZBA2	0.001
		Green	10	ZBA3	0.001
		Red	10	ZBA4	0.001
		Yellow	10	ZBA5	0.001
		Blue	10	ZBA6	0.001
		6 colors (1)	1	ZBA9	0.006
	Projecting	White	10	ZBL1	0.001
		Black	10	ZBL2	0.001
		Green	10	ZBL3	0.001
		Red	10	ZBL4	0.001
		Yellow	10	ZBL5	0.001
		Blue	10	ZBL6	0.001
		6 colors (1)	1	ZBL9	0.006
ZB5CA0 square pushbutton heads supplied without cap	Flush	White	10	ZBC1	0.001
		Black	10	ZBC2	0.001
		Green	10	ZBC3	0.001
		Red	10	ZBC4	0.001
		Yellow	10	ZBC5	0.001
		Blue	10	ZBC6	0.001

(1) Set of 6 different colored caps: white, black, green, red, yellow, blue.

## Control and signaling units Ø 22

Harmony® XB5, plastic

Accessories for heads: marked pushbutton caps



ZBA ● 33

Pushbutton caps - marked						
For use with	Type of push	Marking Text	Color of cap		Unit reference	Weight kg
			Color			
<b>Plastic pushbuttons</b>						
ZBABA0 and ZB5AA0 circular pushbutton heads supplied without cap (sold in lots of 10)	Flush	I (1)	White	Green	ZBA331	0.001
			Black	White	ZBA131	0.001
		II	White	Green	ZBA336	0.001
			Black	White	ZBA136	0.001
		III	White	Green	ZBA337	0.001
			Black	White	ZBA137	0.001
		IV	White	Green	ZBA338	0.001
			Black	White	ZBL138	0.001
		START (1)	White	Green	ZBA333	0.001
			Black	White	ZBA133	0.001
		ON	White	Green	ZBA341	0.001
			Black	White	ZBA141	0.001
		MARCHE	White	Green	ZBA342	0.001
			Black	White	ZBA142	0.001
		UP (1)	Black	White	ZBA343	0.001
		DOWN (1)	White	Black	ZBA344	0.001
		Ⓢ (1)	White	Black	ZBA245	0.001
			Black	White	ZBA145	0.001
		↑ (2)	White	Black	ZBA335	0.001
			Black	White	ZBA334	0.001
		O (1)	White	Red	ZBA432	0.001
			Black		ZBA232	0.001
		ARRET	White	Red	ZBA433	0.001
			Black		ZBA233	0.001
		STOP (1)	White	Red	ZBA434	0.001
			Black		ZBA234	0.001
		OFF	White	Red	ZBA435	0.001
			Black		ZBA235	0.001
		⚠	White	Green	ZBA346	0.001
		R (1)	White	Blue	ZBA639	0.001
		+	White	Black	ZBA2934	0.001
		-	White	Black	ZBA2935	0.001

(1) Double injection moulded marking.

(2) Can be clipped-in at 90° steps, through 360°

814334



ZBP0

**Transparent boots for pushbuttons (1)**

Description	For use with plastic pushbuttons	Sold in lots of	Unit reference	Weight kg
Single boots (2)	Flush with circular head	10	ZBPA	0.002
	Projecting with circular head and push-push version	10	ZBP0	0.002
	Flush or projecting with circular head for food industry applications	10	ZBP0A	0.002

**Colored boots**

Description	Color	For use with	Sold in lots of	Unit reference	Weight kg
Colored boots (can be replaced without dismantling the head)	White	ZB5AP1S	10	ZBP011	0.003
	Black	ZB5AP2S	10	ZBP012	0.003
	Green	ZB5AP3S	10	ZBP013	0.003
	Red	ZB5AP4S	10	ZBP014	0.003
	Yellow	ZB5AP5S	10	ZBP015	0.003
	Blue	ZB5AP6S	10	ZBP016	0.003
Clear membrane	Transparent	ZB5AP●83	10	ZBP017	0.003

(1) Boots for multiple-headed pushbuttons: see page 23.

(2) Permissible panel thickness 1 to 5 mm, cannot be used with legend holders.

DF540779



ZBV01•3

Lens caps				
For use with	Color	Sold in lots of	Unit reference	Weight kg
<b>Circular lens caps for light sources with integral LED</b>				
Pilot lights	White	10	ZBV0113	0.002
	Green	10	ZBV0133	0.002
	Red	10	ZBV0143	0.002
	Orange	10	ZBV0153	0.002
	Blue	10	ZBV0163	0.002
	5 different colored grooved lenses (1)	10	ZBV0103S	0.010
Illuminated pushbuttons, with flush push	White	10	ZBW9113	0.002
	Green	10	ZBW9133	0.002
	Red	10	ZBW9143	0.002
	Orange	10	ZBW9153	0.002
	Blue	10	ZBW9163	0.002
Illuminated pushbuttons, with projecting push	White	10	ZBW9313	0.002
	Green	10	ZBW9333	0.002
	Red	10	ZBW9343	0.002
	Orange	10	ZBW9353	0.002
	Blue	10	ZBW9363	0.002
<b>Square lens caps for plastic pushbuttons</b>				
Pilot lights	White	10	ZBCV0113	0.002
	Green	10	ZBCV0133	0.002
	Red	10	ZBCV0143	0.002
	Orange	10	ZBCV0153	0.002
	Blue	10	ZBCV0163	0.002
Illuminated pushbuttons, with flush push	White	10	ZBCW9113	0.002
	Green	10	ZBCW9133	0.002
	Red	10	ZBCW9143	0.002
	Orange	10	ZBCW9153	0.002
	Blue	10	ZBCW9163	0.002
Illuminated pushbuttons, with projecting push	White	10	ZBCW9313	0.002
	Green	10	ZBCW9333	0.002
	Red	10	ZBCW9343	0.002
	Orange	10	ZBCW9353	0.002
	Blue	10	ZBCW9363	0.002
<b>Circular lens caps for light sources with BA 9s fitting</b>				
Pilot lights	White	10	ZBV011	0.002
	Green	10	ZBV013	0.002
	Red	10	ZBV014	0.002
	Orange	10	ZBV015	0.002
	Blue	10	ZBV016	0.002
	Clear	10	ZBV017	0.002
Illuminated pushbuttons, with flush push	White	10	ZBW911	0.002
	Green	10	ZBW913	0.002
	Red	10	ZBW914	0.002
	Orange	10	ZBW915	0.002
	Blue	10	ZBW916	0.002
	Clear	10	ZBW917	0.002
Illuminated pushbuttons, with projecting push	White	10	ZBW931	0.002
	Green	10	ZBW933	0.002
	Red	10	ZBW934	0.002
	Orange	10	ZBW935	0.002
	Blue	10	ZBW936	0.002
	Clear	10	ZBW937	0.002

(1) Clear, green, red, orange, blue.

DF540780

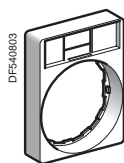


ZBV01•

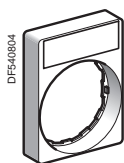
# Control and signaling units Ø 22

## Harmony® XB5, plastic

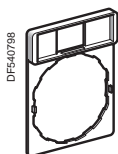
8 x 27 mm legends with 30 x 40 mm legend holders



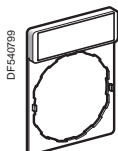
ZBZ34



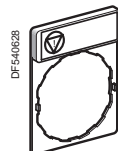
ZBY4H101



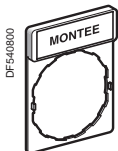
ZBZ32



ZBY101



ZBY4140



ZBY2107

### 30 x 40 mm legend holders (flush mounting with bezel) for 8 x 27 mm legends (1)

Description	Legend		Sold in lots of	Unit reference	Weight kg
	Color	Marking			
Without legend	–	–	10	ZBZ34	0.003
With blank legend	Black or red background	–	10	ZBY2H101	0.004
	White or yellow background	–	10	ZBY4H101	0.004

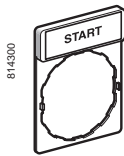
### Standard (30 x 40 mm) legend holders for 8 x 27 mm legends (1)

Description	Legend		Sold in lots of	Unit reference	Weight kg		
	Color	Marking					
Without legend	–	–	10	ZBZ32	0.001		
With blank legend (for engraving)	Black or red background	–	10	ZBY2101	0.002		
	White or yellow background	–	10	ZBY4101	0.002		
With 8 x 27 mm legend (with International marking)	Black or red background (2)	O (black background)	10	ZBY2146	0.002		
		O (red background)	10	ZBY2931	0.002		
		I	10	ZBY2147	0.002		
		II	10	ZBY2148	0.002		
		O-I	10	ZBY2178	0.002		
		I-II	10	ZBY2179	0.002		
		I-O-II	10	ZBY2186	0.002		
		AUTO	10	ZBY2115	0.002		
		STOP	10	ZBY2304	0.002		
		Yellow background		10	ZBY4140 (3)	0.002	
		With 8 x 27 mm legend (with French language marking)	Black or red background (2)	ARRET (red backgr.)	10	ZBY2104	0.002
				ARRET (black backgr.)	10	ZBY0104	0.002
				ARRET GENERAL	10	ZBY2129	0.002
				ARRET REARMEMENT	10	ZBY2133	0.002
ARRET-MARCHE	10			ZBY2166	0.002		
ARRIERE	10			ZBY2106	0.002		
AUTO CYCLE-CYCLE	10			ZBY2198	0.002		
AUTO CYCLE-MAIN	10			ZBY2199	0.002		
AUTO-MAIN	10			ZBY2164	0.002		
AUTO-O-MAIN	10			ZBY2185	0.002		
AVANT	10			ZBY2105	0.002		
AVANT-O-ARRIERE	10			ZBY2184	0.002		
C-P-C-NORMAL	10			ZBY2165	0.002		
CYCLE-MAIN	10			ZBY2197	0.002		
DECLENCHEMENT	10			ZBY2132	0.002		
DEFAUT (black backgr.)	10			ZBY2134	0.002		
DEFAUT (red backgr.)	10			ZBY2135	0.002		
DEPART CYCLE	10			ZBY2195	0.002		
DESCENTE	10			ZBY2108	0.002		
DROITE	10			ZBY2109	0.002		
ENCLENCHEMENT	10			ZBY2131	0.002		
EN SERVICE	10			ZBY2111	0.002		
FERMETURE	10			ZBY2114	0.002		
GAUCHE	10			ZBY2110	0.002		
HORS SERVICE	10			ZBY2112	0.002		
HORS-EN	10			ZBY2167	0.002		
LENT	10			ZBY2127	0.002		
MAIN	10			ZBY2116	0.002		
MARCHE	10			ZBY2103	0.002		
MONTEE	10			ZBY2107	0.002		
OUVERTURE	10			ZBY2113	0.002		
PHASE/PHASE	10			ZBY2196	0.002		
REARMEMENT (red background)	10			ZBY2123	0.002		
REARMEMENT (black background)	10			ZBY0123	0.002		
SOUS TENSION	10	ZBY2126	0.002				
VITE	10	ZBY2128	0.002				
Red background	ARRET D'URGENCE	10	ZBY2130 (3)	0.002			

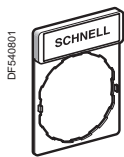
(1) For legends, see pages 58 to 60.

(2) "Start" functions: white letters on black background. "Stop" functions: white letters on red background (unless otherwise specified above).

(3) For complying with EN/ISO 13850 standard, paragraph 4.4.6., Emergency Stop function logo has been added.



ZBY2303



ZBY2228

Standard (30 x 40 mm) legend holders with 8 x 27 mm legends (continued)							
Description	Legend		Sold in lots of	Reference	Weight kg		
	Color	Marking					
With legend (with English language marking)	Black or red background (1)	AUTO-HAND	10	ZBY2364	0.002		
		AUTO-O-HAND	10	ZBY2385	0.002		
		CLOSE	10	ZBY2314	0.002		
		DOWN	10	ZBY2308	0.002		
		FAST	10	ZBY2328	0.002		
		FORWARD	10	ZBY2305	0.002		
		HAND	10	ZBY2316	0.002		
		HAND-OFF-AUTO	10	ZBY2387	0.002		
		INCH	10	ZBY2321	0.002		
		LEFT	10	ZBY2310	0.002		
		OFF	10	ZBY2312	0.002		
		OFF-ON	10	ZBY2367	0.002		
		ON	10	ZBY2311	0.002		
		OPEN	10	ZBY2313	0.002		
		POWER ON	10	ZBY2326	0.002		
		RESET (red background)	10	ZBY2323	0.002		
		RESET (black background)	10	ZBY2322	0.002		
		REVERSE	10	ZBY2306	0.002		
		RIGHT	10	ZBY2309	0.002		
		RUN	10	ZBY2334	0.002		
		SLOW	10	ZBY2327	0.002		
		START	10	ZBY2303	0.002		
		STOP-START	10	ZBY2366	0.002		
		UP	10	ZBY2307	0.002		
			Red background	EMERGENCY STOP	10	ZBY2330 (2)	0.002
		With legend (with German language marking)	Black or red background (1)	AB	10	ZBY2208	0.002
				AUF	10	ZBY2207	0.002
AUS	10			ZBY2204	0.002		
AUS-EIN	10			ZBY2266	0.002		
AUS-IN BETRIEB	10			ZBY2267	0.002		
AUS-RÜCKSTELLUNG	10			ZBY2233	0.002		
AUSSCHALTEN	10			ZBY2232	0.002		
AUTO-HAND	10			ZBY2364	0.002		
AUTO-O-HAND	10			ZBY2385	0.002		
AUTOZYKL-HAND	10			ZBY2299	0.002		
AUTOZYKL- 1 ZYKL	10			ZBY2298	0.002		
C-P-C-NORMAL	10			ZBY2265	0.002		
EIN	10			ZBY2203	0.002		
EINSCHALTEN	10			ZBY2231	0.002		
HAND	10			ZBY2316	0.002		
LANGSAM	10			ZBY2227	0.002		
LINKS	10			ZBY2210	0.002		
NOT-AUS (red background)	10			ZBY2230	0.002		
ÖFFNEN	10			ZBY2213	0.002		
RECHTS	10			ZBY2209	0.002		
RÜCKSTELLUNG	10			ZBY2223	0.002		
SCHLIESSEN	10			ZBY2214	0.002		
SCHNELL	10			ZBY2228	0.002		
SPANNUNG EIN	10			ZBY2226	0.002		
STEUERUNG AUS	10			ZBY2212	0.002		
STEUERUNG EIN	10			ZBY2211	0.002		
STÖRUNG (black background)	10			ZBY2234	0.002		
STÖRUNG (red background)	10			ZBY2235	0.002		
VOR	10			ZBY2205	0.002		
VOR-O-ZURÜCK	10			ZBY2284	0.002		
ZURÜCK	10			ZBY2206	0.002		
ZYKLUS-HAND	10			ZBY2297	0.002		
ZYKLUSSTART	10			ZBY2295	0.002		
	Red background	NOT-HALT	10	ZBY2229 (2)	0.002		
	Yellow background	NOT-HALT	10	ZBY22420001 (2)	0.002		

(1) "Start" functions: white letters on black background. "Stop" functions: white letters on red background (unless otherwise specified above).

(2) For complying with EN/ISO 13850 standard, paragraph 4.4.6., Emergency Stop function logo  has been added.




# Control and signaling units Ø 22

## Harmony® XB5, plastic

### Legends 8 x 27 mm

#### 8 x 27 mm marked legends (for 30 x 40 mm legend holders ZBZ32 and ZBZ34)

Language	Color of background	Marking	Sold in lots of	Reference	Weight kg	
Without	Black or red	–	10	ZBY0101	0.001	
	White or yellow	–	10	ZBY0102	0.001	
International	Black or red (1)	O (black background)	10	ZBY02146	0.001	
		O (red background)	10	ZBY02931	0.001	
		I	10	ZBY02147	0.001	
		II	10	ZBY02148	0.001	
		O-I	10	ZBY02178	0.001	
		I-II	10	ZBY02179	0.001	
		I-O-II	10	ZBY02186	0.001	
		AUTO	10	ZBY02115	0.001	
		STOP	10	ZBY02304	0.001	
		Yellow		10	ZBY0140 (2)	0.001
		French	Black or red (1)	ARRET (red background)	10	ZBY02104
ARRET (black background)	10			ZBY00104	0.001	
ARRET GENERAL	10			ZBY02129	0.001	
ARRET REARMEMENT	10			ZBY02133	0.001	
ARRET-MARCHE	10			ZBY02166	0.001	
ARRIERE	10			ZBY02106	0.001	
AUTO CYCLE-CYCLE	10			ZBY02198	0.001	
AUTO CYCLE-MAIN	10			ZBY02199	0.001	
AUTO-MAIN	10			ZBY02164	0.001	
AUTO-O-MAIN	10			ZBY02185	0.001	
AVANT	10			ZBY02105	0.001	
AVANT-O-ARRIERE	10			ZBY02184	0.001	
C-P-C-NORMAL	10			ZBY02165	0.001	
CYCLE-MAIN	10			ZBY02197	0.001	
DECLENCHEMENT	10			ZBY02132	0.001	
DEFAUT (black background)	10			ZBY02134	0.001	
DEFAUT (red background)	10			ZBY02135	0.001	
DEPART CYCLE	10			ZBY02195	0.001	
DESCENTE	10			ZBY02108	0.001	
DROITE	10			ZBY02109	0.001	
ENCLENCHEMENT	10			ZBY02131	0.001	
EN SERVICE	10			ZBY02111	0.001	
FERMETURE	10			ZBY02114	0.001	
GAUCHE	10			ZBY02110	0.001	
HORS SERVICE	10			ZBY02112	0.001	
HORS-EN	10			ZBY02167	0.001	
LENT	10			ZBY02127	0.001	
MAIN	10			ZBY02116	0.001	
MARCHE	10			ZBY02103	0.001	
MONTEE	10			ZBY02107	0.001	
OUVERTURE	10			ZBY02113	0.001	
PHASE/PHASE	10			ZBY02196	0.001	
REARMEMENT (red background)	10			ZBY02123	0.001	
REARMEMENT (black background)	10			ZBY00123	0.001	
SOUS TENSION	10			ZBY02126	0.001	
VITE	10			ZBY02128	0.001	
Red	ARRET D'URGENCE			10	ZBY02130 (2)	0.001

(1) "Start" functions: white letters on black background. "Stop" functions: white letters on red background (unless otherwise specified above)

(2) For complying with EN/ISO 13850 standard, paragraph 4.4.6., Emergency Stop function logo  has been added.

DF540805



ZBY02178

DF540829



ZBY0140

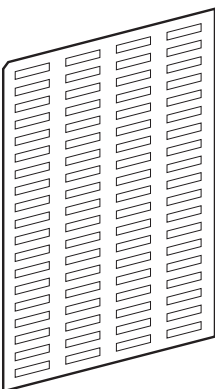
DF540806



ZBY0104

## 8 x 27 mm marked legends (for 30 x 40 mm legend holders ZBZ32 and ZBZ34) (continued)

Language	Color of background	Marking	Sold in lots of	Reference	Weight kg		
English	Black or red (1)	AUTO-HAND	10	ZBY02364	0.001		
		AUTO-O-HAND	10	ZBY02385	0.001		
		CLOSE	10	ZBY02314	0.001		
		DOWN	10	ZBY02308	0.001		
		FAST	10	ZBY02328	0.001		
		FORWARD	10	ZBY02305	0.001		
		HAND	10	ZBY02316	0.001		
		HAND-OFF-AUTO	10	ZBY02387	0.001		
		INCH	10	ZBY02321	0.001		
		LEFT	10	ZBY02310	0.001		
		OFF	10	ZBY02312	0.001		
		OFF-ON	10	ZBY02367	0.001		
		ON	10	ZBY02311	0.001		
		OPEN	10	ZBY02313	0.001		
		POWER ON	10	ZBY02326	0.001		
		RESET (red background)	10	ZBY02323	0.001		
		RESET (black background)	10	ZBY02322	0.001		
		REVERSE	10	ZBY02306	0.001		
		RIGHT	10	ZBY02309	0.001		
		RUN	10	ZBY02334	0.001		
		SLOW	10	ZBY02327	0.001		
		START	10	ZBY02303	0.001		
		STOP-START	10	ZBY02366	0.001		
		UP	10	ZBY02307	0.001		
			Red	EMERGENCY STOP	10	ZBY02330 (2)	0.001
		German	Black or red (1)	AB	10	ZBY02208	0.001
AUF	10			ZBY02207	0.001		
AUS	10			ZBY02204	0.001		
AUS-EIN	10			ZBY02266	0.001		
AUS-IN BETRIEB	10			ZBY02267	0.001		
AUS-RÜCKSTELLUNG	10			ZBY02233	0.001		
AUSSCHALTEN	10			ZBY02232	0.001		
AUTO-HAND	10			ZBY02364	0.001		
AUTO-O-HAND	10			ZBY02385	0.001		
AUTOZYKL-HAND	10			ZBY02299	0.001		
AUTOZYKL- 1 ZYKL	10			ZBY02298	0.001		
C-P-C-NORMAL	10			ZBY02265	0.001		
EIN	10			ZBY02203	0.001		
EINSCHALTEN	10			ZBY02231	0.001		
HAND	10			ZBY02316	0.001		
LANGSAM	10			ZBY02227	0.001		
LINKS	10			ZBY02210	0.001		
NOT-AUS (red background)	10			ZBY02230	0.001		
ÖFFNEN	10			ZBY02213	0.001		
RECHTS	10			ZBY02209	0.001		
RÜCKSTELLUNG	10			ZBY02223	0.001		
SCHLIESSEN	10			ZBY02214	0.001		
SCHNELL	10			ZBY02228	0.001		
SPANNUNG EIN	10			ZBY02226	0.001		
STEUERUNG AUS	10			ZBY02212	0.001		
STEUERUNG EIN	10			ZBY02211	0.001		
STÖRUNG (black background)	10			ZBY02234	0.001		
STÖRUNG (red background)	10			ZBY02235	0.001		
VOR	10			ZBY02205	0.001		
VOR-O-ZURÜCK	10			ZBY02284	0.001		
ZURÜCK	10			ZBY02206	0.001		
ZYKLUS-HAND	10			ZBY02297	0.001		
ZYKLUSSTART	10			ZBY02295	0.001		
	Red			NOT-HALT	10	ZBY02229 (2)	0.001
	Yellow			NOT-HALT	10	ZBY022420001 (2)	0.001



## Sheets of peel-off legends (with backing board and protective transparent cover)

Description	For use with	Sold in lots of	Unit reference	Weight kg
Sheet of 76 legends 8 x 27 mm	30 x 40 mm legend holder ZBZ32 and ZBZ34	10	ZBY4100	0.043

(1) "Start" functions: white letters on black background. "Stop" functions: white letters on red background (unless otherwise specified above).

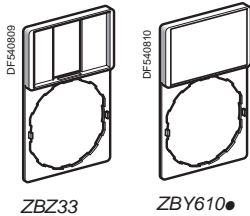
(2) For complying with EN/ISO 13850 standard, paragraph 4.4.6., Emergency Stop function logo  has been added.

## Control and signaling units Ø 22

Harmony® XB5, plastic

Legend holders for 18 x 27 mm legends

18 x 27 mm legends for engraving or printing

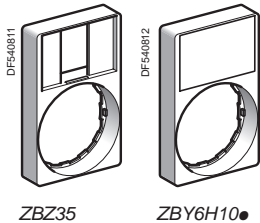


ZBZ33

ZBY610●

## Standard (30 x 50 mm) legend holders for 18 x 27 mm legends

Description	Color of background	Sold in lots of	Unit reference	Weight kg
Without legend	–	10	ZBZ33	0.001
With blank legend	Black or red	10	ZBY6101	0.002
	White or yellow	10	ZBY6102	0.002
	Yellow	10	ZBY6140 (1)	0.002

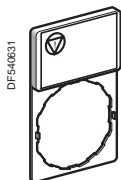


ZBZ35

ZBY6H10●

## 30 x 50 mm legend holder (flush mounting with bezel) for 18 x 27 mm legends

Description	Color of background	Sold in lots of	Unit reference	Weight kg
Without legend	–	10	ZBZ35	0.003
With blank legend	Black or red	10	ZBY6H101	0.004
	White or yellow	10	ZBY6H102	0.004



ZBY6140

## 18 x 27 mm legends for engraving (for 30 x 50 mm legend-holders)

Description mm	Language	Marking	Sold in lots of	Unit reference	Weight kg
Black or red background	–	Without	10	ZBY5101	0.001
White or yellow background	–	Without	10	ZBY5102	0.001
Yellow background	International		10	ZBY6140 (1)	0.001
	French	ARRET D'URGENCE	10	ZBY55130 (1)	0.001
	English	EMERGENCY STOP	10	ZBY55330 (1)	0.001

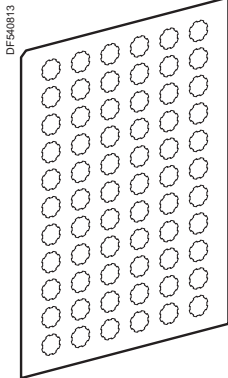
## Sheets of peel-off legends (with backing board and protective transparent cover)

Description	For use with	Sold in lots of	Unit reference	Weight kg
Sheet of 40 18 x 27 mm legends	30 x 50 mm legend holder ZBZ33 and ZBZ35	10	ZBY5100	0.044

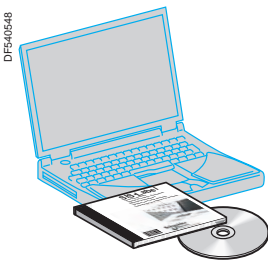
(1) For complying with EN/ISO 13850 standard, paragraph 4.4.6., Emergency Stop function logo has been added.

## Legends for XB5A pushbuttons, illuminated pushbuttons and pilot lights

Description	Language	Marking	Sold in lots of	Unit reference	Weight kg
Sheets of 66 circular peel-off, transparent, self-adhesive legends	–	Without	10	ZBY1101	0.017
Strips of 66 circular peel-off, transparent, self-adhesive legends	International	O	10	ZBY1146	0.017
		I	10	ZBY1147	0.017
		II	10	ZBY1148	0.017
		III	10	ZBY1149	0.017
		STOP	10	ZBY1304	0.017
		↑	10	ZBY1912	0.017
	French	ARRET	10	ZBY1104	0.017
		ARRIERE	10	ZBY1106	0.017
		AUTO	10	ZBY1115	0.017
		AVANT	10	ZBY1105	0.017
		DESCENTE	10	ZBY1108	0.017
		MAIN	10	ZBY1116	0.017
		MARCHE	10	ZBY1103	0.017
	English	MONTEE	10	ZBY1107	0.017
		HAND	10	ZBY1316	0.017
		OFF	10	ZBY1312	0.017
		ON	10	ZBY1311	0.017
	German	START	10	ZBY1303	0.017
AB		10	ZBY1208	0.017	
AUF		10	ZBY1207	0.017	
AUS		10	ZBY1204	0.017	
EIN		10	ZBY1203	0.017	
ZU		10	ZBY1214	0.017	



ZBY1101



ZBY2U

## "SIS Label" labelling software

Application	For use with	Reference	Weight kg
Legend design for English, French, German, Spanish, Italian	ZBY001, ZBY0101, ZBY0102, ZBY1101 ZBY4100, ZBY5100, ZBY5101 and ZBY5102	ZBY2U	0.100

## Circular yellow legends for mushroom head pushbuttons

Used for "Emergency stop" function (1)

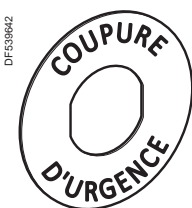
Diameter mm	Conforming to standards	Marking on yellow background	Sold in lots of	Reference	Weight kg
60	EN/IEC 60204-1 and EN/ISO 13850	–	10	ZBY9140	0.004
		ARRET D'URGENCE	10	ZBY9130	0.004
		EMERGENCY STOP	10	ZBY9330	0.004
		NOT-HALT	10	ZBY9230	0.004
		PARADA DE EMERGENCIA	10	ZBY9430	0.004
		ARRESTO DE EMERGENZA	10	ZBY9630	0.004
90	EN/IEC 60204-1 and EN/ISO 13850	–	10	ZBY8140	0.008
		ARRET D'URGENCE	10	ZBY8130	0.008
		EMERGENCY STOP	10	ZBY8330	0.008
		NOT-HALT	10	ZBY8230	0.008
		PARADA DE EMERGENCIA	10	ZBY8430	0.008
		ARRESTO DE EMERGENZA	10	ZBY8630	0.008



ZBY9130

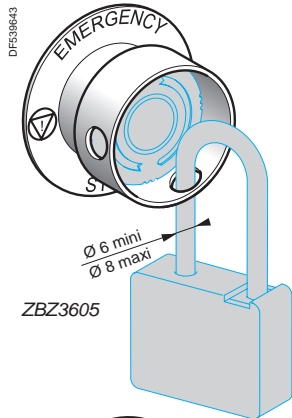
Used for "Emergency switching off" function

60	EN/IEC 60204-1	–	10	ZBY9101	0.004
		COUPURE D'URGENCE	10	ZBY9160	0.004
		EMERGENCY SWITCHING OFF	10	ZBY9360	0.004
		NOT-AUS	10	ZBY9260	0.004
		DESCONEXION DE EMERGENCIA	10	ZBY9460	0.004
		INTERRUZIONE DI EMERGENZA	10	ZBY9660	0.004
90	EN/IEC 60204-1	–	10	ZBY8101	0.008
		COUPURE D'URGENCE	10	ZBY8160	0.008
		EMERGENCY SWITCHING OFF	10	ZBY8360	0.008
		NOT-AUS	10	ZBY8260	0.008
		DESCONEXION DE EMERGENCIA	10	ZBY8460	0.008
		INTERRUZIONE DI EMERGENZA	10	ZBY8660	0.008



ZBY9160

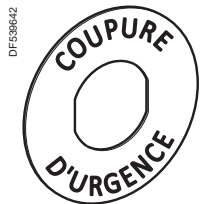
(1) For complying with EN/ISO 13850 standard, paragraph 4.4.6., Emergency Stop function logo (⊘) has been added.



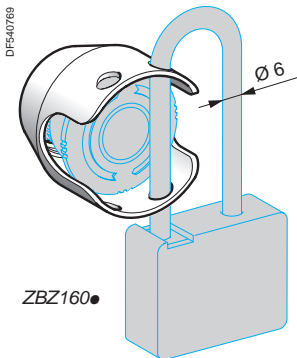
ZBZ3605



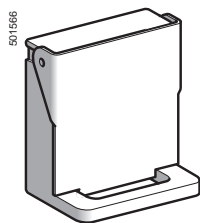
ZBY9130T



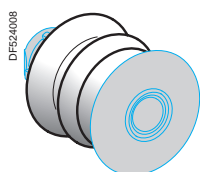
ZBY9160T



ZBZ160



ZB4BZ64



ZBZ8

### Accessories for mushroom head pushbuttons

Description	Exclusive use with the following Ø 40 trigger action pushbuttons	Color	Reference	Weight kg
<b>Padlocking kit</b> (1) (2) For Emergency stop (3) and Emergency switching off function (4), (padlockable)	XB5AS844●, XB5AS944●, ZB5AS844, ZB5AS944●.	Yellow	<b>ZBZ3605</b>	0.045
<b>Metal guards</b> For Emergency stop (3) function Padlockable (2)	XB5AT8●, XB5AS8●, XB5AS9●, ZB5AT8●, ZB5AS8●, ZB5AS9●.	Chromium plated	<b>ZBZ1600</b>	0.046
		Black	<b>ZBZ1602</b>	0.046
		Red	<b>ZBZ1604</b>	0.046
		Blue	<b>ZBZ1606</b>	0.046

Description	Marking	Color	Reference	Weight kg
<b>Ø 60 mm legend for padlocking device ZBZ3605</b> For Emergency stop function (3)	Without	Yellow	<b>ZBY9140T</b>	0.004
	ARRET D'URGENCE	Yellow	<b>ZBY9130T</b>	0.004
	EMERGENCY STOP	Yellow	<b>ZBY9330T</b>	0.004
	NOT-HALT	Yellow	<b>ZBY9230T</b>	0.004
<b>Ø 60 mm legend for padlocking device ZBZ3605</b> For Emergency switching off function (4)	Without	Yellow	<b>ZBY9101T</b>	0.004
	COUPURE D'URGENCE	Yellow	<b>ZBY9160T</b>	0.004
	EMERGENCY SWITCHING OFF	Yellow	<b>ZBY9360T</b>	0.004
	NOT-AUS	Yellow	<b>ZBY9260T</b>	0.004

### Other accessories

Description	For use with	Color	Reference	Weight kg
<b>Plastic guard</b>	Selector switches and key switches	Black	<b>ZBZ2102</b>	0.005
<b>Padlockable flaps</b>	Flush type pushbuttons	Black	<b>ZB4BZ62</b>	0.076
		Red	<b>ZB4BZ64</b>	0.076
		Yellow	<b>ZB4BZ65</b>	0.076
		Blue	<b>ZB4BZ66</b>	0.076

Description	For use with	Color	Sold in lots of	Unit reference	Weight kg
<b>Bellows seals for harsh environments</b> (Environments subject to humidity, dust, high-pressure cleaning etc...) <b>IP 69K</b> (5)	Pushbuttons	Red	2	<b>ZBZ48</b>	0.009
		Black	2	<b>ZBZ28</b>	0.009
		Yellow	2	<b>ZBZ58</b>	0.009

(1) Standard circular legends are not compatible with this product. Use special legends ZBY9●●●T.

(2) No isolation function is possible when this guard is fitted.

(3) Ensures conformity with standards EN/IEC 60204-1 and EN/ISO 13850.

(4) Ensures conformity with standard EN/IEC 60204-1.

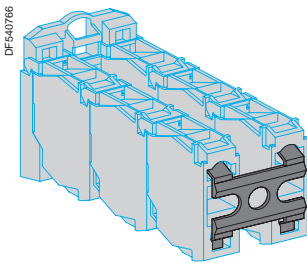
(5) Only when mounted on control stations. Use legends ZBY9●●●T.



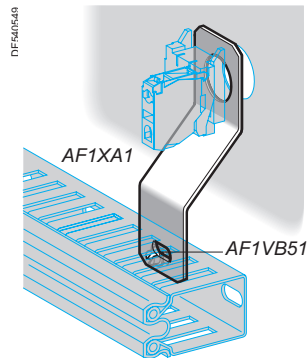
ZB5SZ3



ZB4BZ007



ZBZ007



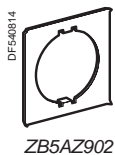
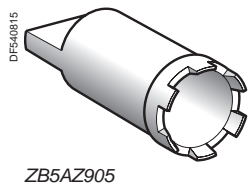
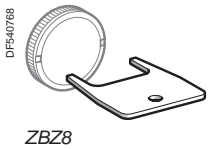
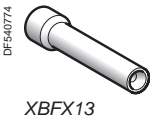
AF1XA1

AF1VB510

## Other accessories (continued)

Description	For use with	Color	Sold in lots of	Unit reference	Weight kg
Plastic blanking plug (with fixing nut)	Circular shape - Ø 22 mm control and signaling units	Black	10	ZB5SZ3	0.009
	Square shape - Ø 22 mm control and signaling units	Black	10	ZB5SZ5	0.009
Liquid spray protective washer to be fitted under the head	Ø 22 mm control and signaling units	Chromium plated	50	ZB4BZ007	0.010
		Black	50	ZB4BZ0077	0.010
Plastic clips	2 or 3 levels of contact blocks ZBE10● in high vibration environment	–	10	ZBZ007	–
Dummy contact block	Contact blocks ZBE10● and transformer blocks ZBV5B	–	5	ZBE000	–
Set of tabs for Faston connection	Contact blocks ZBE10● and light blocks ZBV ●	–	10	ZBZ003	–
Description	Application		Sold in lots of	Unit reference	Weight kg
Cable ducting support	Fixing beneath head		10	AF1XA1	0.030
M5 x 10 screw, with hexagonal slotted head	For fixing cable ducting		100	AF1VB510	0.003
Support	Pushbuttons, switches and pilot lights		1	DX1AP52	0.160
Boot for contact block ZBE10● and ZBE10● 3 (1)	For protection against dusty environment		1	ZBZ60	0.098

(1) Restriction for use: refer to the product instruction sheet on our website [www.schneider-electric.com](http://www.schneider-electric.com).



#### Bulbs with BA 9s base fitting and associated accessories

##### Illuminated pushbuttons

Description	Characteristics	Color	Sold in lots of	Unit reference	Weight kg
LEDs	≈ 24 V	White	1	DL1CJ0241	0.002
		Green	1	DL1CJ0243	0.002
		Red	1	DL1CJ0244	0.002
		Orange	1	DL1CJ0245	0.002
		Blue	1	DL1CJ0246	0.002
	≈ 48 V	Green	1	DL1CJ0483	0.002
		Red	1	DL1CJ0484	0.002
		Orange	1	DL1CJ0485	0.002
	6 V - 1.2 W	White	1	DL1CD0061	0.002
		Green	1	DL1CD0063	0.002
Red		1	DL1CD0064	0.002	
Orange		1	DL1CD0065	0.002	
Blue		1	DL1CD0066	0.002	
Incandescent bulbs	6 V - 1.2 W	–	10	DL1CB006	0.002
	24 V - 2 W	–	10	DL1CE024	0.002
	120...130 V 2.4 W	–	10	DL1CE130	0.002
Neon bulbs	120...130 V	–	10	DL1CF110	0.002
	230...240 V	–	10	DL1CF220	0.002
Bulb extractor	–	–	1	XBFX13	0.005
Lens cap tightening tool	Illuminated pushbuttons, with flush push	–	1	ZBZ8	0.009
Add-on square trim	Gives a square appearance to ZB5A circular heads	Black	10	ZB5AZ31	0.002
		Green	10	ZB5AZ1715626002	0.002
		Red	10	ZB5AZ1715626001	0.002
		Blue	10	ZB5AZ1715626003	0.002
Nut	Fixing ZB5A head	–	10	ZB5AZ901	0.002
Bezel tool	Tightening head fixing nut ZB5AZ901	–	1	ZB5AZ905	0.016
Anti-rotation plate	Selector switches and Emergency stop pushbuttons heads ZB5A	–	10	ZB5AZ902	0.008



ZBG455



ZBDLU1



ZBG455P



ZBGP



ZBDD2

## Replacement keys

Description	Key number	Reference	Weight kg
<b>For latching mushroom head pushbuttons and selector switches</b>			
Sets of 2 keys	455	ZBG455	0.013
	421E	ZBG421E	0.014
	458A	ZBG458A	0.014
	520E	ZBG520E	0.014
	3131A	ZBG3131A	0.014
	4A185	ZBDA185	0.014
	LU1	ZBDLU1	0.014
	LU2	ZBDLU2	0.014
	LU3	ZBDLU3	0.014
	LU4	ZBDLU4	0.014
	LU5	ZBDLU5	0.014
	LU6	ZBDLU6	0.014
	LU7	ZBDLU7	0.014
	LU8	ZBDLU8	0.014
	LU9	ZBDLU9	0.014
	LU10	ZBDLU10	0.014
	LU11	ZBDLU11	0.014
	LU12	ZBDLU12	0.014
	LU13	ZBDLU13	0.014
	LU14	ZBDLU14	0.014
	8D1	ZBD8D1	0.014
	Specific key	ZBGK (1)	0.014

## For booted selector switches

Sets of 2 keys, one of which supplied booted (rubber boot)	455	ZBG455P	–
	421E	ZBG421EP	–
	458A	ZBG458AP	–
	520E	ZBG520EP	–
	3131A	ZBG3131AP	–

## Accessory for key switches (2)

Description	Function	Reference	Weight kg
Keyhole cover (rubber boot)	Protection of lock barrel when no key inserted in lock	ZBGP	0.005

## Boot for standard handle

Description	For use with	Sold in lots of	Unit reference	Weight kg
Boot for standard handle	ZB4BD●● and ZB5AD●●	5	ZBDD2	0.005

(1) Key number to be added when ordering.

(2) Not compatible with products with key TEC10.



<b>A</b>									
AF1VB510	63	XB5AT42	27	ZB5AA●●●	18	ZB5AV01S	37	ZB5AVB●	48
AF1XA1	63	XB5AT845	26		23	ZB5AV003	36	ZB5AVB1156	49
APE1C2150	45	XB5AV5B●	37	ZB5AA7●●●	22	ZB5AV03	37	ZB5AVB3156	49
APE1C2250	45	XB5AV●●	37	ZB5AA7●●●●	23	ZB5AV3	51	ZB5AVB4156	49
APE1PRE21	45	XB5AVB●	36	ZB5AC●	24	ZB5AV3D1	51	ZB5AVB5156	49
		XB5AVG●	36	ZB5AC●●	24	ZB5AV3D3	51	ZB5AVB6156	49
		XB5AVM●	36	ZB5AD●	30	ZB5AV3D4	51	ZB5AVBG●	48
		XB5AW31B5	19	ZB5AD●●	33	ZB5AV3D5	51	ZB5AVG●	48
<b>D</b>		XB5AW31G5	19	ZB5AD912	38	ZB5AV3D6	51	ZB5AVJ●	48
DL1CB006	64	XB5AW31M5	19	ZB5AD922	38	ZB5AV03S	37	ZB5AVM●	48
DL1CD006●	64	XB5AW33B5	19	ZB5AD280●	33	ZB5AV04	37	ZB5AW0B●●	46
DL1CE024	64	XB5AW33G5	19	ZB5AF	29	ZB5AV4	51	ZB5AW0M●●	47
DL1CE130	64	XB5AW33M5	19	ZB5AF351	29	ZB5AV4D1	51	ZB5AW03D●●	50
DL1CF110	64	XB5AW34B5	19	ZB5AFDA	29	ZB5AV4D3	51	ZB5AW7A9	22
DL1CF220	64	XB5AW34G5	19	ZB5AFDB	29	ZB5AV4D4	51	ZB5AW7A1715	22
DL1CJ0241	64	XB5AW34M5	19	ZB5AFDC	29	ZB5AV4D5	51	ZB5AW7A1720	22
DL1CJ0243	64	XB5AW35B5	19	ZB5AFDD	29	ZB5AV4D6	51	ZB5AW7A1721	22
DL1CJ0244	64	XB5AW35G5	19	ZB5AFDE●●	29	ZB5AV04S	37	ZB5AW7A1724	22
DL1CJ0245	64	XB5AW35M5	19	ZB5AG●	32	ZB5AV05	37	ZB5AW7A3740	22
DL1CJ0246	64	XB5AW36B5	19	ZB5AG●D	33	ZB5AV5	51	ZB5AW7A3741	22
DL1CJ0483	64	XB5AW36G5	19	ZB5AG0●	32	ZB5AV5D1	51	ZB5AW7L3740	22
DL1CJ0484	64	XB5AW36M5	19	ZB5AG0●D	33	ZB5AV5D3	51	ZB5AW7L3741	22
DL1CJ0485	64	XB5AW3135	21	ZB5AH●	28	ZB5AV5D4	51	ZB5AW11	21
DX1AP52	63	XB5AW3145	21	ZB5AH0●	28	ZB5AV5D5	51	ZB5AW11S	21
		XB5AW3165	21	ZB5AH●●	28	ZB5AV5D6	51	ZB5AW13	21
		XB5AW3335	21	ZB5AH0●●	28	ZB5AV05S	37	ZB5AW13S	21
<b>X</b>		XB5AW3345	21	ZB5AJ●	31	ZB5AV06	37	ZB5AW14	21
XB5AA●●	14	XB5AW3365	21	ZB5AK1●13	35	ZB5AV6	51	ZB5AW14S	21
XB5AA●●●	38	XB5AW3435	21	ZB5AK1●33	35	ZB5AV06S	37	ZB5AW15	21
XB5AA●●●●	18	XB5AW3445	21	ZB5AK1●43	35	ZB5AV07	37	ZB5AW15S	21
XB5AA84101	38	XB5AW3465	21	ZB5AK1●53	35	ZB5AV07S	37	ZB5AW16	21
XB5AA84201	38	XB5AW3535	21	ZB5AK1●63	35	ZB5AV8	51	ZB5AW16S	21
XB5AA86102	38	XB5AW3545	21	ZB5AL●	16	ZB5AV9	51	ZB5AW17	21
XB5AA86202	38	XB5AW3565	21	ZB5AL●●●	18	ZB5AV013	36	ZB5AW17S	21
XB5AA711237	23	XB5AW73731B5	22	ZB5AL7340	22	ZB5AV013E	36	ZB5AW31	21
XB5AA731327	23	XB5AW73731G5	22	ZB5AL7341	22	ZB5AV013S	36	ZB5AW031	50
XB5AC21	24	XB5AW73731M5	22	ZB5AP●	17	ZB5AV18B1	49	ZB5AW31S	21
XB5AD●●	30	XB5DSB	38	ZB5AP●S	17	ZB5AV18B3	49	ZB5AW33	21
XB5AG●●	32	XB5DSG	38		54	ZB5AV18B4	49	ZB5AW33S	21
XB5AJ●●	31	XB5DSM	38	ZB5AP18	17	ZB5AV18B5	49	ZB5AW34	21
XB5AK123B5	34	XB5DT1S	38	ZB5AP38	17	ZB5AV18B6	49	ZB5AW34S	21
XB5AK123G5	34	XB5EVB●	36	ZB5AP48	17	ZB5AV18G1	49	ZB5AW35	21
XB5AK123M5	34	XB5EVG●	36	ZB5AP58	17	ZB5AV18G3	49	ZB5AW035	50
XB5AK124B5	34	XB5EVM●	36	ZB5AP68	17	ZB5AV18G4	49	ZB5AW35S	21
XB5AK124G5	34	XB5KSB	38	ZB5AP183	17	ZB5AV18G5	49	ZB5AW36	21
XB5AK124M5	34	XB5KSG	38	ZB5AP383	17	ZB5AV18G6	49	ZB5AW36S	21
XB5AK125B5	34	XB5KSM	38	ZB5AP483	17	ZB5AV18M1	49	ZB5AW37	21
XB5AK125G5	34	XBFX13	64	ZB5AP583	17	ZB5AV18M3	49	ZB5AW37S	21
XB5AK125M5	34	XB5Y2U	40	ZB5AP683	17	ZB5AV18M4	49	ZB5AW041	50
XB5AK133B5	34		42	ZB5AP●83	54	ZB5AV18M5	49	ZB5AW045	50
XB5AK133G5	34		44	ZB5AR●	24	ZB5AV18M6	49	ZB5AW051	50
XB5AK133M5	34		61	ZB5AR●16	24	ZB5AV033	36	ZB5AW055	50
XB5AK134B5	34			ZB5AS●●	25	ZB5AV033E	36	ZB5AW061	50
XB5AK134G5	34				27	ZB5AV033S	36	ZB5AW062	50
XB5AK134M5	34			ZB5AS●●●	26	ZB5AV043	36	ZB5AW063	50
XB5AK135B5	34			ZB5AS14D	27	ZB5AV043E	36	ZB5AW065	50
XB5AK135G5	34	<b>Z</b>		ZB5AS944D	26	ZB5AV043S	36	ZB5AW113	20
XB5AK135M5	34	ZB2BE101	40	ZB5AT2	25	ZB5AV053	36	ZB5AW113S	20
XB5AL42	16	ZB2BE102	40	ZB5AT4	27	ZB5AV053E	36	ZB5AW133	20
XB5AL4322	18	ZB4BD●●	65	ZB5AT24	25	ZB5AV053S	36	ZB5AW133S	20
XB5AL73415	22	ZB4BZ007	63	ZB5AT44	27	ZB5AV063	36	ZB5AW143	20
XB5AL84101	38	ZB4BZ6●	62	ZB5AT84	26	ZB5AV063E	36	ZB5AW143S	20
XB5AL84201	38	ZB4BZ0077	63	ZB5AT844	26	ZB5AV063S	36	ZB5AW153	20
XB5AP●●	17	ZB5AA●	14	ZB5AT8643M	26	ZB5AV156	51	ZB5AW153S	20
XB5AS●●●	27	ZB5AA●●	14		15				
XB5AS●●●●	26		15		20				
			22		22				

ZB5AW163	20	ZB5CA●6	15	ZBE5033	44	ZBW9363	55	ZBY8430	61
ZB5AW163S	20	ZB5CA331	18	ZBE5043	44	ZBY001	40	ZBY8460	61
ZB5AW313	20	ZB5CA432	18	ZBE5053	44		42	ZBY8630	61
ZB5AW313S	20	ZB5CA2912	18	ZBE7016	43		44	ZBY8660	61
ZB5AW333	20	ZB5CA2934	18	ZBE7026	43	ZBY2H101	56	ZBY9101	61
ZB5AW333S	20	ZB5CA6939	18	ZBE10163	44	ZBY4H101	56	ZBY9101T	62
ZB5AW343	20	ZB5CH0	28	ZBE10263	44	ZBY6H101	60	ZBY9130	61
ZB5AW343S	20	ZB5CH0●	28	ZBG421E	65	ZBY6H102	60	ZBY9130T	62
ZB5AW353	20	ZB5CH3●3	28	ZBG421EP	65	ZBY0101	58	ZBY9140	61
ZB5AW353S	20	ZB5CL●	16	ZBG455	65	ZBY0102	58	ZBY9140T	62
ZB5AW363	20	ZB5CV0●3	36	ZBG455P	65	ZBY0104	56	ZBY9160	61
ZB5AW363S	20	ZB5CW1●3	20	ZBG458A	65	ZBY00104	58	ZBY9160T	62
ZB5AW513	20	ZB5CW3●3	20	ZBG458AP	65	ZBY0123	56	ZBY9230	61
ZB5AW533	20	ZB5CW3●36	20	ZBG520E	65	ZBY00123	58	ZBY9230T	62
ZB5AW543	20	ZB5SZ3	63	ZBG520EP	65	ZBY0140	58	ZBY9260	61
ZB5AW553	20	ZB5SZ5	63	ZBG2201	39	ZBY1101	61	ZBY9260T	62
ZB5AW563	20	ZBA●	52	ZBG2401	39	ZBY1103	61	ZBY9330	61
ZB5AW713	25	ZBA●●	23	ZBG3131A	65	ZBY1104	61	ZBY9330T	62
ZB5AW733	25	ZBA●●●	23	ZBG3131AP	65	ZBY1105	61	ZBY9360	61
ZB5AW743	27		53	ZBG4201	39	ZBY1106	61	ZBY9360T	62
ZB5AW753	25	ZBA●●●●	23	ZBG4401	39	ZBY1107	61	ZBY9430	61
ZB5AW763	25		53	ZBGK	65	ZBY1108	61	ZBY9460	61
ZB5AW913	20	ZBC●	52	ZBGP	65	ZBY1115	61	ZBY9630	61
ZB5AW933	20	ZBCV0113	55	ZBL●	52	ZBY1116	61	ZBY9660	61
ZB5AW943	20	ZBCV0133	55	ZBL138	53	ZBY1146	61	ZBY55130	60
ZB5AW953	20	ZBCV0143	55	ZBP0	54	ZBY1147	61	ZBY55330	60
ZB5AW963	20	ZBCV0153	55	ZBP0A	54	ZBY1148	61	ZBY22420001	57
ZB5AX2	25	ZBCV0163	55	ZBP0●●	54	ZBY1149	61	ZBY022420001	59
ZB5AX4	27	ZBCW9113	55	ZBPA	54	ZBY1203	61	ZBZ001	40
ZB5AX84	26	ZBCW9133	55	ZBV5B	41	ZBY1204	61		44
ZB5AZ009	40	ZBCW9143	55	ZBV6	51	ZBY1207	61	ZBZ003	63
	42	ZBCW9153	55	ZBV0●●	55	ZBY1208	61	ZBZ006	43
	43	ZBCW9163	55	ZBV18B●	41	ZBY1214	61	ZBZ007	63
	45	ZBCW9313	55	ZBV18G●	41	ZBY1303	61	ZBZ8	64
ZB5AZ31	64	ZBCW9333	55	ZBV18M●	41	ZBY1304	61	ZBZ010	43
ZB5AZ079	43	ZBCW9343	55	ZBV0103S	55	ZBY1311	61	ZBZ011	43
ZB5AZ101	40	ZBCW9353	55	ZBV0113	55	ZBY1312	61	ZBZ012	43
ZB5AZ102	40	ZBCW9363	55	ZBV0133	55	ZBY1316	61	ZBZ28	26
ZB5AZ103	40	ZBD8D1	65	ZBV0143	55	ZBY1912	61		62
ZB5AZ104	40	ZBDA185	65	ZBV0153	55	ZBY21●●	56	ZBZ32	56
ZB5AZ105	40	ZBDD2	65	ZBV0163	55	ZBY021●●	58	ZBZ33	60
ZB5AZ106	40	ZBDLU●	65	ZBVB●	41	ZBY22●●	57	ZBZ34	56
ZB5AZ107	40	ZBDLU1●	65	ZBVB●●	42	ZBY022●●	59	ZBZ35	60
ZB5AZ141	40	ZBE●●●	40		43	ZBY23●●	57	ZBZ48	26
ZB5AZ901	64		43	ZBVBG●	41	ZBY023●●	59		62
ZB5AZ902	64		63	ZBVG●	41	ZBY2931	56	ZBZ58	26
ZB5AZ905	64	ZBE1013	44	ZBVG●●	42	ZBY02931	58		62
ZB5AZ1013	44	ZBE1014	45		45	ZBY4100	59	ZBZ60	63
ZB5AZ1014	45	ZBE1015	42	ZBVJ●	41	ZBY4101	56	ZBZ160●	62
ZB5AZ1015	42	ZBE1016	40	ZBVJ●●	42	ZBY4140	56	ZBZG156	41
ZB5AZ1023	44	ZBE1016P	40	ZBVM●	41	ZBY5100	60	ZBZM156	41
ZB5AZ1024	45	ZBE1016P3	44	ZBVM●●	42	ZBY5101	60	ZBZVM	41
ZB5AZ1025	42	ZBE1023	44		45	ZBY5102	60	ZBZVM	41
ZB5AZ1033	44	ZBE1024	45	ZBW91●	55	ZBY6101	60	ZD5PA12	39
ZB5AZ1034	45	ZBE1025	42	ZBW93●	55	ZBY6102	60	ZD5PA14	39
ZB5AZ1035	42	ZBE1026	40	ZBW9113	55	ZBY6140	60	ZD5PA22	39
ZB5AZ1043	44	ZBE1026P	40	ZBW9133	55	ZBY8101	61	ZD5PA24	39
ZB5AZ1044	45	ZBE1026P3	44	ZBW9143	55	ZBY8130	61	ZD5PA103	39
ZB5AZ1045	42	ZBE2013	44	ZBW9153	55	ZBY8140	61	ZD5PA203	39
ZB5AZ1053	44	ZBE2023	44	ZBW9163	55	ZBY8160	61		
ZB5AZ1054	45	ZBE2033	44	ZBW9163	55	ZBY8230	61		
ZB5AZ1055	42	ZBE2043	44	ZBW9313	55	ZBY8260	61		
ZB5AZ1414	45	ZBE2053	44	ZBW9333	55	ZBY8330	61		
ZB5AZ171562600●	64	ZBE5013	44	ZBW9343	55	ZBY8360	61		
ZB5CA●	14	ZBE5023	44	ZBW9353	55				



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