

Control and signaling units Ø 22

Harmony® XB4 metal

Catalog

January 2017



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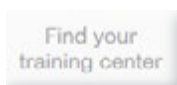


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General contents

Harmony® XB4 metal

Selection guide page 2

■ **Presentation**

- Presentation page 4
- Installation, mounting, and environment page 5
- Application page 6

■ **Description**..... page 7

















- Complete units..... page 8
- Sub-assemblies page 10

■ **Installation**

- Contact mounting - Contact sequence page 14

■ **References**

- Spring return, pushbuttons page 16
- Illuminated pushbuttons, spring return
 - With integral LED page 19
 - With BA 9s base fitting page 21
- Multiple-headed pushbuttons, spring return..... page 22
- Mushroom head pushbuttons, spring return type or latching type page 24
- Emergency stop and Emergency switching off functions page 26
- Circular yellow legends for Emergency stop page 27
- Pushbuttons and illuminated pushbuttons, push-push page 28
- Selector switches
 - With standard handle page 30
 - With long handle and padlockable long handle page 31
 - Key switches..... page 32
 - With knurled knob page 33
 - Illuminated, with standard handle and integral LED page 34
- Pilot lights
 - With integral LED page 36
 - With BA 9s base fitting page 37
- Specific functions
 - Manual overload reset pushbuttons, potentiometers page 38
 - Timers, hour counters, annunciators, USB/RJ45 ports,
and fuse carrier page 39
 - Joystick controllers with screw clamp terminal connections..... page 40
 - Wobblesticks page 41
- Contact and illuminated functions (blocks & bodies)
 - With screw clamp terminal connections page 42
 - With spring clamp terminal connections..... page 44
 - For printed circuit board page 45
 - With Faston connectors page 46
 - With plug-in connectors page 47
- Body/contact assemblies and light blocks
 - With integral LED page 48
 - With BA 9s base fitting page 52
- Accessories
 - For heads page 54
 - Legends and legend holders..... page 56
 - For pushbuttons..... page 62
- **Product reference index**..... page 66

Type of products		Pilot lights	Pushbuttons, selector switches and pilot lights				Biometric switches
							
							
							
							
Description of range		■ LED pilot lights	■ Pushbuttons ■ Multiple-headed pushbuttons ■ Emergency Stop pushbuttons ■ Selector switches and key switches ■ Illuminated pushbuttons ■ Pilot lights				Fingerprint readers 24V ~ ■ Stand-alone biometric switches ■ Stand-alone USB biometric switches ■ USB biometric switches dedicated to Schneider HMI (1)
Features	Products	Monolithic, compact, low consumption	Complete units or sub-assemblies (body + head)				Monolithic
	Bezel	Double insulated	Double insulated (3)	Metal, chromium plated or black	Double insulated	Double insulated, dark grey	
	Shape of head	Circular	Circular, square or rectangular	Circular	Circular or square	–	
Drilling or cut-out for fixing		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.			
Degree of protection	Conforming to IEC 60529	IP 40 IP 65 with seal	IP 65	IP 66, IP 67, IP 69, and IP 69K			IP 65 (control button)
	Conforming to UL 508 and CSA C22-2 N° 14	–	Enclosure type 4, 4X and 13				Enclosure type 12
Cabling		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 (3) Fast connector socket (4)	Spring clamp terminal connections Screw clamp terminal connections Faston connectors Connector with adapter for printed circuit board			Cable or connectors
Mounting	Panel thickness	1...8 mm/0.039...0.315 in.	1...6 mm/0.039...0.236 in.				
Type references		XVLA	XB6, XB6E	XB4	XB5	XB5S	

(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.



More technical information on www.schneider-electric.com

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">■ Wireless and batteryless pushbuttons and rope pull switch■ Configurable receivers■ Access point■ Relay-antenna■ Mobile handy box or plastic boxes for wall mounting	<ul style="list-style-type: none">■ Pushbuttons■ Emergency Stop and Emergency switching off pushbuttons■ Selector switches and key switches■ Illuminated pushbuttons■ Pilot lights	<ul style="list-style-type: none">■ 2 or 4 direction■ Stay put or spring return			<ul style="list-style-type: none">■ Pushbuttons■ Emergency Stop buttons■ Selector switches and key switches■ Illuminated pushbuttons■ Pilot lights	<ul style="list-style-type: none">■ Switches■ Stepping switches■ Reversing and changeover switches■ Ammeter switches■ Voltmeter switches■ Reversing switches■ Star-delta and reversing star-delta switches■ Pole change switches
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
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	IP 65: series K10 IP 40, IP 65 with seal: series K1/K2 IP 40: series K30...K150
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)
XB5R, XB4R	XB7	XD4PA	XD2GA	XD5PA	9001K, 9001SK	K10, K1, K2, K30, K50, K63, K115, K150

(3) For Harmony XB6 only.
(4) For Harmony XB6E only.



More technical information on www.schneider-electric.com

Presentation

The Harmony® XB4 metal range of modular control and signaling units combines simplicity of installation, flexibility, and robustness. It meets the requirements of the majority of industrial applications. These units are either complete products or separate components for customer assembly.

This range includes:

- Pushbuttons, selector/key switches, Emergency stop functions, and multiple-headed pushbuttons designed for parameter settings, adjustments, and start/stop control of machines and installations
- Pilot lights, illuminated pushbuttons, illuminated selector switches, and illuminated Emergency stop functions designed for visual signaling
- Various accessories including:
 - Flush mounting kits:
 - redesigned, improving the look of the control panel
 - quick and easy installation in a 30.5 mm/1.20 in. hole making it compatible with 22 mm/0.87 in. devices
 - a cost-effective solution, as the control devices and the operating modes of the machine do not change
 - Other accessories: protective covers, legends and legend holders, pushbutton caps, boots, bulbs, etc.

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

- Pushbuttons, spring return with flush push, projecting push, recessed push, booted flush push, or mushroom head
- Emergency stop pushbuttons with 3 types of head: push-pull, turn to release, and key release
- Pilot lights and illuminated pushbuttons with integral LED and BA 9s base fitting bulbs
- Selector switches with different types of operator: standard handle, long handle, knurled knob, or key
- Choice of heads: square, circular, rectangular, double-head/triple-head rectangular, or toggle
- Colors of push: white, black, green, orange, blue, red, or yellow
- Connection type: screw clamp connector, faston connector, spring terminal, or for printed circuit board
- Contact blocks for general purpose or specific applications (low current, standard or high power switching)
- Choice of heads to meet the majority of industrial needs: from the most basic pushbuttons and pilot lights, to functions meeting modern machine requirements, such as USB & RJ45 ports
- Wide choice of accessories and spare parts
- Other specific functions: complete potentiometer, hour counters, annunciator, or joystick controllers

Innovative complementary offers are also available:

- Control and signaling units for severe applications
- Wireless and batteryless pushbuttons
- Biometric switches

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)
- Attached using a single locking screw
- Anti-loosening system for screw clamp terminals on contact blocks

Mounting

An ingenious locking system consists of a snap-fit assembly method for the pushbutton head and body, tightened with a single screw, providing an easy yet secure mounting.

Environment

The performance of the Harmony XB4 range meets the most demanding international standards and approvals:

- Certified and approved for meeting requirements throughout all continents: EN/IEC, CE marking, UL, CSA, CCC, EAC, JIS, NEMA, and marine approvals
- Protection against ingress of solid objects, dust, and water: IP 66, 67, 69, 69K, type 4X
- Operating temperature range from -40 °C to +70 °C / -40 °F to +158 °F for outdoor applications
- Shock protection level up to IK06
- High vibration resistance with shakeproof connection screws (periodic retightening unnecessary)

Application

The wide choice of products in this range makes it suitable for the following applications:

■ Industry:

- ☐ Machines and control panels in packaging, material handling, material working, and pumping
- ☐ Extreme environments: food & beverage, automotive, mining, water treatment, etc.

■ Building and infrastructure:

- ☐ Energy distribution panels, public works, restaurants, commercial buildings, and airports

For more technical information, please refer to the Harmony XB4 products page on the Schneider Electric website.

Control and signaling units Ø 22

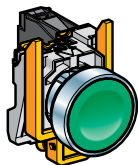
Harmony XB4, metal

Pushbuttons, switches, and pilot lights

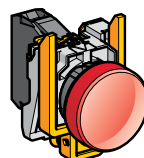
Description

The Ø 22 mm range of metal control and signaling units comprises:

Complete units XB4B, with chromium plated metal bezel

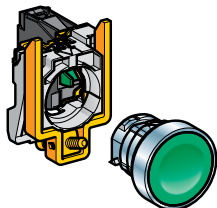


Pushbuttons and switches

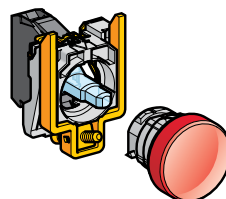


Pilot lights

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

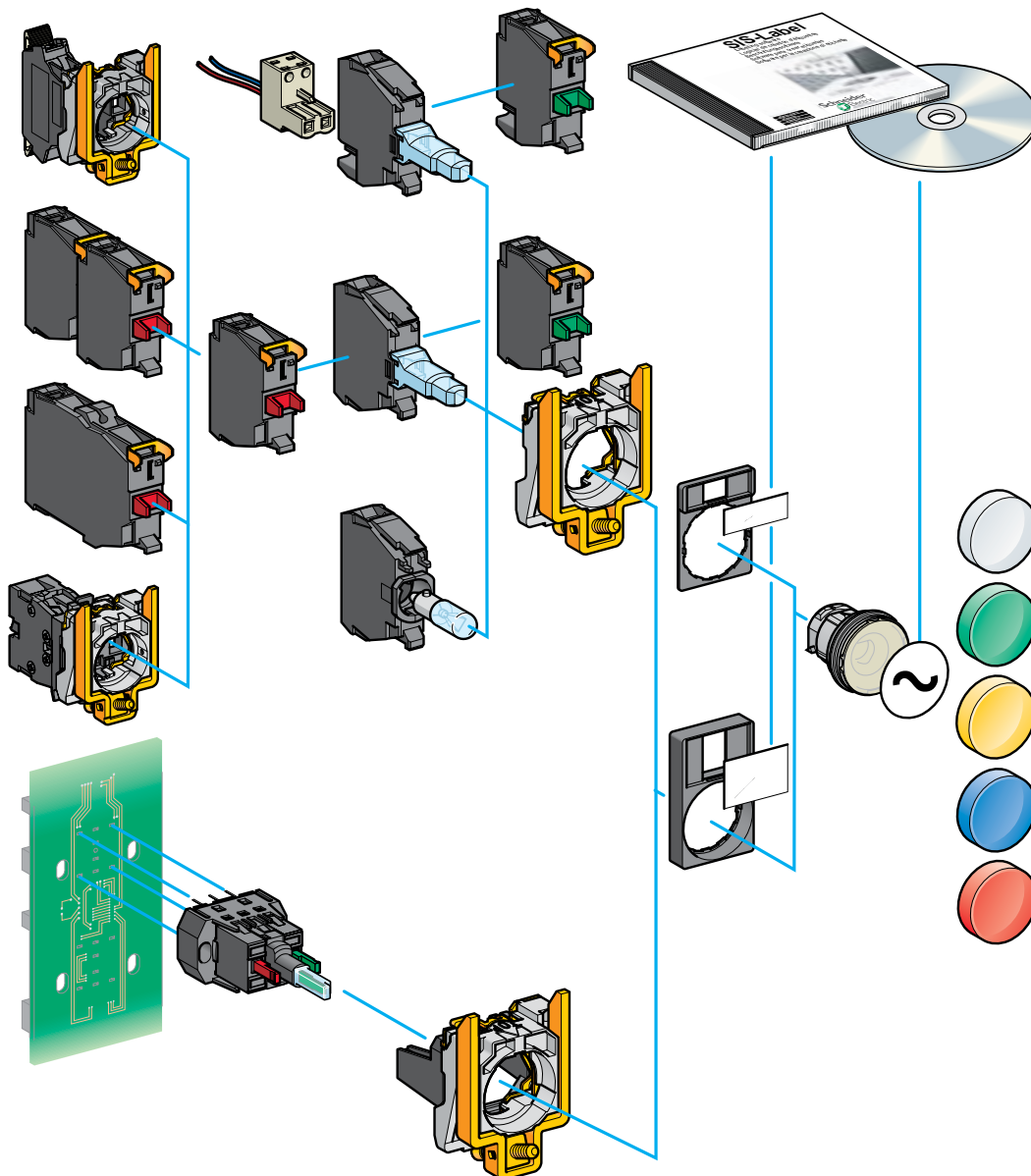


Pushbuttons and switches:
body + head
sub-assemblies



Pilot lights:
body + head
sub-assemblies

Component parts and accessories, ZB



Complete units

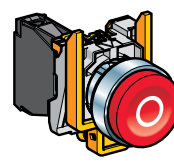
Contact functions



Flush push, unmarked
XB4BA●1/BA42
see page 16



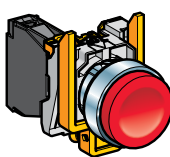
Flush push, with marking
XB4BA3311
see page 18



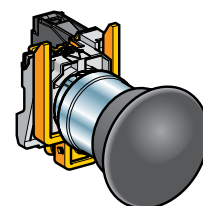
Projecting push, with marking
XB4BL4325
see page 18



Booted flush push
XB4BP●1/BP42
see page 17

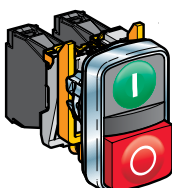


Projecting push, unmarked
XB4BL42
see page 16

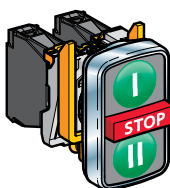


Ø 40 mm/
1.57 in.

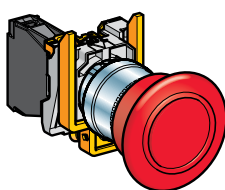
Mushroom head
XB4BC21
see page 24



Double-headed
XB4BL73415
see page 22

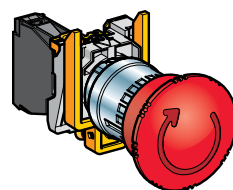


Triple-headed
XB4BA731327/XB4BA711237
see page 23



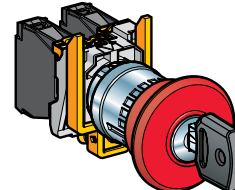
Ø 40 mm/
1.57 in.

Emergency stop trigger action and mechanical latching
Push-pull (EN/ISO 13850)
XB4BT845
see page 26



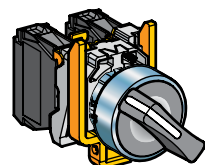
Ø 40 mm/
1.57 in.

Turn to release (EN/ISO 13850)
XB4BS844●
see page 26



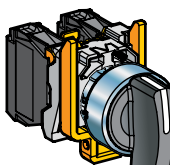
Ø 40 mm/
1.57 in.

Key release (EN/ISO 13850)
XB4BS9445
see page 26

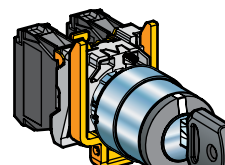


Selector switches and key switches, with chromium plated metal bezel

Standard handle, black
XB4BD●●
see page 30



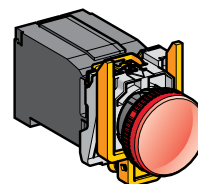
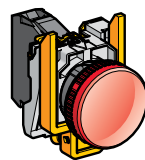
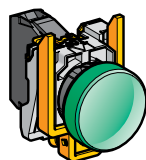
Long handle, black
XB4BJ●●
see page 31



Key switch
XB4BG●●
see page 32

Complete units

Signaling functions



Pilot lights

Integral LED

XB4BVB●/BVG●/BVM●
see page 36

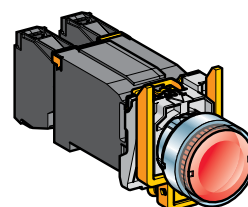
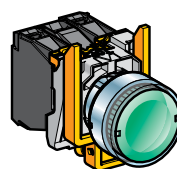
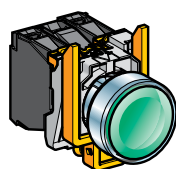
For bulb with BA 9s base fitting Direct supply

XB4BV6●
see page 37

Via integral transformer with secondary

XB4BV3●/BV4●
see page 37

Combined functions (contact and signaling)



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

Integral LED

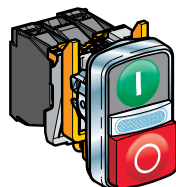
XB4BW3●B5/BW3●G5/BW3●M5
see page 19

For bulb with BA 9s base fitting Direct supply

XB4BW3●65
see page 21

Via integral transformer

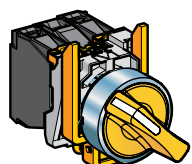
XB4BW3●35/BW3●45
see page 21



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

Integral LED

XB4BW73731●5
see page 22



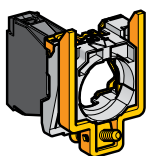
Illuminated selector switches with standard handle, chromium plated metal bezel

Integral LED

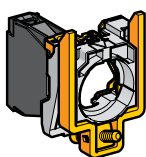
XB4BK12●●5, XB4BK13●●5
see page 34

Non illuminated units for user assembly

For pushbuttons, spring return, unmarked

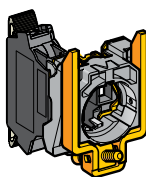


Screw clamp terminals
ZB4BZ10●/BZ141
see page 42



Faston
ZB4BZ10●3
see page 46

For pushbuttons, spring return, with marking



Spring clamp terminals
ZBE10●5
ZB4BZ10●5
see page 44

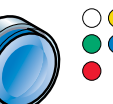
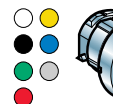
For multiple-headed pushbuttons, spring return

For "push-push to release" pushbuttons

Contact functions

Body sub-assemblies

Head sub-assemblies, chromium plated or black metal bezel

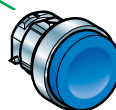


Flush push without cap
ZB4BA0
see page 16

Flush push with set of 6 caps
ZB4BA9
see page 16

Flush push
ZB4BA●
see page 16

Flush push for insertion of legend
ZB4BA●8
see page 16



Projecting push
ZB4BL●
see page 16

Recessed push
ZB4BA●6
see page 17

Booted flush/projecting push
ZB4BP●/BP●S
see page 17

Booted flush push for insertion of legend
ZB4BP●8
see page 17



Flush push
ZB4BA●3●/BA●4●
ZB4BA334/335
see page 18

Projecting push
ZB4BL●3●
see page 18



Double-headed pushbuttons
ZB4BA7●●●
ZB4BA79
ZB4BL734●
see page 22

Triple-headed pushbuttons
ZB4BA7313●
ZB4BA711●●
ZB4BA72124
ZB4BA791
see page 23



Flush push
ZB4BH0●
see page 28

Projecting push
ZB4BH●
see page 28

Control and signaling units Ø 22

Harmony XB4, metal

Pushbuttons, switches, and pilot lights:

Sub-assemblies, ZB4B

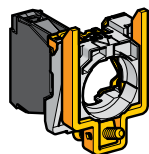
Non illuminated units for user assembly (continued)

Contact functions

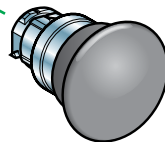
Body sub-assemblies

Head sub-assemblies, chromium plated or black metal bezel

For mushroom head pushbuttons

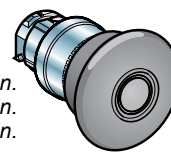


Screw clamp terminals
ZB4BZ10●/BZ141
see page 42



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

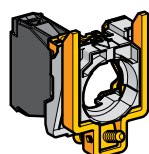
Spring return
ZB4BC●/BR●
see page 24



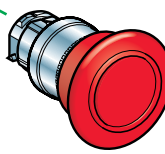
Ø 30 mm/1.181 in.
Ø 40 mm/1.575 in.
Ø 60 mm/2.362 in.

Latching
ZB4B●2/BS●2/BS55
see page 25

For Emergency Stop or Emergency switching off mushroom head pushbuttons

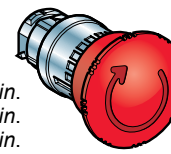


Faston
ZB4BZ10●3
see page 46



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

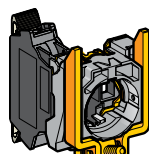
Push-pull (EN/ISO 13850)
ZB4BT84
see page 26



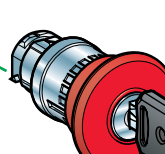
Ø 30 mm/1.181 in.
Ø 40 mm/1.575 in.
Ø 60 mm/2.362 in.

Turn to release (EN/ISO 13850)
ZB4BS8●4
see page 26

Emergency stop trigger action and mechanical latching



Spring clamp terminals
ZBE10●5
ZB4BZ10●5
see page 44



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

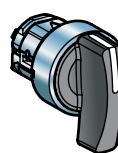
Key release (EN/ISO 13850)
ZB4BS9●4
see page 26

Emergency stop trigger action and mechanical latching

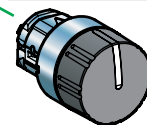
For selector switches and key switches



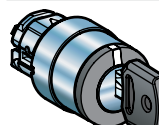
Standard black handle (1)
ZB4BD●
see page 30



Long black handle (1)
ZB4BJ●
see page 31

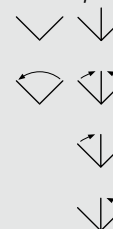


Knurled black knob (1)
ZB4BD●9
see page 33

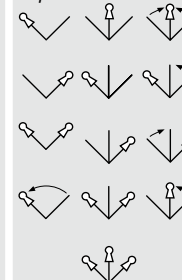


Key switch (2)
ZB4BG●●/
BG●TEC10
see page 32

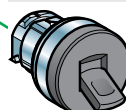
(1) Switch handle and knob positions



(2) Key switch positions
Key withdrawal positions



For toggle switches



2-position lever (3)
ZB4BD●8, see page 33

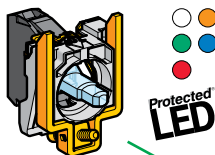
(3) Lever positions



Pilot lights for user assembly

Signaling functions

Body sub-assemblies with integral LED



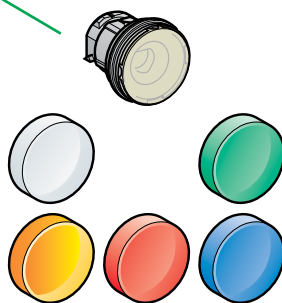
Connection: screw clamp terminals
ZB4BVJ●/BVB●/BVG●/BVM●
see page 50

Connection: plug-in connector
ZB4BVB●4/BVG●4/BVM●4
please consult our Customer Care Centre

Head sub-assemblies



With lens fitted
ZB4BV0●3
see page 36

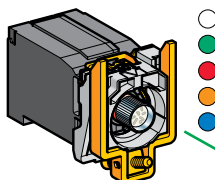


With 5 separate lenses, not fitted
ZB4BV003
see page 36

Body sub-assemblies for BA 9s bulb



Direct supply
Connection: screw clamp terminals
ZB4BV6
see page 53



Via integral transformer
Connection: screw clamp terminals
ZB4BV●D●
see page 53

Head sub-assemblies



With lens fitted
ZB4BV0●, ZB4BV0●S
see page 37

Control and signaling units Ø 22

Harmony XB4, metal

Pushbuttons, switches, and pilot lights

Sub-assemblies, ZB4B

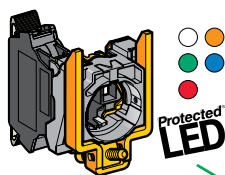
Illuminated pushbuttons for user assembly

For illuminated pushbuttons, spring return

Combined functions (contact and signaling)

Body sub-assemblies with integral LED

Screw clamp terminals

ZB4BW0B●●/BW0G●●/
BW0M●●
see page 48Plug-in connector
ZB4BW0B●●4
please consult our
Customer Care CentreSpring clamp terminals
ZBV●●●
see page 44

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

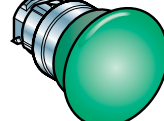
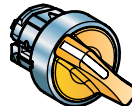
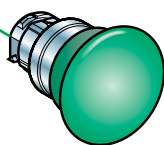
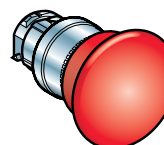
For illuminated mushroom head pushbuttons

Body sub-assemblies for BA 9s bulb

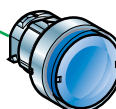
Direct supply or via
integral transformer
Screw clamp terminals
ZB4BW0●●●
see page 52

For illuminated pushbuttons, spring return

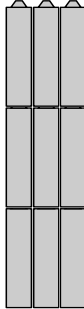
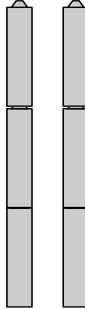
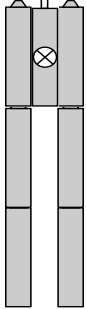

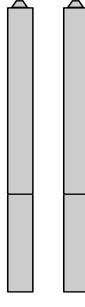
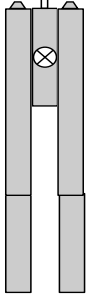
Head sub-assemblies, chromium plated or black metal bezel

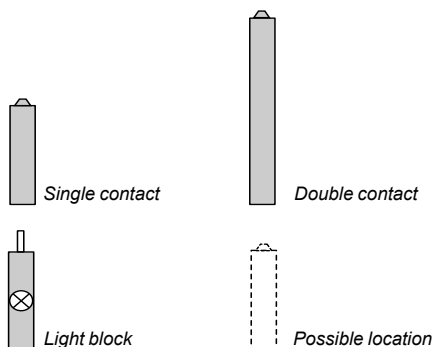
Flush push
ZB4BW3●3
see page 20Flush push with
illuminated ring
ZB4BW9●3
see page 20Flush push for insertion of legend
ZB4BA●8
see page 20Booted flush push
ZB4BW5●3
see page 20Projecting push
ZB4BW1●3,
ZB4BW1●3S
see page 20Mushroom head, spring return
ZB4BW4●3
see page 24Double-headed (flush/flush push) + central pilot light
Double-headed (flush/projecting push) + central pilot light
ZB4BW7A17●● / ZB4BW7A374● / ZB4BW7A9, see page 22
ZB4BW7L374●, see page 22Flush or projecting "push-push to release"
ZB4BH0●3/BH●3
see page 29Selector switches with standard handle
ZB4BK1●●3
see page 35Mushroom head, latching
ZB4BW6●3
see page 25Emergency switching off,
mechanical latching, push-pull
ZB4BW643
see page 26

Head sub-assemblies, chromium plated or black metal bezel

Flush push
ZB4BW3●,
ZB4BW3●S
see page 21Projecting push
ZB4BW1●,
ZB4BW1●S
see page 21

Maximum recommended configurations guaranteeing achievement of catalog characteristics

Unit type (complete units XB4B, heads ZB4B)	Pushbuttons, spring return XB4BA●, ZB4BA●8, (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 — 1

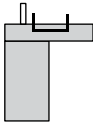
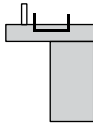
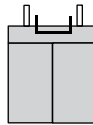
Possible configurations for high power switching contacts ^{(1) (2)}

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.

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	4	5	4	6	4	6	3	2
2	1	2	1	2	2	3	—	—
+	+	+	+	+	+	+	—	—
0	2	1	2	2	0	0	—	—
—	—	—	—	—	1	—	—	1

Sequence of contacts fitted to selector switch bodies

Unit type			Selector switches													
			2-position						3-position							
			315°			45°			315°			0°		45°		
Push	Position	Top														
		Bottom														
	Location	L	C	R	L	C	R	L	C	R	L	C	R	L	C	R
	State	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1
Contacts	N/O	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	N/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
L left, C centre, R right																
<input type="checkbox"/> open, <input checked="" type="checkbox"/> closed																

Control and signaling units Ø 22

Harmony XB4, metal

Spring return pushbuttons, unmarked

110002



XB4BA51

101192



ZB4BA0

814142



ZB4BA4

110051



ZB4BA38

103541



ZB4BA34

101168



XB4BL42

101217



ZB4BL1

Pushbuttons with flush push ⁽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
		NO	NC			
Complete units						
	Flush	1	–	White	XB4BA11 (ZB4BZ101 + ZB4BA1)	0.080/0.176
				Black	XB4BA21 (ZB4BZ101 + ZB4BA2)	0.080/0.176
				Green	XB4BA31 (ZB4BZ101 + ZB4BA3)	0.080/0.176
				Yellow	XB4BA51 (ZB4BZ101 + ZB4BA5)	0.080/0.176
				Blue	XB4BA61 (ZB4BZ101 + ZB4BA6)	0.080/0.176
		–	1	Red	XB4BA42 (ZB4BZ102 + ZB4BA4)	0.080/0.176

Heads only

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

Pushbuttons with projecting push ⁽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
		NO	NC			
Complete units						
	Projecting	–	1	Red	XB4BL42 (ZB4BZ102 + ZB4BL4)	0.081/0.179
Heads only						
	Projecting			White	ZB4BL1	0.030/0.066
				Black	ZB4BL2	0.030/0.066
				Green	ZB4BL3	0.030/0.066
				Red	ZB4BL4	0.030/0.066
				Yellow	ZB4BL5	0.030/0.066
				Blue	ZB4BL6	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 and contact) associated with the head, see page 14.

(2) Colored cap to be ordered separately: see page 54.

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

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

Control and signaling units Ø 22

Harmony XB4, metal

Spring return pushbuttons, unmarked



ZB4BA36

Pushbuttons with recessed push (1)

High guard

Shape of head	Type of push	Color	Reference	Weight kg/lb
	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

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
		NO	NC			
	Booted, clear silicone (color of push unobscured)	1	—	Black	XB4BP21 (ZB4BZ101 + ZB4BP2)	0.082/0.181
				Green	XB4BP31 (ZB4BZ101 + ZB4BP3)	0.082/0.181
				Yellow	XB4BP51 (ZB4BZ101 + ZB4BP5)	0.082/0.181
				Blue	XB4BP61 (ZB4BZ101 + ZB4BP6)	0.082/0.181
		—	1	Red	XB4BP42 (ZB4BZ102 + ZB4BP4)	0.082/0.181

Silicone booted heads only, with increased protection (IP 69K)

	Flush	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
	Projecting	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

Silicone booted heads only, standard for mouting with legend holder (IP 66)

	Flush	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
		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 and contact) associated with the head, see page 14.

(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 61.

(4) Replacement of silicone protection element without dismantling head, see page 55.



XB4BP21



ZB4BP18



ZB4BP2S



ZB4BP183

Control and signaling units Ø 22

Harmony XB4, metal

Spring return pushbuttons, with marking

101180



XB4BA4322

101195



ZB4BA331

101196



ZB4BA334

101218



ZB4BL432

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				
Complete units							
	Flush	1	–	"I" (White)	Green	XB4BA3311 (ZB4BZ101 + ZB4BA331)	0.080/0.176
	Flush	–	1	"O" (White)	Red	XB4BA4322 (ZB4BZ102 + ZB4BA432)	0.080/0.176
	Projecting	1	1	"O" (White)	Red	XB4BL4325 (ZB4BZ105 + ZB4BL432)	0.080/0.176
	Flush (2)	1	–	↑ (Black)	White	XB4BA3341 (ZB4BZ101 + ZB4BA334)	0.080/0.176
	Flush (2)	1	–	↓ (White)	Black	XB4BA3351 (ZB4BZ101 + ZB4BA335)	0.080/0.176
Heads only							
	Flush			"I" (White)	Green	ZB4BA331	0.029/0.064
				"I" (Black)	White	ZB4BA131	0.029/0.064
				"II" (White)	Green	ZB4BA336	0.029/0.064
				"II" (Black)	White	ZB4BA136	0.029/0.064
				"START" (white)	Green	ZB4BA333	0.029/0.064
				"START" (Black)	White	ZB4BA133	0.029/0.064
				"ON" (White)	Green	ZB4BA341	0.029/0.064
				"ON" (Black)	White	ZB4BA141	0.029/0.064
				"MARCHE" (White)	Green	ZB4BA342	0.029/0.064
				"MARCHE" (Black)	White	ZB4BA142	0.029/0.064
				(White)	Black	ZB4BA245	0.029/0.064
				(Black)	White	ZB4BA145	0.029/0.064
				"O" (White)	Red	ZB4BA432	0.029/0.064
					Black	ZB4BA232	0.029/0.064
				"ARRET" (White)	Red	ZB4BA433	0.029/0.064
					Black	ZB4BA233	0.029/0.064
				"STOP" (White)	Red	ZB4BA434	0.029/0.064
					Black	ZB4BA234	0.029/0.064
				"OFF" (White)	Red	ZB4BA435	0.029/0.064
					Black	ZB4BA235	0.029/0.064
	Projecting			↑ (Black) (2)	White	ZB4BA334	0.029/0.064
				↓ (White) (2)	Black	ZB4BA335	0.029/0.064
				"O" (White)	Red	ZB4BL432	0.030/0.066
					Black	ZB4BL232	0.030/0.066
				"ARRET" (White)	Red	ZB4BL433	0.030/0.066
					Black	ZB4BL233	0.030/0.066
				"STOP" (White)	Red	ZB4BL434	0.030/0.066
					Black	ZB4BL234	0.030/0.066
				"OFF" (White)	Red	ZB4BL435	0.030/0.066
					Black	ZB4BL235	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 and contact) associated with the head, see page 14.
(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 42
 Combined sub-assemblies: see page 48
 Accessories: see page 54

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
		 NO	 NC				
Complete units - With plain lens							
 	Integral LED	1	1	24  50/60 Hz	White	XB4BW31B5 (ZB4BW0B15 + ZB4BW313)	0.097/0.214
					Green	XB4BW33B5 (ZB4BW0B35 + ZB4BW333)	0.097/0.214
					Red	XB4BW34B5 (ZB4BW0B45 + ZB4BW343)	0.097/0.214
					Orange	XB4BW35B5 (ZB4BW0B55 + ZB4BW353)	0.097/0.214
					Blue	XB4BW36B5 (ZB4BW0B65 + ZB4BW363)	0.097/0.214
	110...120  50/60 Hz			White	XB4BW31G5 (ZB4BW0G15 + ZB4BW313)	0.097/0.214	
				Green	XB4BW33G5 (ZB4BW0G35 + ZB4BW333)	0.097/0.214	
				Red	XB4BW34G5 (ZB4BW0G45 + ZB4BW343)	0.097/0.214	
				Orange	XB4BW35G5 (ZB4BW0G55 + ZB4BW353)	0.097/0.214	
				Blue	XB4BW36G5 (ZB4BW0G65 + ZB4BW363)	0.097/0.214	
	230...240  50/60 Hz			White	XB4BW31M5 (ZB4BW0M15 + ZB4BW313)	0.097/0.214	
				Green	XB4BW33M5 (ZB4BW0M35 + ZB4BW333)	0.097/0.214	
				Red	XB4BW34M5 (ZB4BW0M45 + ZB4BW343)	0.097/0.214	
				Orange	XB4BW35M5 (ZB4BW0M55 + ZB4BW353)	0.097/0.214	
				Blue	XB4BW36M5 (ZB4BW0M65 + ZB4BW363)	0.097/0.214	

(1) Recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 14.

Control and signaling units Ø 22

Harmony XB4, metal

Illuminated pushbuttons, spring return, with integral LED

101244



ZB4BW333

XB4_632_CPSCT16035A



ZB4BW983

PG116073








ZB4BW563

101242





ZB4BW113

Illuminated pushbuttons with flush push (1)

Shape of head	Type of push	Color	Reference	Weight kg/lb
Heads only (2) - With plain lens				
	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
		Yellow	ZB4BW383	0.026/0.057
		Blue	ZB4BW363	0.026/0.057
	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
		Yellow	ZB4BW983	0.026/0.057
		Blue	ZB4BW963	0.026/0.057
	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
		Yellow	ZB4BW583	0.031/0.068
		Blue	ZB4BW563	0.031/0.068
	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
		Yellow	ZB4BA88	0.028/0.062
		Blue	ZB4BA68	0.028/0.062
Heads only (2) - With grooved lens (4)				
	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
		Yellow	ZB4BW383S	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
Heads only (2) - With plain lens				
	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
		Yellow	ZB4BW183	0.029/0.064
		Blue	ZB4BW163	0.029/0.064
Heads only (2) - With grooved lens (4)				
	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
		Yellow	ZB4BW183S	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 and contact) associated with the head, see page 14.

(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).



Control and signaling units Ø 22

Harmony XB4, metal




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

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
							
		NO	NC				



Complete units - With plain lens

 XB4BW3545		Direct supply for bulb with BA 9s base fitting, 2.4 W max (bulb not included)	1	1	≤ 250	White	XB4BW3165 (ZB4BW065 + ZB4BW31)	0.097/0.214
						Green	XB4BW3365 (ZB4BW065 + ZB4BW33)	0.097/0.214
						Red	XB4BW3465 (ZB4BW065 + ZB4BW34)	0.097/0.214
						Orange	XB4BW3565 (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	XB4BW3135 (ZB4BW035 + ZB4BW31)	0.169/0.373
						Green	XB4BW3335 (ZB4BW035 + ZB4BW33)	0.169/0.373
						Red	XB4BW3435 (ZB4BW035 + ZB4BW34)	0.169/0.373
						Orange	XB4BW3535 (ZB4BW035 + ZB4BW35)	0.169/0.373
					230 ~ 50 Hz	White	XB4BW3145 (ZB4BW045 + ZB4BW31)	0.170/0.375
					220...240 ~ 60 Hz	Green	XB4BW3345 (ZB4BW045 + ZB4BW33)	0.170/0.375
						Red	XB4BW3445 (ZB4BW045 + ZB4BW34)	0.170/0.375
						Orange	XB4BW3545 (ZB4BW045 + ZB4BW35)	0.170/0.375

Heads only ⁽²⁾ - With plain lens



 ZB4BW33		Flush				White	ZB4BW31	0.027/0.060
						Green	ZB4BW33	0.027/0.060
						Red	ZB4BW34	0.027/0.060
						Orange	ZB4BW35	0.027/0.060
						Blue	ZB4BW36	0.027/0.060
						Clear	ZB4BW37	0.027/0.060

Heads only ⁽²⁾ - With grooved lens ⁽³⁾



		Flush				White	ZB4BW31S	0.027/0.060
						Green	ZB4BW33S	0.027/0.060
						Red	ZB4BW34S	0.027/0.060
						Orange	ZB4BW35S	0.027/0.060
						Blue	ZB4BW36S	0.027/0.060
						Clear	ZB4BW37S	0.027/0.060

Illuminated pushbuttons with projecting push ⁽¹⁾

Heads only ⁽²⁾ - With plain lens

 ZB4BW14		Projecting				White	ZB4BW11	0.028/0.062
						Green	ZB4BW13	0.028/0.062
						Red	ZB4BW14	0.028/0.062
						Orange	ZB4BW15	0.028/0.062
						Blue	ZB4BW16	0.028/0.062
						Clear	ZB4BW17	0.028/0.062

Heads only ⁽²⁾ - With grooved lens ⁽³⁾

		Projecting				White	ZB4BW11S	0.027/0.060
						Green	ZB4BW13S	0.027/0.060
						Red	ZB4BW14S	0.027/0.060
						Orange	ZB4BW15S	0.027/0.060
						Blue	ZB4BW16S	0.027/0.060
						Clear	ZB4BW17S	0.027/0.060

Heads with black metal bezel

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

Example 1: **ZB4BW31** becomes **ZB4BW317**. Example 2: **ZB4BW31S** becomes **ZB4BW31S7**.

⁽¹⁾ Recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 14.

⁽²⁾ Only for use with bodies comprising a light source with BA9s 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-contact assemblies: see page 42
 Combined sub-assemblies: see page 48



XB4BL73415



ZB4BA7121



ZB4BL7341



XB4BW73731B5



ZB4BW7A1721



ZB4BW7A3741

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/lb
		NO	NC			

Complete units

	2 pushes (1 flush Black + 1 projecting Red)	1	1	White "I" on Green background White "O" on Red background	XB4BL73415	0.116/0.256
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Heads only

	2 flush Black pushes			White and Black background, unmarked	ZB4BA7120	0.056/0.123
				Black "I" on White background White "O" on Black background	ZB4BA7121	0.056/0.123
				Green and Red background, unmarked	ZB4BA7340	0.056/0.123
				White "I" on Green background White "O" on Red background	ZB4BA7341	0.056/0.123
				Without cap (3)	ZB4BA79	0.056/0.123
	1 flush Black push 1 projecting Red push			Green and Red background, unmarked	ZB4BL7340	0.056/0.123
				White "I" on Green background White "O" on Red background	ZB4BL7341	0.056/0.123

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/lb
		NO	NC				

Complete units

	1 flush Black push 1 projecting Red push 1 White central pilot light block	1	1	White "I" on Green background White "O" on Red background	24	XB4BW73731B5	0.130/0.287
					120	XB4BW73731G5	0.130/0.287
					240	XB4BW73731M5	0.130/0.287

Heads only (5)

	2 flush Black pushes 1 clear central pilot light (4)			White and Black background, unmarked		ZB4BW7A1720	0.056/0.123
				Black "I" on White background White "O" on Black background		ZB4BW7A1721	0.056/0.123
				Green and Red background, unmarked		ZB4BW7A3740	0.056/0.123
				White "I" on Green background White "O" on Red background		ZB4BW7A3741	0.056/0.123
				Black "I" on White background White "O" on Black background		ZB4BW7A1724	0.056/0.123
				Black "+" on White background Black "-" on White background		ZB4BW7A1715	0.056/0.123
				Without cap (3)		ZB4BW7A9	0.056/0.123
	1 flush Black push 1 projecting Red push 1 clear central pilot light (4)			Green and Red background, unmarked		ZB4BW7L3740	0.056/0.123
				White "I" on Green background White "O" on Red background		ZB4BW7L3741	0.056/0.123

Heads with black metal bezelTo 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 and contact) associated with the head, see page 14.

(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 42
 Combined sub-assemblies: see page 48

Control and signaling units Ø 22

Harmony XB4 metal

Multiple-headed pushbuttons, spring return



XB4BA731327



ZB4BA73133



ZB4BA71124



ZBA7235



ZBA7432



ZBA709

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
		NO	NC	NO			

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	XB4BA731327	0.128/0.282
					Black "→" on White background White "←" on Black background	XB4BA711237	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	ZB4BA73132	0.056/0.123
					White "←" on Green background White "→" on Green background	ZB4BA73133	0.056/0.123
					White "↑" on Green background White "↓" on Green background	ZB4BA73134	0.056/0.123
					White "+" on Green background White "-" on Green background	ZB4BA73135	0.056/0.123
					Black "+" on White background Black "-" on White background	ZB4BA71115	0.056/0.123
					Black "→" on White background White "←" on black background	ZB4BA71123	0.056/0.123
					Black "↑" on White background White "↓" on Black background	ZB4BA71124	0.056/0.123
					White "↑" on Black background White "↓" on Black background	ZB4BA72124	0.056/0.123
					Without cap (4)	ZB4BA791	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	ZBA71	0.010/0.022
		"I" Black	10	ZBA7131	0.010/0.022
		"→" Black	10	ZBA7134	0.010/0.022
		"+" Black	10	ZBA7138	0.010/0.022
	Black	Unmarked	10	ZBA72	0.010/0.022
		"O" White	10	ZBA7232	0.010/0.022
		"+" White	10	ZBA7233	0.010/0.022
		"→" White	10	ZBA7235	0.010/0.022
	Green	"I" White	10	ZBA7237	0.010/0.022
		Unmarked	10	ZBA73	0.010/0.022
		"I" White	10	ZBA7331	0.010/0.022
		"+" White	10	ZBA7333	0.010/0.022
	Red	"↑" White	10	ZBA7335	0.010/0.022
		"II" White	10	ZBA7336	0.010/0.022
		Unmarked	10	ZBA74	0.010/0.022
		"O" White	10	ZBA7432	0.010/0.022
	Yellow	Unmarked	10	ZBA75	0.010/0.022
	Blue	Unmarked	10	ZBA76	0.010/0.022

Clear silicone boots (6)	For 2 flush pushes	–	10	ZBA708	0.055/0.121
	For 3 pushes	–	10	ZBA709	0.055/0.121
	For 1 flush push + 1 projecting push	–	10	ZBA710	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 and contact) associated with the head, see page 14.

(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.

Control and signaling units Ø 22

Harmony XB4, metal

Mushroom head pushbuttons, spring return



XB4BC21



ZB4BC44



ZB4BC6



ZB4BR5



ZB4BR416



ZB4BW413

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
		NO	NC				

Complete units

	Mushroom head	1	—	40/1.575	Black	XB4BC21 (ZB4BZ101 + ZB4BC2)	0.122/0.269
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Heads only

	Mushroom head			30/1.181	Black	ZB4BC24	0.075/0.165
					Green	ZB4BC34	0.075/0.165
					Red	ZB4BC44	0.075/0.165
					Yellow	ZB4BC54	0.075/0.165
					Blue	ZB4BC64	0.075/0.165
				40/1.575	Black	ZB4BC2	0.074/0.163
					Green	ZB4BC3	0.074/0.163
					Red	ZB4BC4	0.074/0.163
					Yellow	ZB4BC5	0.074/0.163
					Blue	ZB4BC6	0.074/0.163
				60/2.362	Black	ZB4BR2	0.093/0.205
					Green	ZB4BR3	0.093/0.205
					Red	ZB4BR4	0.093/0.205
					Yellow	ZB4BR5	0.093/0.205
					Blue	ZB4BR6	0.093/0.205
				60/2.362 (3)	Black	ZB4BR216	0.054/0.119
				Hemispherical	Green	ZB4BR316	0.054/0.119
					Red	ZB4BR416	0.054/0.119
					Yellow	ZB4BR516	0.054/0.119
					Blue	ZB4BR616	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	ZB4BW413	0.051/0.112
			Green	ZB4BW433	0.051/0.112
			Red	ZB4BW443	0.051/0.112
			Orange	ZB4BW453	0.051/0.112
			Blue	ZB4BW463	0.051/0.112

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 and contact) associated with the head, see page 14.

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




(4) Only for use with bodies comprising a light block with integral LED.

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
Heads only					
	Push-pull	40/1.575	Black	ZB4BT2	0.077/0.170
		60/2.362	Black	ZB4BX2	0.095/0.209
	Turn to release	30/1.181	Black	ZB4BS42	0.066/0.146
		40/1.575	Black	ZB4BS52	0.070/0.154
		40/1.575	Yellow	ZB4BS55	0.070/0.154
		60/2.362	Black	ZB4BS62	0.090/0.198
	Key release (key no. 455) (2 keys included with head) (3) (5)	30/1.181	Black	ZB4BS72	0.066/0.146
		40/1.575	Black	ZB4BS12 (4)	0.070/0.154
		60/2.362	Black	ZB4BS22	0.090/0.198

Illuminated mushroom head pushbuttons (1) (2)

Integral LED

Shape of head	Type of reset	Push Ø (mm)/in.	Color	Reference	Weight kg/lb
Heads only					
	Mushroom head	40/1.575	White	ZB4BW613	0.051/0.112
			Green	ZB4BW633	0.051/0.112
			Orange	ZB4BW653	0.051/0.112
			Blue	ZB4BW663	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 and contact) associated with the head, see page 14.

(3) For specific keys with other numbers, please contact our Customer Care Center.

(4) Other key numbers:


- key no. 421E: add suffix **12** to the reference.

- key no. 458A: add suffix **10** to the reference.

- key no. 520E: add suffix **14** to the reference.

- key no. 3131A: add suffix **20** to the reference.

Example: To order a Ø 40/1.575 in. Black mushroom head for a latching pushbutton, with release by key no. 421E, the reference becomes: **ZB4BS1212**.

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

Assembly of other products using:
Body/contact assemblies: see page 42
Accessories: see pages 61 and 62

Control and signaling units Ø 22

Harmony XB4, metal

Emergency stop and Emergency switching off functions

Conforming to EN/IEC 60204-1, 60364-5-53,
EN/ISO 13850 and Machinery Directive 2006/42/EC






Emergency stop function: 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.

Emergency switching off function: Mushroom head switching off mechanical latching pushbuttons conform to standards IEC 60364-5-53 and EN/IEC 60947-5-5.




Please contact our Customer Care Center for a detailed explanation of these standards and directives.

Emergency stop and switching off pushbuttons with trigger action and mechanical latching ^{(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		
	Push-pull	–	1	40/1.575	Red	XB4BT842 (ZB4BZ105 + ZB4BT84)	0.125/0.276
		1	1	40/1.575	Red	XB4BT845 (ZB4BZ105 + ZB4BT84)	0.136/0.300
	Turn to release	–	1	40/1.575	Red	XB4BS8442 (ZB4BZ102 + ZB4BS844)	0.118/0.260
		1	1	40/1.575	Red	XB4BS8445 (ZB4BZ105 + ZB4BS844)	0.130/0.287
		–	2	40/1.575	Red	XB4BS8444 (ZB4BZ104 + ZB4BS844)	0.130/0.287
		1	2	40/1.575	Red	XB4BS8441 (ZB4BZ141 + ZB4BS844)	0.140/0.309
	Key release (key no. 455) ⁽³⁾	1	1	40/1.575	Red	XB4BS9445 (ZB4BZ105 + ZB4BS944)	0.170/0.375

Heads only

Shape of head	Type of reset	Push Ø (mm)/in.	Color	Reference	Weight kg/lb
	Push-pull	30/1.181	Red	ZB4BT844	0.078/0.172
		40/1.575	Red	ZB4BT84	0.078/0.172
		60/2.362	Red	ZB4BX84	0.098/0.216
	Turn to release	30/1.181	Red	ZB4BS834	0.068/0.150
		40/1.575	Red	ZB4BS844	0.073/0.161
		60/2.362	Red	ZB4BS864	0.093/0.205
	Key release (key no. 455) 2 keys included with head ^{(5) (3)}	30/1.181	Red	ZB4BS934	0.094/0.207
		40/1.575	Red	ZB4BS944 ⁽⁴⁾	0.098/0.216
		60/2.362	Red	ZB4BS964	0.118/0.260


Illuminated Emergency switching off function only, mechanical latching pushbuttons ⁽¹⁾

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

Shape of head	Type of reset	Push Ø (mm)/in.	Color	Reference	Weight kg/lb
	Push-pull	40/1.575	Red	ZB4BW643	0.051/0.112

⁽¹⁾ Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 14.

⁽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 no. 421E: add suffix **12** to the reference.
- key no. 458A: add suffix **10** to the reference.
- key no. 520E: add suffix **14** to the reference.
- key no. 3131A: add suffix **20** to the reference.
- key no. 4A185: add suffix **D** to the reference.

Example: To order a Ø 40 mm/1.575 in. 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 contact our Customer Care Center.

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

Assembly of other products using:
Body/contact assemblies: see page 42
Accessories: see pages 61 and 62

Control and signaling units Ø 22

Harmony XB4, metal

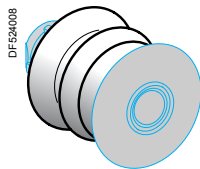
Circular yellow legends for Emergency stop



ZBY9121



ZBY9420



ZBZ8

Circular yellow legends for Emergency stop (1)

Description	Marking	Color	Sold in lots of	Reference	Weight kg/lb
Ø 60 mm/2.362 in. legend for Emergency stop function	-	Yellow	5	ZBY9121	0.007/0.015
	EMERGENCY STOP	Yellow	5	ZBY9320	0.007/0.015
	ARRET D'URGENCE	Yellow	5	ZBY9120	0.007/0.015
	NOT HALT	Yellow	5	ZBY9220	0.007/0.015
	PARADA DE EMERGENCIA	Yellow	5	ZBY9420	0.007/0.015
	ARRESTO DI EMERGENZA	Yellow	5	ZBY9620	0.007/0.015

Bellows for harsh environments (IP 69K) (2)

For use in	Material	For use with	Color	Sold in lots of	Unit reference	Weight kg/lb
Environments subject to humidity, dust, high pressure cleaning, etc.	Silicone	Emergency stop / Switching off function	Black	2	ZBZ28	0.009/0.020
		Other functions	Yellow	2	ZBZ58	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) Other legend models for Emergency stop and Emergency switching off function see page 62.

(2) Not compatible with Ø 30 mm/1.181 in. pushbutton.

Control and signaling units Ø 22

Harmony XB4, metal
Pushbuttons, push-push

Pushbuttons with flush push ⁽¹⁾


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

110046



ZB4BH02

Pushbuttons with projecting push ⁽¹⁾

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

110068



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 and contact) associated with the head, see page 14.

⁽²⁾ Caps to be ordered separately, see page 54.

Assembly of other products using:
Combined sub-assemblies: see page 48
Accessories: see page 54

Control and signaling units Ø 22

Harmony XB4, metal

Illuminated pushbuttons, push-push, with integral LED

Illuminated pushbuttons with flush push (1)

Shape of head	Type of push	Color of lens	Reference	Weight kg/lb
Heads only (2)				
	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
		Yellow	ZB4BH083	0.026/0.057
		Blue	ZB4BH063	0.026/0.057

110051




ZB4BH033

XB4_632_CP_SCT16036



ZB4BH083

Illuminated pushbuttons with projecting push (1)

Shape of head	Type of push	Color of lens	Reference	Weight kg/lb
Heads only (2)				
	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
		Yellow	ZB4BH83	0.026/0.057
		Blue	ZB4BH63	0.026/0.057

110168



ZB4BH63

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 and contact) associated with the head, see page 14.

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

Control and signaling units Ø 22

Harmony XB4, metal

Selector switches with standard handle





XB4BD33









ZB4BD4

Selector switches with standard handle ⁽¹⁾








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

Shape of head	Type of operator	Type of contact		Positions		Reference	Weight kg/lb
		 NO	 NC	Number	Type		


Complete units

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

Heads only

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

Heads only with other colored handles

	Standard handle, White	add suffix 01 to the reference, example: ZB4BD201
	Standard handle, Green	add suffix 03 to the reference, example: ZB4BD203
	Standard handle, Red	add suffix 04 to the reference, example: ZB4BD204
	Standard handle, Yellow	add suffix 05 to the reference, example: ZB4BD205
	Standard handle, Blue	add suffix 06 to the reference, example: ZB4BD206

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 14.

Assembly of other products using:
Body/contact assemblies: see page 42
Accessories: see page 54

Control and signaling units Ø 22

Harmony XB4, metal





Selector switches with long handle: normal and padlockable

Selector switches with long handle ⁽¹⁾



























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

Shape of head	Type of operator	Type of contact		Positions		Reference	Weight kg/lb
		NO	NC	Number	Type		

Complete units

	Long handle, Black	1	–	2-position 90°	Stay put	 XB4BJ21 (ZB4BZ101 + ZB4BJ2)	0.096/0.212
		2	–	3-position ± 45°	Stay put	 XB4BJ33 (ZB4BZ103 + ZB4BJ3)	0.096/0.212
					Spring return to centre	 XB4BJ53 (ZB4BZ103 + ZB4BJ5)	0.096/0.212

Heads only


	Long handle, Black			2-position 90°	Stay put	 ZB4BJ2	0.040/0.088
					Spring return from right to left	 ZB4BJ4	0.045/0.099
				3-position ± 45°	Stay put	 ZB4BJ3	0.040/0.088
					Spring return to centre	 ZB4BJ5	0.040/0.088
					Spring return from left to centre	 ZB4BJ7	0.040/0.088
					Spring return from right to centre	 ZB4BJ8	0.040/0.088
				2-position 90°	Stay put	 ZB4BJ291	0.048/0.106
						 ZB4BJ292	0.048/0.106
	Long handle, padlockable (2)					 ZB4BJ294	0.048/0.106
					Spring return from right to left	 ZB4BJ491	0.054/0.119
				3-position ± 45°	Stay put	 ZB4BJ391	0.048/0.106
						 ZB4BJ392	0.048/0.106
						 ZB4BJ393	0.048/0.106
						 ZB4BJ394	0.048/0.106
						 ZB4BJ395	0.048/0.106
						 ZB4BJ396	0.048/0.106
						 ZB4BJ397	0.048/0.106
					Spring return to centre	 ZB4BJ593	0.048/0.106
					Spring return from right to centre	 ZB4BJ891	0.048/0.106
						 ZB4BJ893	0.048/0.106
						 ZB4BJ895	0.048/0.106
					Spring return from left to centre	 ZB4BJ792	0.048/0.106
						 ZB4BJ793	0.048/0.106
						 ZB4BJ796	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 14.

(2) The symbol  indicates the padlocking positions.

Control and signaling units Ø 22

Harmony XB4, metal

Key switches







Key no. 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	Weight kg/lb
		NO	NC	Number	Type		

Complete units

	Key switch with key no. 455	1	—	2-position 90°	Stay put	 XB4BG21 (ZB4BZ101 + ZB4BG2)	0.153/0.337
						 XB4BG41 (ZB4BZ101 + ZB4BG4)	0.153/0.337
					Spring return to left	 XB4BG61 (ZB4BZ101 + ZB4BG6)	0.153/0.337
		2	—	3-position ± 45°	Stay put	 XB4BG03 (ZB4BZ103 + ZB4BG0)	0.153/0.337
						 XB4BG33 (ZB4BZ103 + ZB4BG3)	0.153/0.337


Heads only

	Key switch with key no. 455 (3) (4)	2-position 90°	Stay put	 ZB4BG2	0.098/0.216
				 ZB4BG02	0.098/0.216
				 ZB4BG4	0.098/0.216
				 ZB4BG6	0.098/0.216
		3-position ± 45°	Stay put	 ZB4BG0	0.098/0.216
				 ZB4BG03	0.098/0.216
				 ZB4BG04	0.098/0.216
				 ZB4BG3	0.098/0.216
				 ZB4BG5	0.098/0.216
				 ZB4BG9	0.098/0.216
				 ZB4BG09	0.098/0.216
				 ZB4BG1	0.098/0.216
				 ZB4BG01	0.098/0.216
				 ZB4BG7	0.098/0.216
				 ZB4BG8	0.098/0.216
				 ZB4BG05	0.098/0.216
				 ZB4BG08	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 and contact) associated with the head, see page 14.

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

(3) Other key numbers:

- key no. 421E: add suffix **12** to the reference.

- key no. 458A: add suffix **10** to the reference.

- key no. 520E: add suffix **14** to the reference.

- key no. 3131A: add suffix **20** to the reference.

Example: For a switch head with key no. 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 contact our Customer Care Center.








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

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

Toggle switches (1)						
Shape of head	Type of operator	Positions Number	Type		Reference	Weight kg/lb
Heads only						
	Black lever	2-position 90°	Stay put		ZB4BD28	0.026/0.057
			Spring return		ZB4BD48	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 and contact) associated with the head, see page 14.






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 ⁽¹⁾

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
								
		NO	NC					
Complete units								
 Protected LED	Standard handle	1	1	2-position Stay put  90°	24 ~ (50/60 Hz)	Green	XB4BK123B5 (ZB4BW0B35 + ZB4BK1233)	0.101/0.223
						Red	XB4BK124B5 (ZB4BW0B45 + ZB4BK1243)	0.101/0.223
						Orange	XB4BK125B5 (ZB4BW0B55 + ZB4BK1253)	0.101/0.223
					110...120 ~ (50/60 Hz)	Green	XB4BK123G5 (ZB4BW0G35 + ZB4BK1233)	0.101/0.223
						Red	XB4BK124G5 (ZB4BW0G45 + ZB4BK1243)	0.101/0.223
						Orange	XB4BK125G5 (ZB4BW0G55 + ZB4BK1253)	0.101/0.223
					230...240 ~ (50/60 Hz)	Green	XB4BK123M5 (ZB4BW0M35 + ZB4BK1233)	0.101/0.223
						Red	XB4BK124M5 (ZB4BW0M45 + ZB4BK1243)	0.101/0.223
						Orange	XB4BK125M5 (ZB4BW0M55 + ZB4BK1253)	0.101/0.223
		1	1	3-position Stay put  ± 45°	24 ~ (50/60 Hz)	Green	XB4BK133B5 (ZB4BW0B35 + ZB4BK1333)	0.101/0.223
						Red	XB4BK134B5 (ZB4BW0B45 + ZB4BK1343)	0.101/0.223
						Orange	XB4BK135B5 (ZB4BW0B55 + ZB4BK1353)	0.101/0.223
					110...120 ~ (50/60 Hz)	Green	XB4BK133G5 (ZB4BW0G35 + ZB4BK1333)	0.101/0.223
						Red	XB4BK134G5 (ZB4BW0G45 + ZB4BK1343)	0.101/0.223
						Orange	XB4BK135G5 (ZB4BW0G55 + ZB4BK1353)	0.101/0.223
					230...240 ~ (50/60 Hz)	Green	XB4BK133M5 (ZB4BW0M35 + ZB4BK1333)	0.101/0.223
						Red	XB4BK134M5 (ZB4BW0M45 + ZB4BK1343)	0.101/0.223
						Orange	XB4BK135M5 (ZB4BW0M55 + ZB4BK1353)	0.101/0.223








(1) Recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 14.

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
		Number	Type				kg/lb
Heads only (2)							
	Standard handle	2-position 90°	Stay put		White	ZB4BK1213	0.036/0.079
					Green	ZB4BK1233	0.036/0.079
					Red	ZB4BK1243	0.036/0.079
					Orange	ZB4BK1253	0.036/0.079
					Yellow	ZB4BK1283	0.036/0.079
					Blue	ZB4BK1263	0.036/0.079
			Spring return from right to left		White	ZB4BK1413	0.037/0.082
					Green	ZB4BK1433	0.037/0.082
					Red	ZB4BK1443	0.037/0.082
					Orange	ZB4BK1453	0.037/0.082
					Yellow	ZB4BK1483	0.037/0.082
					Blue	ZB4BK1463	0.037/0.082
		3-position ± 45°	Stay put		White	ZB4BK1313	0.036/0.079
					Green	ZB4BK1333	0.036/0.079
					Red	ZB4BK1343	0.036/0.079
					Orange	ZB4BK1353	0.036/0.079
					Yellow	ZB4BK1383	0.036/0.079
					Blue	ZB4BK1363	0.036/0.079
			Spring return to centre		White	ZB4BK1513	0.036/0.079
					Green	ZB4BK1533	0.036/0.079
					Red	ZB4BK1543	0.036/0.079
					Orange	ZB4BK1553	0.036/0.079
					Yellow	ZB4BK1583	0.036/0.079
					Blue	ZB4BK1563	0.036/0.079
			Spring return from right to centre		White	ZB4BK1813	0.036/0.079
					Green	ZB4BK1833	0.036/0.079
					Red	ZB4BK1843	0.036/0.079
					Orange	ZB4BK1853	0.036/0.079
					Yellow	ZB4BK1883	0.036/0.079
					Blue	ZB4BK1863	0.036/0.079
			Spring return from left to centre		White	ZB4BK1713	0.036/0.079
					Green	ZB4BK1733	0.036/0.079
					Red	ZB4BK1743	0.036/0.079
					Orange	ZB4BK1753	0.036/0.079
					Yellow	ZB4BK1783	0.036/0.079
					Blue	ZB4BK1763	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 and contact) associated with the head, see page 14.

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

107700




ZB4BK1343

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
Complete units				
■ With plain lens				
 Protected LED	24 ~ (50/60 Hz)	White	XB4BVB1 (ZB4BVB1 + ZB4BV013)	0.080/0.176
		Green	XB4BVB3 (ZB4BVB3 + ZB4BV033)	0.080/0.176
		Red	XB4BVB4 (ZB4BVB4 + ZB4BV043)	0.080/0.176
		Orange	XB4BVB5 (ZB4BVB5 + ZB4BV053)	0.080/0.176
		Blue	XB4BVB6 (ZB4BVB6 + ZB4BV063)	0.080/0.176
	110...120 ~ (50/60 Hz)	White	XB4BVG1 (ZB4BVG1 + ZB4BV013)	0.080/0.176
		Green	XB4BVG3 (ZB4BVG3 + ZB4BV033)	0.080/0.176
		Red	XB4BVG4 (ZB4BVG4 + ZB4BV043)	0.080/0.176
		Orange	XB4BVG5 (ZB4BVG5 + ZB4BV053)	0.080/0.176
		Blue	XB4BVG6 (ZB4BVG6 + ZB4BV063)	0.080/0.176
	230...240 ~ (50/60 Hz)	White	XB4BVM1 (ZB4BVM1 + ZB4BV013)	0.080/0.176
		Green	XB4BVM3 (ZB4BVM3 + ZB4BV033)	0.080/0.176
		Red	XB4BVM4 (ZB4BVM4 + ZB4BV043)	0.080/0.176
		Orange	XB4BVM5 (ZB4BVM5 + ZB4BV053)	0.080/0.176
		Blue	XB4BVM6 (ZB4BVM6 + ZB4BV063)	0.080/0.176

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	ZB4BV013	0.026/0.057
		Green	ZB4BV033	0.026/0.057
		Red	ZB4BV043	0.026/0.057
		Orange	ZB4BV053	0.026/0.057
		Yellow	ZB4BV083	0.026/0.057
		Blue	ZB4BV063	0.026/0.057
		5 colors (2) (3)	ZB4BV003	0.026/0.057
■ With plain lens, for insertion of legend (3)				
	Integral LED only 	White	ZB4BV013E	0.026/0.057
		Green	ZB4BV033E	0.026/0.057
		Red	ZB4BV043E	0.026/0.057
		Orange	ZB4BV053E	0.026/0.057
		Yellow	ZB4BV083E	0.026/0.057
		Blue	ZB4BV063E	0.026/0.057
■ With grooved lens (4)				
	Integral LED only 	White	ZB4BV013S	0.026/0.057
		Green	ZB4BV033S	0.026/0.057
		Red	ZB4BV043S	0.026/0.057
		Orange	ZB4BV053S	0.026/0.057
		Yellow	ZB4BV083S	0.026/0.057
		Blue	ZB4BV063S	0.026/0.057

(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, and 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).


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
Complete units - With plain lens				
	400 ~ - 50 Hz (1)	White	XB4BV5B1	0.172/0.379
		Green	XB4BV5B3	0.172/0.379
		Red	XB4BV5B4	0.172/0.379
		Orange	XB4BV5B5	0.172/0.379
		Blue	XB4BV5B6	0.172/0.379


PF512544



XB4BV5B1

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
Complete units - With plain lens				
■ Direct supply, for BA 9s bulb, U ≤ 250 V, 2.4 W max (bulb not included)				
	≤ 250	White	XB4BV61 (ZB4BV6 + ZB4BV01)	0.075/0.165
		Green	XB4BV63 (ZB4BV6 + ZB4BV03)	0.075/0.165
		Red	XB4BV64 (ZB4BV6 + ZB4BV04)	0.075/0.165
		Orange	XB4BV65 (ZB4BV6 + ZB4BV05)	0.075/0.165

101178



XB4BV64

■ Via integral transformer, 1.2 VA, 6 V secondary, with BA 9s incandescent bulb (included)


	110...120 ~ - 50/60 Hz	White	XB4BV31 (ZB4BV3 + ZB4BV01)	0.152/0.335
		Green	XB4BV33 (ZB4BV3 + ZB4BV03)	0.152/0.335
		Red	XB4BV34 (ZB4BV3 + ZB4BV04)	0.152/0.335
		Orange	XB4BV35 (ZB4BV3 + ZB4BV05)	0.152/0.335
	230 ~ - 50 Hz 220...240 ~ - 60 Hz	White	XB4BV41 (ZB4BV4 + ZB4BV01)	0.152/0.335
		Green	XB4BV43 (ZB4BV4 + ZB4BV03)	0.152/0.335
		Red	XB4BV44 (ZB4BV4 + ZB4BV04)	0.152/0.335
		Orange	XB4BV45 (ZB4BV4 + ZB4BV05)	0.152/0.335

PF512545



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				
	With BA 9s base fitting	White	ZB4BV01	0.027/0.060
		Green	ZB4BV03	0.027/0.060
		Red	ZB4BV04	0.027/0.060
		Orange	ZB4BV05	0.027/0.060
		Blue	ZB4BV06	0.027/0.060
		Clear	ZB4BV07	0.027/0.060

101234



ZB4BV04

■ With grooved lens (3)

	With BA 9s base fitting	White	ZB4BV01S	0.027/0.060
		Green	ZB4BV03S	0.027/0.060
		Red	ZB4BV04S	0.027/0.060
		Orange	ZB4BV05S	0.027/0.060
		Blue	ZB4BV06S	0.027/0.060
		Clear	ZB4BV07S	0.027/0.060

PG113109



ZB4BV06S

(1) To order 440...460 V ~ - 60 Hz transformer blocks, replace "5" in the reference with "8". Example: **XB4BV5B1** becomes **XB4BV8B1**. To order 550...600 V ~ - 60 Hz blocks, replace "5" with "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).

Control and signaling units Ø 22

Harmony XB4, metal


Specific functions

Pushbuttons for manual overload reset, potentiometer

101161



XB4BA821

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

XB4_632_OPSC716007B




XB4BD912R1K

Complete potentiometers			
Description	Resistance k Ω	Reference	Weight kg/lb
+/- 10% linear mode precision complete potentiometer with screw terminals	1	XB4BD912R1K	0.095/0.209
	4.7	XB4BD912R4K7	0.095/0.209
	10	XB4BD912R10K	0.095/0.209
	47	XB4BD912R47K	0.095/0.209
	100	XB4BD912R100K	0.095/0.209
	470	XB4BD912R470K	0.095/0.209

814341



ZB4BD912

Heads and 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	ZB4BD912	0.080/0.176
		Ø 6.35 mm/ 0.250 in. shaft	ZB4BD922	0.080/0.176

References

Assembly of other products using:
Body/contact assemblies: see page 42
Accessories: see page 54

Control and signaling units Ø 22

Harmony XB4, metal

Specific functions

Timers, hour counters, annunciators, USB/RJ45 ports,
fuse carrier

XB5_633_CPSC16046



XB5DTB22

Timers						
Description	Output type	Supply voltage V	Time delay type	Time delay range	Reference	Weight kg/lb
Panel-mounted timer function with LED status and 1 static output in 22.5 mm/0.886 in. hole	1 static output	24 V	Type A (delay on energization)	0.5...10s	XB5DTB22	0.027/0.060
				3...60 s	XB5DTB23	0.027/0.060
				0.5...10 min	XB5DTB24	0.027/0.060
				3...60 min	XB5DTB25	0.027/0.060
		100...240 V - 50/60 Hz	Type A (delay on energization)	0.5...10s	XB5DTGM2	0.027/0.060
				3...60 s	XB5DTGM3	0.027/0.060
				0.5...10 min	XB5DTGM4	0.027/0.060
				3...60 min	XB5DTGM5	0.027/0.060

101187



XB5DSB

Hour counters			
Characteristics	Supply voltage V	Reference	Weight kg/lb
Indication 0...9999.9	12...24 V - 50 or 60 Hz	XB5DSB	0.045/0.099
	120 V - 60 Hz	XB5DSG	0.045/0.099
	230...240 V - 50 Hz	XB5DSM	0.045/0.099

101188



XB5KSB

Annunciators (IP 40 NEMA 1)			
85 db buzzer: 4 kHz, with continuous or intermittent operation (connection diagram: on Schneider Electric website, Harmony XB5 page)	24 V - 50 or 60 Hz	XB5KSB	0.035/0.077
	120 V - 50 or 60 Hz	XB5KSG	0.035/0.077
	230...240 V - 50 Hz	XB5KSM	0.035/0.077

XB5_633_CPSC16027



XB5PUSB3

USB and RJ45 ports					
Description	Interface type	Connection type	Degree of protection	Reference	Weight kg/lb
Panel-mounted USB and RJ45 ports in 22.5 mm/0.886 in. hole with notch	USB interface, jack type A	USB port 3.0 A-A	IP 20	XB5PUSB3	0.017/0.037
			IP 65, IP 67, IP 69K with protection cover (1)		
	Ethernet interface, RJ45 jack	RJ45 port Cat. 6	IP 20	XB5PRJ45	0.027/0.060
			IP 65, IP 67, IP 69K with protection cover (1)		

XB5_633_CPSC16027



XB5PRJ45

101300



XB5DT1S

Fuse carrier			
Description	For use with	Reference	Weight kg/lb
Fuse carrier	5 x 20 mm/0.787 in. fuse 6.3 A - 250 V	XB5DT1S	0.022/0.049

(1) To order protection covers, see page 36205-EN/3.

Control and signaling units Ø 22

Harmony XB4, metal

Specific functions

Joystick controllers

10189



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
Complete products				
2-direction	1 notch 1 NO contact per direction	Without	XD4PA12	0.116/0.256
		With	XD4PA22	0.116/0.256
4-direction	1 notch 1 NO contact per direction	Without	XD4PA14	0.133/0.293
		With	XD4PA24	0.133/0.293

103074



ZD4PA103

103072



ZD4PA203

103073



ZD4PA12

Sub-assemblies for joystick controllers

Description	Functions		Reference	Weight kg/lb
Complete body/contact assemblies	2-direction		ZD4PA103	0.049/0.108
	4-direction		ZD4PA203	0.058/0.128
Complete head assemblies with operating shaft	2-direction, stay put		ZD4PA12	0.022/0.049
	2-direction, spring return to zero position		ZD4PA22	0.022/0.049
	4-direction, stay put		ZD4PA14	0.022/0.049
	4-direction, spring return to zero position		ZD4PA24	0.022/0.049
Legends Ø 30 x 48 mm/ 1.181 x 1.890 in. for engraving	2-direction	Black on one side Red on reverse	ZBG2201	0.001/0.002
		White on one side Yellow on reverse	ZBG2401	0.001/0.002
Legends Ø 48 x 48 mm/ 1.890 x 1.890 in. for engraving	4-direction	Black on one side Red on reverse	ZBG4201	0.002/0.004
		White on one side Yellow on reverse	ZBG4401	0.002/0.004

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 2 x 0.110 in.). Please contact our Customer Care Center.

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

Assembly of other products using:
Accessories: see page 54

Control and signaling units Ø 22
Harmony XB4, metal
Specific functions
Wobblesticks

109497



ZB4BB2

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

To combine with heads,
see pages 16 to 38

Control and signaling units Ø 22

Harmony XB4, metal

Body/contact assemblies - Screw clamp terminal connections



ZB4BZ009



ZBE101



ZBE203



ZB4BZ101



ZBE201



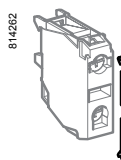
ZB4BZ106



ZBE501



ZB2BE101



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
		1	1	5	ZBE205	0.020/0.044
	Single with body/fixing collar	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) (IP 5X, 50 µm dust)	1	—	5	ZBE1016P	0.012/0.026
			—	1	5	ZBE1026P	0.012/0.026
Staggered contacts	Single	Early make NO 	1	—	5	ZBE201	0.011/0.024
		Late break NC 	—	1	5	ZBE202	0.011/0.024
	Single with body/fixing collar	Overlapping NO+NC 	1	1	5	ZB4BZ106	0.062/0.137
		Staggered NO+NO 	2	—	5	ZB4BZ107	0.062/0.137
	High power switching	Single	Standard (3)	1	—	1	ZBE501
—				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

(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 14.

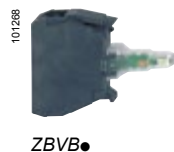
(2) It is not possible to fit an additional contact block on the back of these contact blocks.

(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 20



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) Protected 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
		Yellow	5	ZBVB8	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
		Yellow	5	ZBVG8	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
		Yellow	5	ZBVM8	0.017/0.037
		Blue	5	ZBVM6	0.017/0.037



Flashing light blocks with screw clamp terminal connections (Schneider Electric anti-loosening system)					
Integral LED (to combine with heads for integral LED) Protected 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	ZBV18G1	0.017/0.037
		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	ZBV18M1	0.017/0.037
		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	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, replace "5" in the reference with "8": ZBV5B becomes ZBV8B. To order 550...600 V ~ - 60 Hz transformer blocks, replace "5" with "9": ZBV5B becomes ZBV9B.

(3) Block for use with ~ light blocks with integral LED types ZBVJ●, ZBVB●, ZVB BG● 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.



Control and signaling units Ø 22

Harmony XB4, metal

Body/contact assemblies - Spring clamp terminal
connections

101191



ZB4BZ009

PF10777



ZBE1015

PF10779



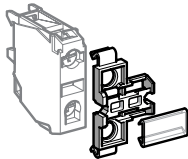
ZB4BZ1015

PF060711



ZBVB35

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

Spring clamp terminal connections (1)

Contacts for standard applications

Description	Type of contact	NO	NC	Sold in lots of	Unit reference	Weight kg/lb
Contact blocks	Single	1	–	4	ZBE1015	0.011/0.024
		–	1	4	ZBE1025	0.011/0.024
	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

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
	24 ~ (50/60 Hz)	White	4	ZBVB15	0.016/0.035
		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
	110...120 ~ (50/60 Hz)	White	4	ZBVG15	0.016/0.035
		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
	230...240 ~ (50/60 Hz)	White	4	ZBVM15	0.016/0.035
		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	ZB4BVG35	0.053/0.117
		Red	4	ZB4BVG45	0.053/0.117

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

(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 16 to 38

101191



ZB4BZ009

101257



ZB4BZ079 + ZB4BZ009

101303



ZBZ01●

XB4_632_CPSC11841C



ZBZ110

101259



ZBE701

101260



ZBE702

PF512550



ZBVB7●

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

Grounding Plate



Description	For use with	Sold in lots of	Unit reference	Weight kg/lb
Grounding plate with ground screw	Harmony XB4 metal and XALG plastic control stations	1	ZBZ110	0.017/0.037

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 V (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.

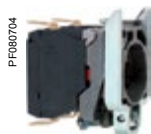
To combine with heads,
see pages 16 to 38



ZBE1023



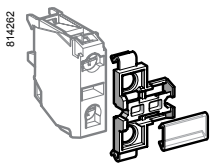
ZBE2043



ZB4BZ1043



ZBE5043



ZBZ001

Contact functions ⁽¹⁾**Faston connectors (Ø 6.35 or 2 x 2.8 mm/0.250 or 2 x 0.110 in.) (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	ZBE1013	0.011/0.024
		–	1	5	ZBE1023	0.011/0.024
	Double	2	–	5	ZBE2033	0.020/0.044
		–	2	5	ZBE2043	0.020/0.044
		1	1	5	ZBE2053	0.020/0.044
	Single with body/fixing collar	1	–	1	ZB4BZ1013 (2)	0.053/0.117
		–	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			Sold in lots of	Unit reference	Weight kg/lb
Low power switching	Single	Standard	1	–	5	ZBE10163 (2)	0.012/0.026
			–	1	5	ZBE10263 (2)	0.012/0.026
		Dusty environments (3) (IP 5X, 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
		Late break	–	1	5	ZBE2023 (2)	0.011/0.024
		NC	–	1	5	ZBE2033 (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

(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 16 to 38



ZB4BZ009



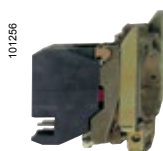
ZBE1014



ZBE1024



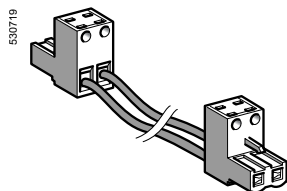
ZB4BZ1014



ZB4BZ1024



ZBVB14



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	NO	NC	Sold in lots of	Unit reference	Weight kg/lb
Contact blocks	Single	1	–	5	ZBE1014	0.011/0.024
		–	1	5	ZBE1024	0.011/0.024
	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
	110...120 ~ (50/60 Hz)	White	5	ZBVG14	0.016/0.035
		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
	230...240 ~ (50/60 Hz)	White	5	ZBVM14	0.016/0.035
		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

Protected
LED

Connecting cables and connector

Description	Number of connectors	Wire c.s.a. mm ² /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 0.5 /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.

To combine with:

Heads, see pages 19 to 35

Contacts, see page 42

PF512655



ZB4BW0...3

Complete body/contact assemblies and light blocks ⁽¹⁾

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
		NO	NC			
Direct supply						
Integral LED Protected LED	24 V~ (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 V~ (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 2 x 0.110 in.)
Please contact our Customer Care Center.

(1) Can be fitted with additional contact blocks: see page 42.

To combine with:
Heads, see pages 19 to 35
Contacts, see page 42

PF 512655



ZB4BW0...3

Complete body/contact assemblies and light blocks (continued) ⁽¹⁾						
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
		NO	NC			
Direct supply (continued)						
Integral LED	230...240 ~ (50/60 Hz)	1	–	White	ZB4BW0M11	0.064/0.141
				Green	ZB4BW0M31	0.064/0.141
				Red	ZB4BW0M41	0.064/0.141
				Orange	ZB4BW0M51	0.064/0.141
				Blue	ZB4BW0M61	0.064/0.141
		–	1	White	ZB4BW0M12	0.064/0.141
				Green	ZB4BW0M32	0.064/0.141
				Red	ZB4BW0M42	0.064/0.141
				Orange	ZB4BW0M52	0.064/0.141
				Blue	ZB4BW0M62	0.064/0.141
		2	–	White	ZB4BW0M13	0.074/0.163
				Green	ZB4BW0M33	0.074/0.163
				Red	ZB4BW0M43	0.074/0.163
				Orange	ZB4BW0M53	0.074/0.163
				Blue	ZB4BW0M63	0.074/0.163
		1	1	White	ZB4BW0M15	0.074/0.163
				Green	ZB4BW0M35	0.074/0.163
				Red	ZB4BW0M45	0.074/0.163
				Orange	ZB4BW0M55	0.074/0.163
				Blue	ZB4BW0M65	0.074/0.163

Other versions

Complete bodies with Faston connector terminals (Ø 6.35 or 2 x 2.8mm/0.250 or 2 x 0.110 in.).
Please contact our Customer Care Center.

(1) Can be fitted with additional contact blocks: see page 42.

To combine with:
Heads, see page 36
Contacts, see page 42

10/1239



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 protected LED	12 ~ (50/60 Hz)	White	ZB4BVJ1	0.054/0.119
		Green	ZB4BVJ3	0.054/0.119
		Red	ZB4BVJ4	0.054/0.119
		Orange	ZB4BVJ5	0.054/0.119
		Blue	ZB4BVJ6	0.054/0.119
	24 ~ (1) (50/60 Hz)	White	ZB4BVB1	0.054/0.119
		Green	ZB4BVB3	0.054/0.119
		Red	ZB4BVB4	0.054/0.119
		Orange	ZB4BVB5	0.054/0.119
		Blue	ZB4BVB6	0.054/0.119
	24...120 ~ (50/60 Hz)	White	ZB4BVBG1	0.054/0.119
		Green	ZB4BVBG3	0.054/0.119
		Red	ZB4BVBG4	0.054/0.119
		Orange	ZB4BVBG5	0.054/0.119
		Blue	ZB4BVBG6	0.054/0.119
	110...120 ~ (1) (50/60 Hz)	White	ZB4BVG1	0.054/0.119
		Green	ZB4BVG3	0.054/0.119
		Red	ZB4BVG4	0.054/0.119
		Orange	ZB4BVG5	0.054/0.119
		Blue	ZB4BVG6	0.054/0.119
	230...240 ~ (1) (50/60 Hz)	White	ZB4BVM1	0.054/0.119
		Green	ZB4BVM3	0.054/0.119
		Red	ZB4BVM4	0.054/0.119
		Orange	ZB4BVM5	0.054/0.119
		Blue	ZB4BVM6	0.054/0.119

(1) Complete bodies with Faston connector terminals (Ø 6.35 or 2 x 2.8mm/0.250 or 2x 0.110 in.), see page 46.

To combine with:
Heads, see page 36
Contacts, see page 42

PF512556



ZB4BVB156

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 Protected[®] LED	24 ~ (1) (50/60 Hz)	White	ZB4BVB1156	0.054/0.119
		Green	ZB4BVB3156	0.054/0.119
		Red	ZB4BVB4156	0.054/0.119
		Orange	ZB4BVB5156	0.054/0.119
		Blue	ZB4BVB6156	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 Protected[®] LED	24 ~ (50/60 Hz)	White	ZB4BV18B1	0.054/0.119
		Green	ZB4BV18B3	0.054/0.119
		Red	ZB4BV18B4	0.054/0.119
		Orange	ZB4BV18B5	0.054/0.119
		Blue	ZB4BV18B6	0.054/0.119
	110...120 ~ (50/60 Hz)	White	ZB4BV18G1	0.054/0.119
		Green	ZB4BV18G3	0.054/0.119
		Red	ZB4BV18G4	0.054/0.119
		Orange	ZB4BV18G5	0.054/0.119
		Blue	ZB4BV18G6	0.054/0.119
	230...240 ~ (50/60 Hz)	White	ZB4BV18M1	0.054/0.119
		Green	ZB4BV18M3	0.054/0.119
		Red	ZB4BV18M4	0.054/0.119
		Orange	ZB4BV18M5	0.054/0.119
		Blue	ZB4BV18M6	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 50 and 43.

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 21
Contacts, see page 42

101253



ZB4BW06●

101239





ZB4BW05●

Complete body/contact assemblies and light blocks ⁽¹⁾

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	
							
		NO	NC				
Direct supply							
BA9s base fitting bulb, 2.4 W max, not included (2)	≤ 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 2.8 mm/0.250 or 2 x 0.110 in.).
Please contact our Customer Care Center.

(1) Can be fitted with additional contact blocks: see page 42.

(2) Bulb to be ordered separately: see page 64.

To combine with:
Heads, see page 37
Contacts, see page 42

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
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Direct supply

BA 9s base fitting bulb, 2.4 W max, not included (1)	≤ 250	–	ZB4BV6	0.052/0.335
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Supply via integral transformer (1.2 VA, 6 V secondary)

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	–	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

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
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Other versions Complete bodies with Faston connector terminals (Ø 6.35 or 2 x 2.8 mm/0.250 or 2 x 0.110 in.), see page 46.

(1) Bulb to be ordered separately, see page 64.



ZB4BV6



ZB4BV●



ZB4BV156



ZBA4



ZBL2



ZBA333

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, and blue.

(2) Double injection moulded marking.

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

107360



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	ZB4BP83	10	ZBP017	0.003/0.007

Lens caps

For use with	Color	Sold in lots of	Unit reference	Weight kg/lb
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 23.

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

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

PG113818



ZBV0153

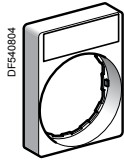
PG113819



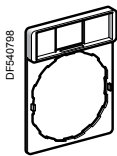
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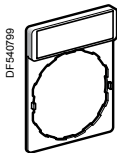
ZBZ34



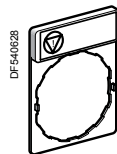
ZBYH101



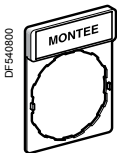
ZBZ32



ZBY101



ZBY4140




ZBY2107

Ø 30 x 40 mm legend holders (flush mounting with bezel) for Ø 8 x 27 mm 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

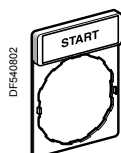
Standard Ø 30 x 40 mm legend holders for Ø 8 x 27 mm legends ⁽¹⁾

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 /0.315 x 1.063 in. legend (with International marking)	Black or Red background (2)	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 /0.315 x 1.063 in. legend (with French language marking)	Black or red background (2)	ARRET (Red background)	10	ZBY2104	0.002/0.004
			ARRET (Black background)	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 background)			10	ZBY2134	0.002/0.004	
DEFAUT (Red background)			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		

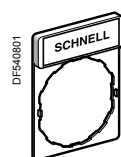
(1) For legends, see pages 58 to 60.

(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 Ø 30 x 40 mm legend holders with Ø 8 x 27 mm 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 marked legends (for Ø 30 x 40 mm 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
		DEFAUT (Black background)	10	ZBY02134	0.001/0.002
		DEFAUT (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.

DG121279



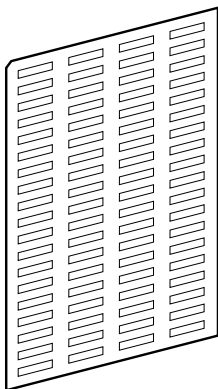
ZBY02303

DG121284



ZBY02228

814309



ZBY4100

Ø 8 x 27 mm marked legends (for Ø 30 x 40 mm 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

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).

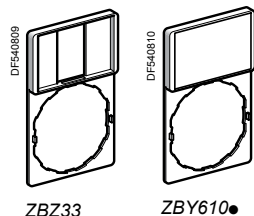
(2) For complying with EN/ISO 13850 standard, paragraph 4.4.6., Emergency stop function logo  has been added.

Control and signaling units Ø 22

Harmony XB4 metal

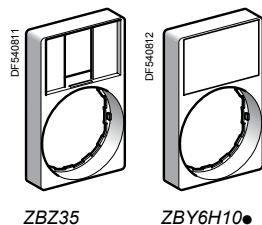
Legend holders for 18 x 27 mm legends

18 x 27 mm legends for engraving or printing



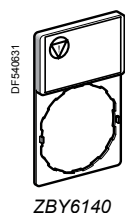
Standard Ø 30 x 50 mm legend holders for Ø 18 x 27 mm legends

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 legend holder (flush mounting with bezel) for Ø 18 x 27 mm 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 legends for engraving (for Ø 30 x 50 mm 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)

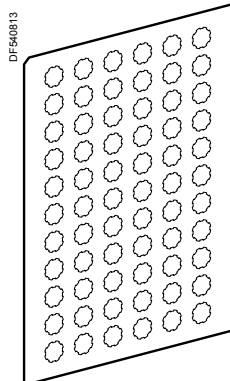
Description	For use with	Sold in lots of	Unit reference	Weight kg/lb
Sheet of 40 Ø 18 x 27 mm 10.709 x 1.063 in. legends	Ø 30 x 50 mm/1.181 x 1.968 in. legend holder ZBZ33 and ZBZ35	10	ZBY5100	0.044/0.097

(1) 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

Legends, for insertion, for printing, pre-printed, circular legends



ZBY1101

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
		↑	10	ZBY1912	0.017/0.037
	French	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
		MARCHE	10	ZBY1103	0.017/0.037
		MONTEE	10	ZBY1107	0.017/0.037
	English	HAND	10	ZBY1316	0.017/0.037
		OFF	10	ZBY1312	0.017/0.037
		ON	10	ZBY1311	0.017/0.037
		START	10	ZBY1303	0.017/0.037
	German	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


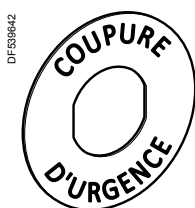
Circular yellow legends for mushroom head pushbuttons

Used for "Emergency stop" function (1)

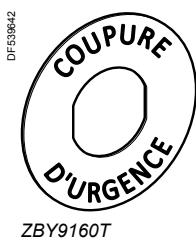
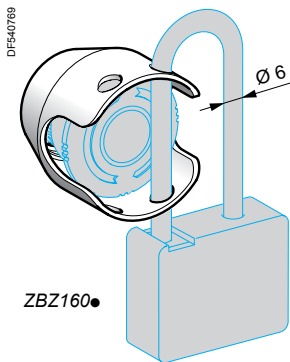
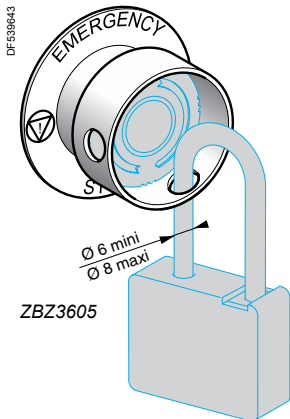
Diameter mm/in.	Conforming to standards	Marking on Yellow background	Sold in lots of	Unit Reference	Weight kg/lb
90/3.543	EN/IEC 60204-1 and EN/ISO 13850	–	10	ZBY8140	0.008/0.018
		ARRET D'URGENCE	10	ZBY8130	0.008/0.018
		EMERGENCY STOP	10	ZBY8330	0.008/0.018
		NOT-HALT	10	ZBY8230	0.008/0.018
		PARADA 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

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

ZBY9160



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
Padlocking kit (1) (2) For Emergency stop (3) and Emergency switching off function (4), (padlockable)	XB4BS844●, XB4BS9445, ZB4BS844, ZB4BS944●.	Yellow	ZBZ3605	0.045/0.099

Metal guards For Emergency stop (3) function Padlockable (2)	XB4BT8●, XB4BS8●, XB4BS9●, ZB4BT8●, ZB4BS8●, ZB4BS9●.	Chromium plated	ZBZ1600	0.046/0.101
		Black	ZBZ1602	0.046/0.101
		Red	ZBZ1604	0.046/0.101
		Blue	ZBZ1606	0.046/0.101

Description	Marking	Color	Sold in lots of	Reference	Weight kg/lb
Ø 60 mm/2.362 in. legend for padlocking device ZBZ3605 For Emergency stop function (3)	Without	Yellow	—	ZBY9140T	0.004/0.009
	ARRET D'URGENCE	Yellow	—	ZBY9130T	0.004/0.009
	EMERGENCY STOP	Yellow	—	ZBY9330T	0.004/0.009
	NOT-HALT	Yellow	—	ZBY9230T	0.004/0.009
Ø 60 mm/2.362 in. legend for padlocking device ZBZ3605 For Emergency switching off function (4)	Without	Yellow	—	ZBY9101T	0.004/0.009
	COUPURE D'URGENCE	Yellow	—	ZBY9160T	0.004/0.009
	EMERGENCY SWITCHING OFF	Yellow	—	ZBY9360T	0.004/0.009
	NOT-AUS	Yellow	—	ZBY9260T	0.004/0.009
Ø 60 mm/2.362 in. circular legend compatible with Emergency stop	-	Yellow	5	ZBY9121	0.007/0.015
	EMERGENCY STOP	Yellow	5	ZBY9320	0.007/0.015
	ARRET D'URGENCE	Yellow	5	ZBY9120	0.007/0.015
	NOT-HALT	Yellow	5	ZBY9220	0.007/0.015
	PARADA DE EMERGENCIA	Yellow	5	ZBY9420	0.007/0.015
	ARRESTO DI EMERGENZA	Yellow	5	ZBY9620	0.007/0.015

Other accessories

Description	For use with	Color	Reference	Weight kg/lb
Plastic guard	Selector switches and key switches	Black	ZBZ2102	0.005/0.011
Padlockable flaps	Pushbuttons	Black	ZB4BZ62	0.076/0.168
		Red	ZB4BZ64	0.076/0.168
		Yellow	ZB4BZ65	0.076/0.168
		Blue	ZB4BZ66	0.076/0.168

Description	Material	For use with	Color	Sold in lots of	Unit reference	Weight kg/lb
Bellows seals for harsh environments (environments subject to humidity, dust, high-pressure cleaning, etc.) IP 69K (5)	Silicone	Emergency stop/ Switching off function	Black	2	ZBZ28	0.009/0.020
		Other functions	Yellow	2	ZBZ58	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) For conformity with standards EN/IEC 60204-1 and EN/ISO 13850.

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

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

Control and signaling units Ø 22

Harmony XB4 metal

Accessories for pushbuttons



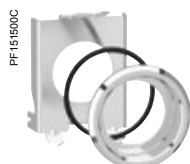
ZB4SZ3



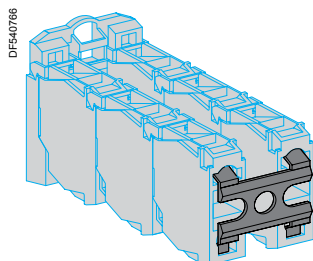
ZB4BZ007



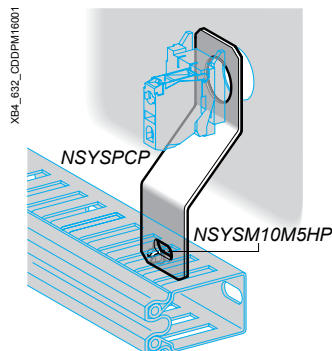
ZBSP2



ZB4BZ021



ZBZ007



Other accessories (continued)

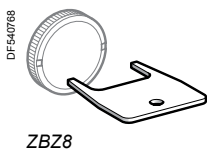
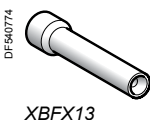
Description	For use with	Color	Sold in lots of	Unit reference	Weight kg/lb
Metal circular blanking plug (1)	Ø 22 mm/0.866 in. control and signaling units	Chromium plated	10	ZB4SZ3	0.023/0.051
		Black	10	ZB4SZ37	0.023/0.051
Plastic blanking plug (with fixing nut)	Ø 22 mm/0.866 in. control and signaling 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
Plastic protection cover IP65/IP67	Ø 22 mm/0.866 in. USB and RJ45 ports	Black	10	ZBSP1	0.002/0.004
Rigid plastic protection cover IP65/IP67	Ø 22 mm/0.866 in. USB and RJ45 ports	Transparent	1	ZBSP2	0.006/0.013
Metal protection cover IP65/IP67/IP69K	Ø 22 mm/0.866 in. USB and RJ45 ports	Silver	1	ZBSP3	0.010/0.022
Ø 30 mm/1.181 in. Flush mounting kit for pushbuttons and pilot lights	Pushbutton ZB4B● with head mounted flush with bezel	Chromium plated	1	ZB4BZ021	0.019/0.042
Ø 30 mm/1.181 in. Flush mounting kit for selector switches and illuminated pushbuttons	Pushbutton ZB4B● with head mounted flush with bezel	Chromium plated	1	ZB4BZ022	0.021/0.046
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	Attached beneath head	10	NSYSPCP	0.030/0.066

M5 x 10 screw, with hexagonal slotted head	For attaching cable ducting	100	NSYSM10M5HP	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 to be ordered separately (see page 36068/5).

(2) Restriction on use: Refer to the product instruction sheet on the Schneider Electric website, Harmony XB4 page.



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	

Control and signaling units Ø 22

Harmony XB4 metal

Accessories for pushbuttons: keys



ZBG455



ZBDLU1



ZBG455P



ZBGP



ZBDD2

Replacement keys

Description	Key number	Reference	Weight kg/lb
For latching mushroom head pushbuttons and selector switches			
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.

Schneider
Electric

ZB4BJ5	31	ZB4BL434	18	ZB4BV04	37	ZB4BVBG4	50	ZB4BW0M42	49
ZB4BJ7	31	ZB4BL435	18	ZB4BV4	53	ZB4BVBG5	50	ZB4BW0M43	49
ZB4BJ8	31	ZB4BL7340	22	ZB4BV4D1	53	ZB4BVBG6	50	ZB4BW0M45	49
ZB4BJ291	31	ZB4BL7341	22	ZB4BV4D3	53	ZB4BVG1	50	ZB4BW0M51	49
ZB4BJ292	31	ZB4BP1	17	ZB4BV4D4	53	ZB4BVG3	50	ZB4BW0M52	49
ZB4BJ294	31	ZB4BP1S	17	ZB4BV4D5	53	ZB4BVG4	50	ZB4BW0M53	49
ZB4BJ391	31		55	ZB4BV4D6	53	ZB4BVG5	50	ZB4BW0M55	49
ZB4BJ392	31	ZB4BP2	17	ZB4BV04S	37	ZB4BVG6	50	ZB4BW0M61	49
ZB4BJ393	31	ZB4BP2S	17	ZB4BV05	37	ZB4BVG35	44	ZB4BW0M62	49
ZB4BJ394	31		55	ZB4BV5	53	ZB4BVG45	44	ZB4BW0M63	49
ZB4BJ395	31	ZB4BP3	17	ZB4BV5D1	53	ZB4BVJ1	50	ZB4BW0M65	49
ZB4BJ396	31	ZB4BP3S	17	ZB4BV5D3	53	ZB4BVJ3	50	ZB4BW03D15	52
ZB4BJ397	31		55	ZB4BV5D4	53	ZB4BVJ4	50	ZB4BW03D35	52
ZB4BJ491	31	ZB4BP4	17	ZB4BV5D5	53	ZB4BVJ5	50	ZB4BW03D45	52
ZB4BJ593	31	ZB4BP4S	17	ZB4BV5D6	53	ZB4BVJ6	50	ZB4BW03D55	52
ZB4BJ792	31		55	ZB4BV05S	37	ZB4BVM1	50	ZB4BW03D65	52
ZB4BJ793	31	ZB4BP5	17	ZB4BV06	37	ZB4BVM3	50	ZB4BW04D15	52
ZB4BJ796	31	ZB4BP5S	17	ZB4BV6	53	ZB4BVM4	50	ZB4BW04D35	52
ZB4BJ891	31	ZB4BP6	17	ZB4BV06S	37	ZB4BVM5	50	ZB4BW04D45	52
ZB4BJ893	31	ZB4BP6S	17	ZB4BV07	37	ZB4BVM6	50	ZB4BW04D55	52
ZB4BJ895	31		55	ZB4BV07S	37	ZB4BW0B11	48	ZB4BW04D65	52
ZB4BK1213	35	ZB4BP18	17	ZB4BV8	53	ZB4BW0B12	48	ZB4BW05D15	52
ZB4BK1233	35	ZB4BP38	17	ZB4BV9	53	ZB4BW0B13	48	ZB4BW05D35	52
ZB4BK1243	35	ZB4BP48	17	ZB4BV013	36	ZB4BW0B15	48	ZB4BW05D45	52
ZB4BK1253	35	ZB4BP58	17	ZB4BV013E	36	ZB4BW0B31	48	ZB4BW05D55	52
ZB4BK1263	35	ZB4BP68	17	ZB4BV013S	36	ZB4BW0B32	48	ZB4BW05D65	52
ZB4BK1283	35	ZB4BP183	17	ZB4BV18B1	51	ZB4BW0B33	48	ZB4BW7A9	22
ZB4BK1313	35	ZB4BP383	17	ZB4BV18B3	51	ZB4BW0B35	48	ZB4BW7A1715	22
ZB4BK1333	35	ZB4BP483	17	ZB4BV18B4	51	ZB4BW0B41	48	ZB4BW7A1720	22
ZB4BK1343	35	ZB4BP583	17	ZB4BV18B5	51	ZB4BW0B42	48	ZB4BW7A1721	22
ZB4BK1353	35	ZB4BP683	17	ZB4BV18B6	51	ZB4BW0B43	48	ZB4BW7A1724	22
ZB4BK1363	35	ZB4BPp83	55	ZB4BV18G1	51	ZB4BW0B45	48	ZB4BW7A3740	22
ZB4BK1383	35	ZB4BR2	24	ZB4BV18G3	51	ZB4BW0B51	48	ZB4BW7A3741	22
ZB4BK1413	35	ZB4BR3	24	ZB4BV18G4	51	ZB4BW0B52	48	ZB4BW7L3740	22
ZB4BK1433	35	ZB4BR4	24	ZB4BV18G5	51	ZB4BW0B53	48	ZB4BW7L3741	22
ZB4BK1443	35	ZB4BR5	24	ZB4BV18G6	51	ZB4BW0B55	48	ZB4BW11	21
ZB4BK1453	35	ZB4BR6	24	ZB4BV18M1	51	ZB4BW0B61	48	ZB4BW11S	21
ZB4BK1463	35	ZB4BR216	24	ZB4BV18M3	51	ZB4BW0B62	48	ZB4BW13	21
ZB4BK1483	35	ZB4BR316	24	ZB4BV18M4	51	ZB4BW0B63	48	ZB4BW13S	21
ZB4BK1513	35	ZB4BR416	24	ZB4BV18M5	51	ZB4BW0B65	48	ZB4BW14	21
ZB4BK1533	35	ZB4BR516	24	ZB4BV18M6	51	ZB4BW0G11	48	ZB4BW14S	21
ZB4BK1543	35	ZB4BR616	24	ZB4BV033	36	ZB4BW0G12	48	ZB4BW15	21
ZB4BK1553	35	ZB4BS12	25	ZB4BV033E	36	ZB4BW0G13	48	ZB4BW15S	21
ZB4BK1563	35	ZB4BS22	25	ZB4BV033S	36	ZB4BW0G15	48	ZB4BW16	21
ZB4BK1583	35	ZB4BS42	25	ZB4BV043	36	ZB4BW0G31	48	ZB4BW16S	21
ZB4BK1713	35	ZB4BS52	25	ZB4BV043E	36	ZB4BW0G32	48	ZB4BW17	21
ZB4BK1733	35	ZB4BS55	25	ZB4BV043S	36	ZB4BW0G33	48	ZB4BW17S	21
ZB4BK1743	35	ZB4BS62	25	ZB4BV053	36	ZB4BW0G35	48	ZB4BW31	21
ZB4BK1753	35	ZB4BS72	25	ZB4BV053E	36	ZB4BW0G41	48	ZB4BW031	52
ZB4BK1763	35	ZB4BS834	26	ZB4BV053S	36	ZB4BW0G42	48	ZB4BW31S	21
ZB4BK1783	35	ZB4BS844	26	ZB4BV063	36	ZB4BW0G43	48	ZB4BW33	21
ZB4BK1813	35	ZB4BS864	26	ZB4BV063E	36	ZB4BW0G45	48	ZB4BW33S	21
ZB4BK1833	35	ZB4BS934	26	ZB4BV063S	36	ZB4BW0G51	48	ZB4BW34	21
ZB4BK1843	35	ZB4BS944	26	ZB4BV083	36	ZB4BW0G52	48	ZB4BW34S	21
ZB4BK1853	35	ZB4BS964	26	ZB4BV083E	36	ZB4BW0G53	48	ZB4BW35	21
ZB4BK1863	35	ZB4BT2	25	ZB4BV083S	36	ZB4BW0G55	48	ZB4BW035	52
ZB4BK1883	35	ZB4BT84	26	ZB4BV156	53	ZB4BW0G61	48	ZB4BW35S	21
ZB4BL1	16	ZB4BT844	26	ZB4BVB1	50	ZB4BW0G62	48	ZB4BW36	21
ZB4BL2	16	ZB4BV01	37	ZB4BVB3	50	ZB4BW0G63	48	ZB4BW36S	21
ZB4BL3	16	ZB4BV01S	37	ZB4BVB4	50	ZB4BW0G65	48	ZB4BW37	21
ZB4BL4	16	ZB4BV003	36	ZB4BVB5	50	ZB4BW0M11	49	ZB4BW37S	21
ZB4BL5	16	ZB4BV03	37	ZB4BVB6	50	ZB4BW0M12	49	ZB4BW041	52
ZB4BL6	16	ZB4BV3	53	ZB4BVB1156	51	ZB4BW0M13	49	ZB4BW045	52
ZB4BL232	18	ZB4BV3D1	53	ZB4BVB3156	51	ZB4BW0M15	49	ZB4BW051	52
ZB4BL233	18	ZB4BV3D3	53	ZB4BVB4156	51	ZB4BW0M31	49	ZB4BW055	52
ZB4BL234	18	ZB4BV3D4	53	ZB4BVB5156	51	ZB4BW0M32	49	ZB4BW061	52
ZB4BL235	18	ZB4BV3D5	53	ZB4BVB6156	51	ZB4BW0M33	49	ZB4BW062	52
ZB4BL432	18	ZB4BV3D6	53	ZB4BVBG1	50	ZB4BW0M35	49	ZB4BW063	52
ZB4BL433	18	ZB4BV03S	37	ZB4BVBG3	50	ZB4BW0M41	49	ZB4BW065	52

ZB4BW113	20	ZB4BZ1013	46	ZBA7232	23	ZBG455	65	ZBVB8	43
ZB4BW113S	20	ZB4BZ1014	47	ZBA7233	23	ZBG455P	65	ZBVB14	47
ZB4BW133	20	ZB4BZ1015	44	ZBA7235	23	ZBG458A	65	ZBVB15	44
ZB4BW133S	20	ZB4BZ1023	46	ZBA7237	23	ZBG458AP	65	ZBVB17	45
ZB4BW143	20	ZB4BZ1024	47	ZBA7331	23	ZBG520E	65	ZBVB34	47
ZB4BW143S	20	ZB4BZ1025	44	ZBA7333	23	ZBG520EP	65	ZBVB35	44
ZB4BW153	20	ZB4BZ1033	46	ZBA7335	23	ZBG2201	40	ZBVB37	45
ZB4BW153S	20	ZB4BZ1034	47	ZBA7336	23	ZBG2401	40	ZBVB44	47
ZB4BW163	20	ZB4BZ1035	44	ZBA7432	23	ZBG3131A	65	ZBVB45	44
ZB4BW163S	20	ZB4BZ1043	46	ZBD8D1	65	ZBG3131AP	65	ZBVB47	45
ZB4BW183	20	ZB4BZ1044	47	ZBDA185	65	ZBG4201	40	ZBVB54	47
ZB4BW183S	20	ZB4BZ1045	44	ZBDD2	65	ZBG4401	40	ZBVB55	44
ZB4BW313	20	ZB4BZ1053	46	ZBDLU1	65	ZBGK	65	ZBVB57	45
ZB4BW313S	20	ZB4BZ1054	47	ZBDLU2	65	ZBGP	65	ZBVB64	47
ZB4BW333	20	ZB4BZ1055	44	ZBDLU3	65	ZBL1	54	ZBVB65	44
ZB4BW333S	20	ZB4BZ1414	47	ZBDLU4	65	ZBL2	54	ZBVB67	45
ZB4BW343	20	ZB4SZ3	63	ZBDLU5	65	ZBL3	54	ZBVBG1	43
ZB4BW343S	20	ZB4SZ37	63	ZBDLU6	65	ZBL4	54	ZBVBG3	43
ZB4BW353	20	ZB5SZ3	63	ZBDLU7	65	ZBL5	54	ZBVBG4	43
ZB4BW353S	20	ZBA1	54	ZBDLU8	65	ZBL6	54	ZBVBG5	43
ZB4BW363	20	ZBA2	54	ZBDLU9	65	ZBL9	54	ZBVBG6	43
ZB4BW363S	20	ZBA3	54	ZBDLU10	65	ZBL138	54	ZBVG1	43
ZB4BW383	20	ZBA4	54	ZBDLU11	65	ZBP0	55	ZBVG3	43
ZB4BW383S	20	ZBA5	54	ZBDLU12	65	ZBP0A	55	ZBVG4	43
ZB4BW413	24	ZBA6	54	ZBDLU13	65	ZBP011	55	ZBVG5	43
ZB4BW433	24	ZBA9	54	ZBDLU14	65	ZBP012	55	ZBVG6	43
ZB4BW443	24	ZBA71	23	ZBE000	63	ZBP013	55	ZBVG8	43
ZB4BW453	24	ZBA72	23	ZBE101	42	ZBP014	55	ZBVG14	47
ZB4BW463	24	ZBA73	23	ZBE102	42	ZBP015	55	ZBVG15	44
ZB4BW513	20	ZBA74	23	ZBE201	42	ZBP016	55	ZBVG34	47
ZB4BW533	20	ZBA75	23	ZBE202	42	ZBP017	55	ZBVG35	44
ZB4BW543	20	ZBA76	23	ZBE203	42	ZBPA	55	ZBVG44	47
ZB4BW553	20	ZBA131	54	ZBE204	42	ZBSP1	63	ZBVG45	44
ZB4BW563	20	ZBA133	54	ZBE205	42	ZBSP2	63	ZBVG54	47
ZB4BW583	20	ZBA136	54	ZBE501	42	ZBSP3	63	ZBVG55	44
ZB4BW613	25	ZBA137	54	ZBE502	42	ZBV5B	43	ZBVG64	47
ZB4BW633	25	ZBA141	54	ZBE503	42	ZBV6	53	ZBVG65	44
ZB4BW643	26	ZBA142	54	ZBE504	42	ZBV011	55	ZBVJ1	43
ZB4BW653	25	ZBA145	54	ZBE505	42	ZBV013	55	ZBVJ3	43
ZB4BW663	25	ZBA232	54	ZBE701	45	ZBV014	55	ZBVJ4	43
ZB4BW913	20	ZBA233	54	ZBE702	45	ZBV015	55	ZBVJ5	43
ZB4BW933	20	ZBA234	54	ZBE1013	46	ZBV016	55	ZBVJ6	43
ZB4BW943	20	ZBA235	54	ZBE1014	47	ZBV017	55	ZBVJ15	44
ZB4BW953	20	ZBA245	54	ZBE1015	44	ZBV18B1	43	ZBVJ35	44
ZB4BW963	20	ZBA331	54	ZBE1016	42	ZBV18B3	43	ZBVJ45	44
ZB4BW983	20	ZBA333	54	ZBE1016P	42	ZBV18B4	43	ZBVJ55	44
ZB4BX2	25	ZBA334	54	ZBE1016P3	46	ZBV18B5	43	ZBVJ65	44
ZB4BX84	26	ZBA335	54	ZBE1023	46	ZBV18B6	43	ZBVM1	43
ZB4BZ007	63	ZBA336	54	ZBE1024	47	ZBV18G1	43	ZBVM3	43
ZB4BZ009	42	ZBA337	54	ZBE1025	44	ZBV18G3	43	ZBVM4	43
	44	ZBA338	54	ZBE1026	42	ZBV18G4	43	ZBVM5	43
	45	ZBA341	54	ZBE1026P	42	ZBV18G5	43	ZBVM6	43
	47	ZBA342	54	ZBE1026P3	46	ZBV18G6	43	ZBVM8	43
ZB4BZ012	63	ZBA343	54	ZBE2013	46	ZBV18M1	43	ZBVM14	47
ZB4BZ021	63	ZBA344	54	ZBE2023	46	ZBV18M3	43	ZBVM15	44
ZB4BZ022	63	ZBA346	54	ZBE2033	46	ZBV18M4	43	ZBVM34	47
ZB4BZ62	62	ZBA432	54	ZBE2043	46	ZBV18M5	43	ZBVM35	44
ZB4BZ64	62	ZBA433	54	ZBE2053	46	ZBV18M6	43	ZBVM44	47
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