

Control and signaling units Ø 22

Harmony[®] XB4 metal

Catalog

January 2013



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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 ■ Emergency switching off pushbuttons ■ Selector switches and key switches ■ Illuminated pushbuttons ■ Pilot lights				Fingerprint readers biometric switches 24V ---			
Features	Products	Monolithic, compact, low consumption		Complete units or sub-assemblies (body + head)				Monolithic					
	Bezel	Double insulated		Metal, chromium plated or black		Double insulated		Double insulated, dark gray					
	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 69K (Selector switches and key switches, multiple-headed pushbuttons and Emergency Stop pushbuttons with bellows)		IP 65 (control button)					
	Conforming to UL 508 and CSA C22-2 N° 14	—		Enclosure type 4, 4X and 13				Enclosure type 12					
Cabling		Tags for Ø 2.8 x 0.5 mm/0.110 x 0.020 in. connectors or threaded connector		Faston connectors Solder pins for printed circuit boards		Spring clamp terminal connections Screw clamp terminal connections Faston connectors Connector With adaptor for printed circuit board		Cable or connectors					
Mounting	Panel thickness	Ø 1...8 mm/0.039...0.315 in.		Ø 1...6 mm/0.039...0.236 in.									
Type references		XVLA		XB6		XB4		XB5		XB5S			

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

Wireless and batteryless pushbuttons		Pushbuttons, selector switches and pilot lights		Joystick controllers		Pushbuttons, selector switches and pilot lights		Cam switches	
									
■ Wireless and batteryless pushbuttons ■ Configurable receivers ■ Relay-antenna ■ Mobile handy box or plastic boxes for wall mounting		■ Pushbuttons ■ Emergency Stop and Emergency switching off pushbuttons ■ Selector switches and key switches ■ Illuminated pushbuttons ■ Pilot lights		■ 2 or 4 direction ■ Stay put or spring return		■ Pushbuttons ■ Emergency Stop buttons ■ Selector switches and key switches ■ Illuminated pushbuttons ■ Pilot lights		■ 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 (1) and «components» range		Monolithic		Complete units or sub-assemblies (body + head with lever)		Complete units or sub-assemblies (body + head)		Complete units or sub-assemblies (body + front panel + head)	
Metal, chromium plated or double insulated, black		Double insulated, dark gray (or white for pilot lights)		Metal, chromium plated		Double insulated, black		Metal, chromium plated or double insulated, black	
Transmitter with circular head		Circular		Circular		Hexagonal		Square	
Ø 22 mm/0.866 in.						Ø 30 mm/1.181 in.		Ø 16 or Ø 22 mm/0.630 or 0.866 in.: series K10 Ø 22 mm/0.866 in. and multifixing: series K1/K2 4 holes, 48 or 68 centres: series K30...K150	
IP 65		IP 65 (control buttons and pilot lights) IP 54 (Emergency switching off pushbuttons)		IP 65 IP 66 IP 65		IP 66		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					
Ø 1...6 mm/0.039...0.236 in.								Ø 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	

Presentation

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

■ This range includes:

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

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

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

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

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

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

■ Innovative complementary offers are also available:

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

Installation

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

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

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

Environment

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

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

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

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

For more technical information, please refer to our website www.schneider-electric.com.

Control and signaling units Ø 22

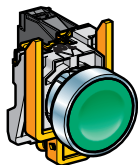
Harmony® XB4, metal

Pushbuttons, switches and pilot lights

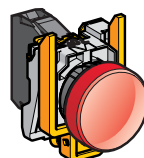
Description

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

Complete units XB4B, with chromium plated metal bezel

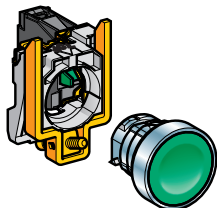


Pushbuttons and switches

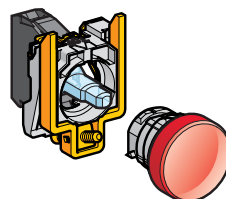


Pilot lights

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

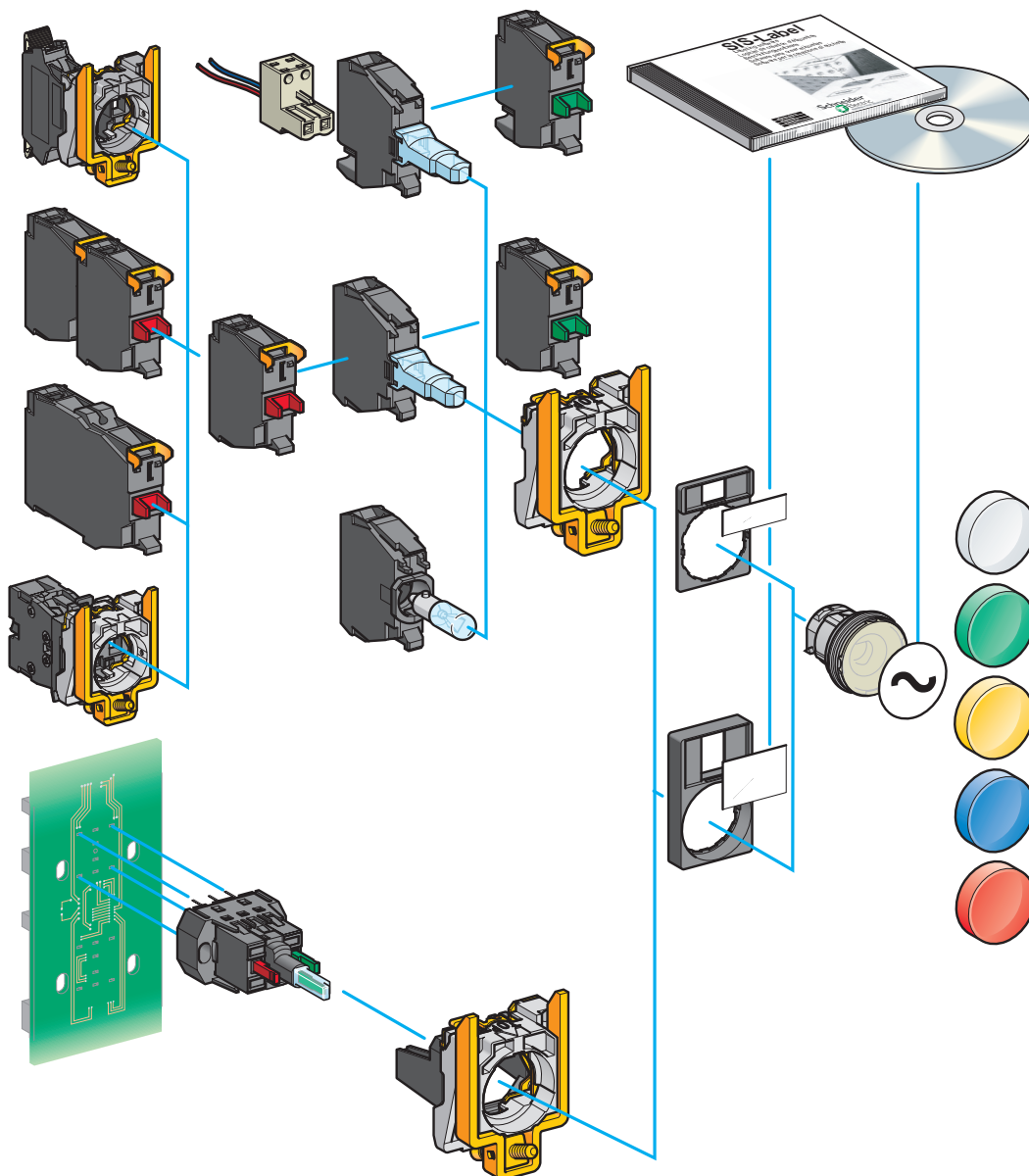


Pushbuttons and switches:
body + head
sub-assemblies



Pilot lights:
body + head
sub-assemblies

Component parts and accessories, ZB



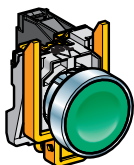
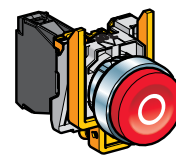
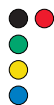
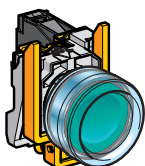
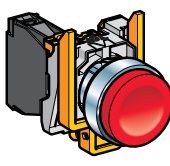
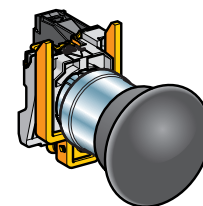
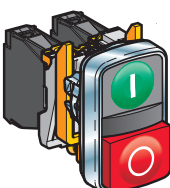
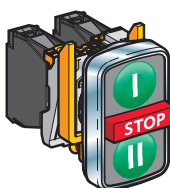
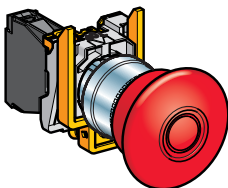
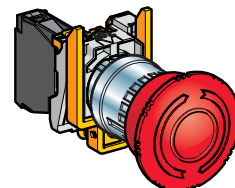
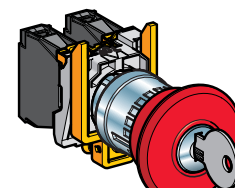
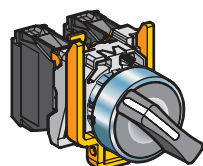
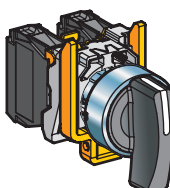
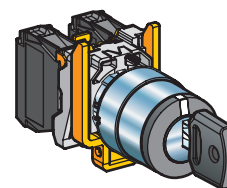
Control and signaling units Ø 22

Harmony® XB4, metal

Pushbuttons, switches and pilot lights:
complete units, XB4B

Complete units

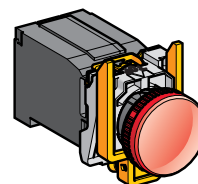
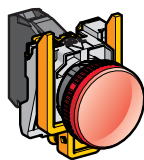
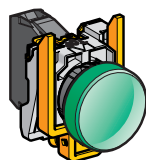
Contact functions

Pushbuttons, spring return,
with chromium plated metal
bezelFlush push, unmarked
XB4BA•1/BA42
see page 14Flush push, with marking
XB4BA3311
see page 16Projecting push, with marking
XB4BL4322
see page 16Booted flush push
XB4BP•1/BP42
see page 15Projecting push, unmarked
XB4BL42
see page 14Ø 40 mm/
1.57 in.Mushroom head
XB4BC21
see page 22Multiple-headed
pushbuttons, spring return,
with chromium plated metal
bezelDouble-headed
XB4BL73415
see page 20Triple-headed
XB4BA731327/XB4BA711237
see page 21Emergency Stop or
Emergency switching off
mushroom head
pushbuttons, Ø 40 mm/1.57
in., with chromium plated
metal bezelØ 40 mm/
1.57 in.Emergency stop trigger
action and mechanical
latchingPush-pull (EN/ISO 13850)
XB4BT845
see page 24Ø 40 mm/
1.57 in.Turn to release (EN/ISO 13850)
XB4BS844•
see page 24Ø 40 mm/
1.57 in.Key release (EN/ISO 13850)
XB4BS9445
see page 24Emergency switching off
mechanical latchingPush-pull (IEC 60364-5-53)
XB4BT42
see page 25Turn to release (IEC 60364-5-53)
XB4BS542
see page 25Key release (IEC 60364-5-53)
XB4BS142
see page 25Selector switches and key
switches, with chromium
plated metal bezelStandard handle, black
XB4BD••
see page 28Long handle, black
XB4BJ••
see page 29Key switch
XB4BG••
see page 30

Complete units

Signaling functions

Pilot lights



Integral LED

XB4BVB●/BVG●/BVM●
see page 34

For bulb with BA 9s base fitting
Direct supply

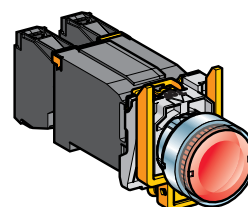
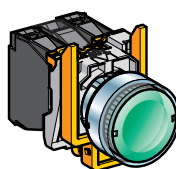
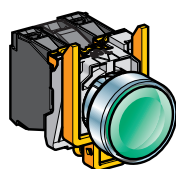
XB4BV6●
see page 35

Via integral transformer with secondary

XB4BV3●/BV4●
see page 35

Combined functions (contact + signaling)

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



Integral LED

XB4BW3●B5/BW3●G5/BW3●M5
see page 17

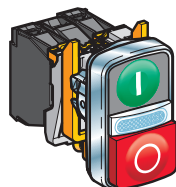
For bulb with BA 9s base fitting
Direct supply

XB4BW3●65
see page 19

Via integral transformer

XB4BW3●35/BW3●45
see page 19

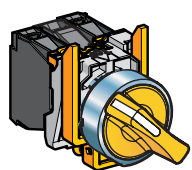
Double-headed pushbuttons + pilot light block, spring return, chromium plated metal bezel



Integral LED

XB4BW73731●5
see page 20

Illuminated selector switches with standard handle, chromium plated metal bezel

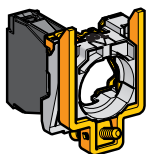
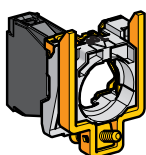
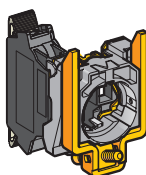


Integral LED

XB4BK12●●5, XB4BK13●●5
see page 32

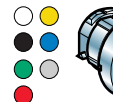
Control and signaling units Ø 22

Harmony® XB4, metal

Pushbuttons, switches and pilot lights:
sub-assemblies, ZB4BNon illuminated units
for user assemblyFor pushbuttons,
spring return, unmarkedBody
sub-assembliesScrew clamp
terminals
ZB4BZ10●/BZ141
see page 38Faston
ZB4BZ10●3
see page 42For pushbuttons,
spring return, with markingSpring clamp
terminals
ZBE10●5
ZB4BZ10●5
see page 40For multiple-headed
pushbuttons, spring returnFor "push-push to release"
pushbuttons

Contact functions

Head sub-assemblies, chromium plated or black metal bezel

Flush push
without cap
ZB4BA0
see page 14Flush push
with set of 6 caps
ZB4BA9
see page 14Flush push
ZB4BA●
see page 14Flush push for
insertion of legend
ZB4BA●8
see page 14Projecting push
ZB4BL●
see page 14Recessed push
ZB4BA●6
see page 15Booted flush/
projecting push
ZB4BP●/ BP●S
see page 15Booted flush push
for insertion of legend
ZB4BP●8
see page 15Flush push
ZB4BA●3●/BA●4●
ZB4BA334/335
see page 16Projecting push
ZB4BL●3●
see page 16Double-headed
pushbuttons
ZB4BA7●●●
ZB4BA79
ZB4BL734●
see page 20Triple-headed pushbuttons
ZB4BA7313●
ZB4BA711●●
ZB4BA72124
ZB4BA791
see page 21Flush push
ZB4BH0●
see page 26Projecting push
ZB4BH●
see page 26

Control and signaling units Ø 22

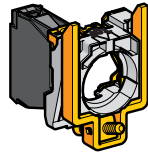
Harmony® XB4, metal

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

Non illuminated units for user assembly (continued)

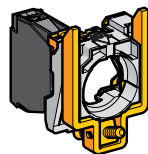
Contact functions

For mushroom head
pushbuttons



Screw clamp terminals
ZB4BZ10●/BZ141
see page 38

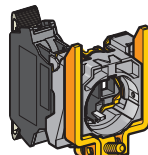
For Emergency Stop or
Emergency switching off
mushroom head pushbuttons



Faston
ZB4BZ10●3
see page 42

Emergency stop trigger
action and mechanical
latching

Emergency switching off
mechanical latching



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

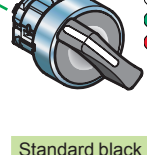
Emergency stop trigger
action and mechanical
latching

Emergency switching off
mechanical latching

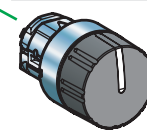
For selector switches
and key switches



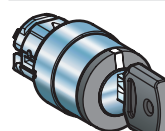
Standard black
handle (1)
ZB4BD●
see page 28



Long black handle
(1)
ZB4BJ●
see page 29

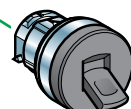


Knurled black knob
(1)
ZB4BD●9
see page 31



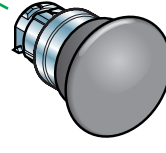
Key switch (2)
ZB4BG●●/
BG●TEC10
see page 30

For toggle switches

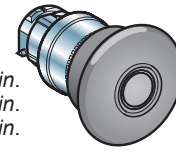


2-position lever (3)
ZB4BD●8, see page 31

Head sub-assemblies, chromium plated or black metal bezel



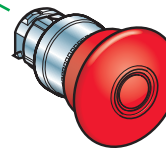
Ø 30 mm/1.181 in.
Ø 40 mm/1.575 in.
Ø 60 mm/2.362 in.



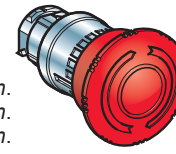
Ø 30 mm/1.181 in.
Ø 40 mm/1.575 in.
Ø 60 mm/2.362 in.

Spring return
ZB4BC●/BR●
see page 22

Latching
ZB4B●2/BS●2/BS55
see page 23



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



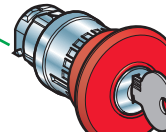
Ø 30 mm/1.181 in.
Ø 40 mm/1.575 in.
Ø 60 mm/2.362 in.

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

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

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

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

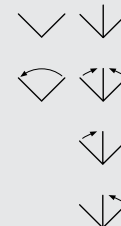


Ø 30 mm/1.181 in.
Ø 40 mm/1.575 in.
Ø 60 mm/2.362 in.

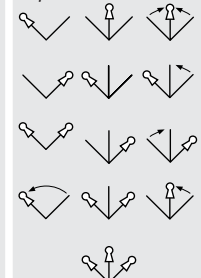
Key release (EN/ISO 13850)
ZB4BS9●4
see page 24

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

(1) Switch handle
and knob positions



(2) Key switch
positions
Key withdrawal
positions



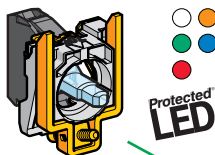
(3) Lever positions



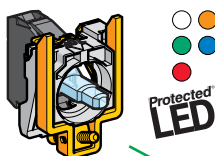
Pilot lights for user assembly

Signaling functions

Body sub-assemblies with integral LED



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

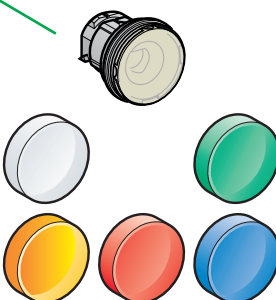


Connection: plug-in
connector
**ZB4BVB●4/BVG●4/
BVM●4**
please consult our
Customer Care Centre

Head sub-assemblies



With lens fitted
ZB4BV0●3
see page 34

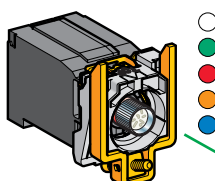


With 5 separate lenses, not fitted
ZB4BV003
see page 34

Body sub-assemblies for BA 9s bulb



Direct supply
Connection: screw
clamp terminals
ZB4BV6
see page 49



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

Head sub-assemblies



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

Control and signaling units Ø 22

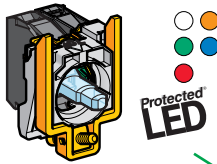
Harmony® XB4, metal

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

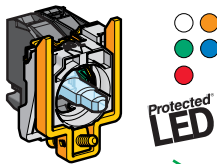
Illuminated pushbuttons for user assembly

For illuminated pushbuttons, spring return

Body sub-assemblies with integral LED

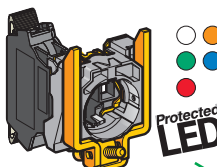


Screw clamp terminals
ZB4BW0B●●/BW0G●●/
BW0M●●
see page 44



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

For illuminated double-headed pushbuttons, spring return

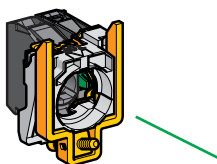


Spring clamp terminals
ZBV●●●
see page 40

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 48

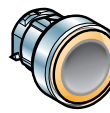
For illuminated pushbuttons, spring return

Combined functions (contact + signaling)

Head sub-assemblies, chromium plated or black metal bezel



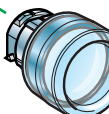
Flush push
ZB4BW3●3
see page 18



Flush push with
illuminated ring
ZB4BW9●3
see page 18



Flush push for insertion of legend
ZB4BA●8
see page 18



Booted flush push
ZB4BW5●3
see page 18



Projecting push
ZB4BW1●3,
ZB4BW1●3S
see page 18



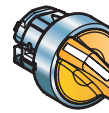
Mushroom head, spring return
ZB4BW4●3
see page 22



Double-headed (flush/flush push) + central pilot light
Double-headed (flush/projecting push) + central pilot light
ZB4BW7A17●● / ZB4BW7A374● / ZB4BW7A9, see page 20
ZB4BW7L374●, see page 20



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



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

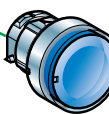


Mushroom head, latching
ZB4BW6●3
see page 23



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

Head sub-assemblies, chromium plated or black metal bezel



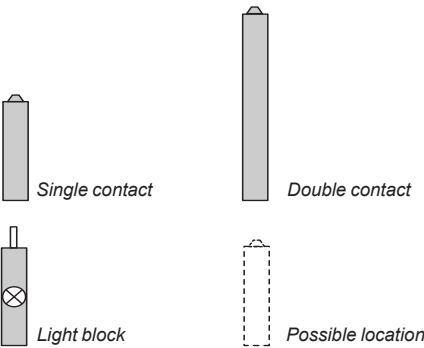
Flush push
ZB4BW3●,
ZB4BW3●S
see page 19



Projecting push
ZB4BW1●,
ZB4BW1●S
see page 19

Maximum recommended configurations guaranteeing achievement of catalog characteristics

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

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
Push	Position	Top	Bottom
	Location		
	State		
	Contacts		
L left, C centre, R right			
□ open, ■ closed			

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

Pushbuttons with flush push (1)**Screw clamp terminal connections (Schneider Electric anti-loosening system)**

Shape of head	Type of push	Type of contact		Color of push	Reference	Weight kg/lb
						
		N/O	N/C			
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
	Flush with transparent cap for insertion of legend (4)			Gray	ZB4BA8	0.029/0.064
				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
						
		N/O	N/C			
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 + contact) associated with the head, see page 12.

(2) Colored cap to be ordered separately: see page 50.

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

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

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

Control and signaling units Ø 22

Harmony® XB4, metal

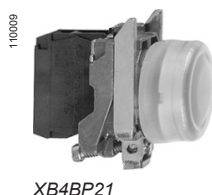
Spring return pushbuttons, unmarked



Pushbuttons with recessed push (1)

High guard

Shape of head	Type of push	Color	Reference	Weight kg/lb
Heads only				
	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
		N/O	N/C			
Complete units						
	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 + contact) associated with the head, see page 12.

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

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

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

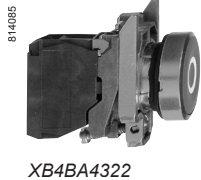


Assembly of other products using:
body/contact assemblies: see page 38
accessories: see page 50

Control and signaling units Ø 22

Harmony® XB4, metal

Spring return pushbuttons, with marking



Pushbuttons with flush or projecting push ⁽¹⁾							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
Shape of head	Type of push	Type of contact		Marking Text (color)	Color of push	Reference	Weight kg/lb
		N/O	N/C				
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
				↑ (black) (2)	White	ZB4BA334	0.029/0.064
				↓ (white) (2)	Black	ZB4BA335	0.029/0.064
	Projecting			"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 + contact) associated with the head, see page 12.
(2) Product supplied with cap not clipped-in, allowing orientation through 360° in 90° steps.

▲ Available: 4th quarter 2012.

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

Control and signaling units Ø 22

Harmony® XB4, metal

Illuminated pushbuttons, spring return, with integral LED

Illuminated pushbuttons with flush push ⁽¹⁾							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
Shape of head	Description	Type of contact		Supply voltage V	Color of push	Reference	Weight kg/lb
							
		N/O	N/C				
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 + contact) associated with the head, see page 12.

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

Control and signaling units Ø 22

Harmony® XB4, metal

Illuminated pushbuttons, spring return, with integral LED

814234



ZB4BW333

814235



ZB4BW563

814236



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
		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
		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
		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
		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
		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
		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
		Blue	ZB4BW163S	0.026/0.057

Heads with black metal bezel

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

Example 1: ZB4BW313 becomes ZB4BW3137.

Example 2: ZB4BW313S becomes ZB4BW313S7.

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

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

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

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

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

Control and signaling units Ø 22

Harmony® XB4, metal

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

Illuminated pushbuttons with flush push (1)

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

Shape of head	Description	Type of contact		Supply voltage V	Color of push	Reference	Weight kg/lb
							
		N/O	N/C				

Complete units - With plain lens

	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
					Green	XB4BW3345 (ZB4BW045 + ZB4BW33)	0.170/0.375
					Red	XB4BW3445 (ZB4BW045 + ZB4BW34)	0.170/0.375
					Orange	XB4BW3545 (ZB4BW045 + ZB4BW35)	0.170/0.375
				~220...240 60 Hz	White	XB4BW3145 (ZB4BW045 + ZB4BW31)	0.170/0.375
					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

	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

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

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

(2) Only for use with bodies comprising a light source with 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 38
combined sub-assemblies: see page 44

Control and signaling units Ø 22

Harmony® XB4 metal

Multiple-headed pushbuttons, spring return



XB4BL73415



ZB4BA7121



ZB4BL7341



XB4BW737315



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
		N/O	N/C			

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 background + black background, unmarked	ZB4BA7120	0.056/0.123
				Black "I" on white background White "O" on black background	ZB4BA7121	0.056/0.123
				Green background + 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 background + 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
		N/O	N/C				

Complete units

	1 flush black push 1 projecting red push 1 white central pilot light block	1	1	White "I" on green background White "O" on red background	24	XB4BW73731B5	0.130/0.287
					120	XB4BW73731G5	0.130/0.287
					240	XB4BW73731M5	0.130/0.287

Protected LED

Heads only (5)

	2 flush black pushes 1 clear central pilot light (4)			White background + black background, unmarked		ZB4BW7A1720	0.056/0.123
				Black "I" on white background White "O" on black background		ZB4BW7A1721	0.056/0.123
				Green background + 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 background + red background, unmarked		ZB4BW7L3740	0.056/0.123
				White "I" on green background White "O" on red background		ZB4BW7L3741	0.056/0.123

Protected LED

Heads with black metal bezel

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

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

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

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

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

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

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

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
		N/O	N/C	N/O			

Complete units

	2 flush black pushes + 1 central projecting red push marked "Stop" in white	1	1	1	White "I" on green background White "II" on green background	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	ZBA73	0.010/0.022
		"I" white	10	ZBA7331	0.010/0.022
		"+" white	10	ZBA7333	0.010/0.022
		"↑" white	10	ZBA7335	0.010/0.022
	Red	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 + contact) associated with the head, see page 12.

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

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

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

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

(6) Can be replaced without dismantling the head.

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

Control and signaling units Ø 22

Harmony® XB4, metal

Mushroom head pushbuttons, spring return



XB4BC21



ZB4BC24



ZB4BC2



ZB4BR2



ZB4BR216



ZB4BW443

Mushroom head pushbuttons (1) (2)

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

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

Complete units

	Mushroom head	1	—	40/1.575	Black	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

Protected
LED

Heads with black metal bezel

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

Example: **ZB4BC24** becomes **ZB4BC247**.

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

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

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

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

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

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

Control and signaling units Ø 22

Harmony® XB4, metal

Mushroom head pushbuttons, latching

Mushroom head pushbuttons (1) (2)

Shape of head	Type of reset	Push Ø (mm/in.)	Color	Reference	Weight kg/lb
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 n° 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 + contact) associated with the head, see page 12.

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

(4) Other key numbers:

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

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

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

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

Example: To order a Ø 40 black mushroom head for a latching pushbutton, with release by key n° 421E, the reference becomes: **ZB4BS1212**.

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

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

Control and signaling units Ø 22

Harmony® XB4, metal

Emergency stop devices

Conforming to EN/IEC 60204-1 and

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

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

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

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

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

Complete units

 XB4BT845		Push-pull	1	1	40/1.575	Red	XB4BT845 (ZB4BZ105 + ZB4BT84)	0.136/0.300
		Turn to release	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	XB4BS84441 (ZB4BZ141 + ZB4BS844)	0.140/0.309/1.575
 XB4BS9445		Key release (key n° 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 n° 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

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

For use in	Material	Color	Sold in lots of	Unit reference	Weight kg/lb
Environments subject to humidity, dust, high pressure cleaning, etc.	Silicone	Red	2	ZBZ48	0.009/0.020
	EPDM	Black	2	ZBZ28	0.009/0.020
		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) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 12.

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

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

(4) Other key numbers:

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

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

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

(6) Not compatible with Ø 30 pushbutton.

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

Control and signaling units Ø 22

Harmony® XB4, metal

Emergency switching off devices

Conforming to IEC 60364-5-53

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

Emergency switching off, mechanical latching pushbuttons ⁽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		
Complete units							
	Push-pull	—	1	40/1.575	Red	XB4BT42 (ZB4BZ102 + ZB4BT4)	0.125/0.276
	Turn to release	—	1	40/1.575	Red	XB4BS542 (ZB4BZ102 + ZB4BS54)	0.118/0.260
	Key release (key n° 455)  (3)	—	1	40/1.575	Red	XB4BS142 (ZB4BZ102 + ZB4BS14)	0.133/0.293
Heads only							
	Push-pull			30/1.181	Red	ZB4BT44	0.077/0.170
				40/1.575	Red	ZB4BT4	0.077/0.170
				60/2.362	Red	ZB4BX4	0.095/0.209
	Turn to release			30/1.181	Red	ZB4BS44	0.066/0.146
				40/1.575	Red	ZB4BS54	0.070/0.154
				60/2.362	Red	ZB4BS64	0.090/0.198
	Key release (key n° 455) 2 keys included with head (5)  (3)			30/1.181	Red	ZB4BS74	0.066/0.146
				40/1.575	Red	ZB4BS14 (4)	0.070/0.154
				60/2.362	Red	ZB4BS24	0.090/0.198

Illuminated Emergency switching off, mechanical latching pushbuttons ⁽¹⁾

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

Shape of head	Type of reset	Push	Color	Reference	Weight kg/lb
Heads only ⁽⁶⁾					
	Push-pull	40/1.575	Red	ZB4BW643	0.051/0.112

Heads with black metal bezel

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

Example: **ZB4BT4** becomes **ZB4BT47**.

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

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

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

(4) Other key numbers:

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

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

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

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

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

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

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

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

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

814154



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

523702



ZB4BH6

Heads with black metal bezel

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

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

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

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

Control and signaling units Ø 22

Harmony® XB4, metal

Illuminated pushbuttons, push-push, with integral LED

814249



ZB4BH033

Illuminated pushbuttons with flush push ⁽¹⁾				
Shape of head	Type of push	Color of lens	Reference	Weight kg/lb
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
		Blue	ZB4BH063	0.026/0.057

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
		Blue	ZB4BH63	0.026/0.057

814250



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 + contact) associated with the head, see page 12.

(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

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
		 N/O	 N/C	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 12.

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

Control and signaling units Ø 22

Harmony® XB4, metal

Selector switches with long handle: normal and padlockable

Selector switches with long handle ⁽¹⁾

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

Shape of head	Type of operator	Type of contact		Positions		Reference	Weight kg/lb
				Number	Type		
		N/O	N/C				

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
						 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 12.

(2) The symbol  indicates the padlocking positions.

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

Control and signaling units Ø 22

Harmony® XB4, metal

Key switches

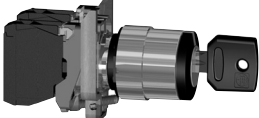
Key n° 455, 421E, 458A, 520E, 3131A

Key switches (1) (2)

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

Shape of head	Type of operator	Type of contact	Positions		Reference	Weight kg/lb
			Number	Type		
						
		N/O				
						
		N/C				

Complete units

		Key switch with key n° 455	1	—	2-position 90°	Stay put		XB4BG21 (ZB4BZ101 + ZB4BG2)	0.153/0.337
						Spring return to left		XB4BG41 (ZB4BZ101 + ZB4BG4)	0.153/0.337
						Spring return to right		XB4BG61 (ZB4BZ101 + ZB4BG6)	0.153/0.337
						Stay put		XB4BG03 (ZB4BZ103 + ZB4BG0)	0.153/0.337
		2	—	3-position ± 45°	Stay put			XB4BG33 (ZB4BZ103 + ZB4BG3)	0.153/0.337

Heads only

		Key switch with key n° 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
							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 + contact) associated with the head, see page 12.

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

(3) Other key numbers:

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

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

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

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

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

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

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

Control and signaling units Ø 22

Harmony® XB4, metal

Key switches with key TEC10

Selector switches with knurled knob - Toggle switches

Key switches with key TEC10						
Shape of head	Type of operator	Positions 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 + contact) associated with the head, see page 12.

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

Control and signaling units Ø 22

Harmony® XB4, metal

Illuminated selector switches with standard handle,
with integral LED

Illuminated selector switches with standard handle, with integral LED ⁽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
		 N/O	 N/C				
Complete units							
 	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 + contact) associated with the head, see page 12.

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

Control and signaling units Ø 22

Harmony® XB4, metal

Illuminated selector switches with standard handle,
with integral LED

Illuminated selector switches with standard handle, with integral LED <i>(continued)</i> (1)							
Shape of head	Type of operator	Positions Number	Type		Color of handle	Reference	Weight 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
					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
					Blue	ZB4BK1463	0.037/0.082
 ZB4BK1343		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
					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
					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
					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
					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 + contact) associated with the head, see page 12.

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

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

Control and signaling units Ø 22

Harmony® XB4, metal
Pilot lights with integral LED

Pilot lights with integral LED

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

Shape of head	Supply voltage V	Color	Reference	Weight kg/lb
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				
 Protected LED	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
		Blue	ZB4BV063	0.026/0.057
		5 colors (2) (3)	ZB4BV003	0.026/0.057
■ With plain lens, for insertion of legend (3)				
 Protected LED	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
		Blue	ZB4BV063E	0.026/0.057
■ With grooved lens (4)				
 Protected LED	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
		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, blue) not fitted, for insertion of legend.

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

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

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

Control and signaling units Ø 22

Harmony® XB4, metal

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

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

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

Shape of head	Supply voltage V	Color	Reference (1)	Weight kg/lb
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

080702



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

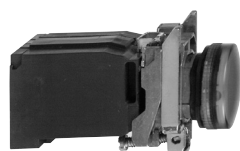
814114



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

814117



XB4BV33

Heads only (2)

Shape of head	For use with body comprising light source type	Color of lens	Reference	Weight kg/lb
■ With plain lens				
	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

814213



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

523768



ZB4BV06S

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

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

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

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

Control and signaling units Ø 22

Harmony® XB4, metal

Specific functions

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



XB4BA8●1

Manual overload reset pushbuttons

Shape of head	Travel Ø mm/in.	Actuation distance Ø mm/in.	Color	Reference	Weight kg/lb
	10/0.394	6...16/0.236...0.630	Black	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



ZB4BD912

Heads + mounting base for potentiometer (1)

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



XB5DS●

Hour counters

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



XB5KS●

Annunciators (IP 40 NEMA 1)

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



XB5DT1S

Fuse carrier

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

(1) Potentiometer not included.

Control and signaling units Ø 22

Harmony® XB4, metal

Specific functions

Joystick controllers, wobblesticks

814342

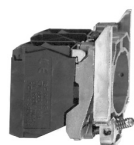


XD4PA12

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

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

814346

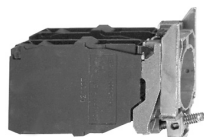


ZD4PA103

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

814348



ZD4PA203

814347



ZD4PA12

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

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

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

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

To combine with heads, see pages 14 to 36

814264



ZB4BZ009

814265



ZBE101

814267



ZBE203

814133



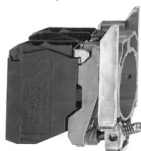
ZB4BZ101

814265



ZBE201

814346



ZB4BZ106

PF080706



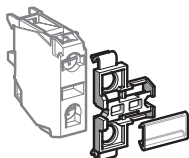
ZBE501

PG114156SE



ZB2BE101

814262



ZBZ001

Body/fixing collar

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

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

Description	Type of contact			Sold in lots of	Unit reference	Weight kg/lb
Contact blocks	Single	1	—	5	ZBE101	0.011/0.024
		—	1	5	ZBE102	0.011/0.024
	Double	2	—	5	ZBE203	0.020/0.044
		—	2	5	ZBE204	0.020/0.044
		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) (IP5X, 50 µm dust)	1	—	5	ZBE1016P	0.012/0.026
			—	1	5	ZBE1026P	0.012/0.026
Staggered contacts	Single	Early make N/O	1	—	5	ZBE201	0.011/0.024
		Late break N/C	—	1	5	ZBE202	0.011/0.024
		Single with body/fixing collar Overlapping N/O+N/C	1	1	5	ZB4BZ106	0.062/0.137
		Staggered N/O+N/O	2	—	5	ZB4BZ107	0.062/0.137
High power switching	Single	Standard (3)	1	—	1	ZBE501	0.020/0.044
			—	1	1	ZBE502	0.020/0.044
			2	—	1	ZBE503	0.032/0.071
			—	2	1	ZBE504	0.032/0.071
			1	1	1	ZBE505	0.032/0.071
			1	—	1	ZB2BE101	0.020/0.044
Additional contact blocks for high power switching	Single	Standard (4)	—	1	1	ZB2BE102	0.020/0.044

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

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

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

To combine with heads, see page 18

814273



ZBVB●

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

080705



ZBV5B

Flashing light blocks with screw clamp terminal connections (Schneider Electric anti-loosening system)					
Description	Supply voltage V	Color of light source	Sold in lots of	Unit reference	Weight kg/lb
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

522067



ZBZG156

522068



ZBZM156

814274



ZBZV●

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

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

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

To combine with heads, see pages 14 to 36

814284



ZB4BZ009

PF10777



ZBE1015

PF10779



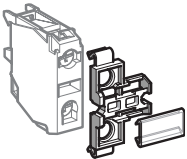
ZB4BZ1015

PF060711



ZBVB35

814282



ZBZ001

540548



XBY2U

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			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

“SIS Label” labelling software (for legends ZBY001)

For legend design

for English, French, German, Italian, Spanish

10

XBY2U

0.100/0.220

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

To combine with heads, see pages 14 to 36

814264



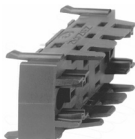
ZB4BZ009

814286



ZB4BZ079 + ZB4BZ009

540159



ZBZ01●

814237



ZBE701

814288



ZBE702

PF110422



ZBVB●7

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

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

Adapter (socket) (1)

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

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

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

Contacts for specific applications

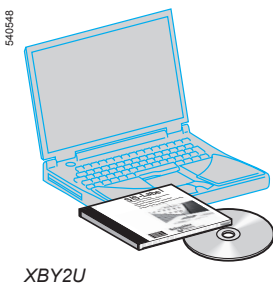
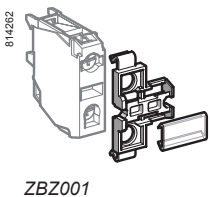
Application	Type of contact			Sold in lots of	Unit reference	Weight kg/lb
Low power switching	Single	1	—	5	ZBE7016	0.012/0.026
		—	1	5	ZBE7026	0.012/0.026

Light blocks (1)

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

Protected
LED(1) For details of support drilling and of printed circuit board: see our website www.schneider-electric.com.

To combine with heads, see pages 14 to 36

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

Description	Type of contact			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) (IP5X, 50 µm dust)	1	–	5	ZBE1016P3 (2)	0.012/0.026
			–	1	5	ZBE1026P3 (2)	0.012/0.026
Staggered contacts	Single	Early make	1	–	5	ZBE2013 (2)	0.011/0.024
		Late break	–	1	5	ZBE2023 (2)	0.011/0.024
		N/C					
High power switching	Single	Standard (4)	1	–	1	ZBE5013	0.021/0.046
			–	1	1	ZBE5023	0.021/0.046
			2	–	1	ZBE5033	0.033/0.073
			–	2	1	ZBE5043	0.033/0.073
			1	1	1	ZBE5053	0.033/0.073

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

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

Sheet of 50 blank legends

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

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

To combine with heads, see pages 14 to 36

814264



ZB4BZ009

814278



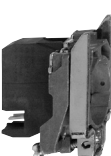
ZBE1014

814279



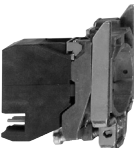
ZBE1024

814135



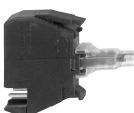
ZB4BZ1014

814136



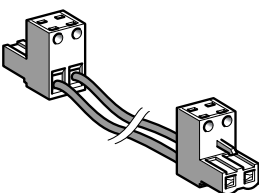
ZB4BZ1024

814260



ZBVB4

530719



APE1C2250

Body/fixing collar

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

Contact functions**Plug-in connector (1)****Contacts for standard applications**

Description	Type of contact			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

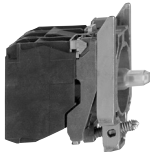
Connecting cables and connector

Description	Number of connectors	Wire c.s.a. mm²/AWG	Length Ø mm/in.	Sold in lots of	Unit reference	Weight kg/lb
Cables with connectors 2-pin, Ø 5.08 mm/0.200 in. pitch	1	0.75/19	500/19.685	8	APE1C2150	0.120/0.265
	2	0.75/19	500/19.685	8	APE1C2250	0.180/0.397
Spring terminal connector 2-pin, Ø 5.08 mm/0.200 in. pitch	—	0.2 to .5 /25 to 14	—	10	APE1PRE21	0.003/0.007

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

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

814218



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

Other versions

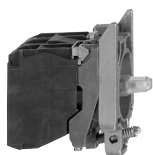
Complete bodies with Faston connector terminals (Ø 6.35 or 2 x 2.8mm/0.250 or 0.079 x 0.110 in.).
Please consult our Customer Care Centre.

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

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

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

814221



ZB4BW0...3

Complete body/contact assemblies and light blocks ⁽¹⁾ (continued)						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Light source	Supply voltage V	Type of contact		Color of light source	Reference	Weight kg/lb
						
		N/O	N/C			
Direct supply (continued)						
Protected[®] LED	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 0.079 x 0.110 in.). Please consult our Customer Care Centre.				
(1) Can be fitted with additional contact blocks: see page 38.						

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

814207



ZB4BV●●

Complete light bodies (fixing collar + light block with integral LED)**Screw clamp terminal connections** (Schneider Electric anti-loosening system)

Light source	Supply voltage V	Color of light source	Reference	Weight kg/lb
Integral LED 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 0.079 x 0.110 in.), see page 42.

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



ZB4BVB●156

Complete light bodies with 3-terminal “test” function

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

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

Light source	Supply voltage V	Color of light source	Reference	Weight kg/lb
Integral LED Protected LED	$\approx$ 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	$\approx$ 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
	$\sim$ 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
	$\sim$ 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 $\sim$ 120 or 230 V supply, use complete body **ZB4BVG●** or **ZB4BVM●** with block for “test light” function type **ZBZM156**, see page 46 and 39.

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

Control and signaling units Ø 22

Harmony® XB4, metal

Body/contact assemblies + light blocks with
BA 9s base fitting

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	
		 N/O	 N/C				
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 ~ 220...240 60 Hz	1	–	–	ZB4BW041	0.141/0.311	
		1	1	–	ZB4BW045	0.151/0.333	
	~ 400 50 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 ~ 220...240 60 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	
~ 400 50/60 Hz	1	1	White	ZB4BW05D15	0.152/0.335		
			Green	ZB4BW05D35	0.152/0.335		
			Red	ZB4BW05D45	0.152/0.335		
			Orange	ZB4BW05D55	0.152/0.335		
			Blue	ZB4BW05D65	0.152/0.335		

Other versions

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

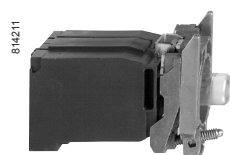
(1) Can be fitted with additional contact blocks: see page 38.

(2) Bulb to be ordered separately: see page 60.

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



ZB4BV6



ZB4BV●



ZB4BV156

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

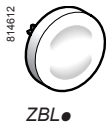
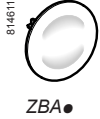
Complete light bodies (fixing collar + light block)**For bulb with BA 9s base fitting (incandescent, neon or LED)****Screw clamp terminal connections** (Schneider Electric anti-loosening system)

Light source	Supply voltage V	Color of light source	Reference	Weight kg/lb
Direct supply				
BA 9s base fitting bulb, 2.4 W max, not included (1)	≤ 250	—	ZB4BV6	0.052/0.335
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
Other versions	Complete bodies with Faston connector terminals (Ø 6.35 or 2 x 2.8mm/0.250 or 0.079 x 0.110 in.), see page 42.			

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



Pushbutton caps - unmarked

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

Pushbutton caps - marked

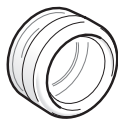
For use with	Type of push	Marking		Color of cap	Unit reference	Weight kg/lb
		Text	Color			
ZBABA0 pushbutton heads supplied without cap (sold in lots of 10)	Flush	I (2)	White	Green	ZBA331	0.001/0.002
			Black	White	ZBA131	0.001/0.002
		II	White	Green	ZBA336	0.001/0.002
			Black	White	ZBA136	0.001/0.002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

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

(2) Double injection moulded marking.

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

DF540778



ZBP0

Transparent boots for pushbuttons (1)

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

Colored boots

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

Lens caps

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

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

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

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

Lens caps for light sources with BA 9s base fitting

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

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

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

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

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

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

DF540779



ZBV01●3

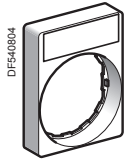
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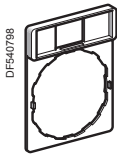
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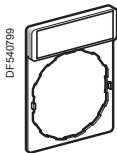
ZBZ34



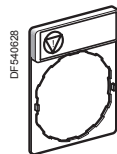
ZBYH101



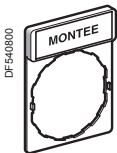
ZBZ32



ZBY101



ZBY4140



ZBY2107

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

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

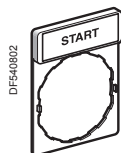
Standard (Ø 30 x 40 mm/1.181 x 1.575 in.) legend holders for Ø 8 x 27 mm/0.315 x 1.063 in. legends ⁽¹⁾

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

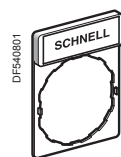
(1) For legends, see pages 54 to 56.

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

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



ZBY2303



ZBY2228

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

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

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

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

DF540805



ZBY02178

DF540829



ZBY0140

DF540806



ZBY0104

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

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
	Yellow	STOP	10	ZBY02304	0.001/0.002
			10	ZBY0140 (2)	0.001/0.002
French	Black or red (1)	ARRET (red background)	10	ZBY02104	0.001/0.002
		ARRET (black background)	10	ZBY00104	0.001/0.002
		ARRET GENERAL	10	ZBY02129	0.001/0.002
		ARRET REARMEMENT	10	ZBY02133	0.001/0.002
		ARRET-MARCHE	10	ZBY02166	0.001/0.002
		ARRIERE	10	ZBY02106	0.001/0.002
		AUTO CYCLE-CYCLE	10	ZBY02198	0.001/0.002
		AUTO CYCLE-MAIN	10	ZBY02199	0.001/0.002
		AUTO-MAIN	10	ZBY02164	0.001/0.002
		AUTO-O-MAIN	10	ZBY02185	0.001/0.002
		AVANT	10	ZBY02105	0.001/0.002
		AVANT-O-ARRIERE	10	ZBY02184	0.001/0.002
		C-P-C-NORMAL	10	ZBY02165	0.001/0.002
		CYCLE-MAIN	10	ZBY02197	0.001/0.002
		DECLenchement	10	ZBY02132	0.001/0.002
		DEFAULT (black background)	10	ZBY02134	0.001/0.002
		DEFAULT (red background)	10	ZBY02135	0.001/0.002
		DEPART CYCLE	10	ZBY02195	0.001/0.002
		DESCENTE	10	ZBY02108	0.001/0.002
		DROITE	10	ZBY02109	0.001/0.002
		ENCLenchement	10	ZBY02131	0.001/0.002
		EN SERVICE	10	ZBY02111	0.001/0.002
		FERMETURE	10	ZBY02114	0.001/0.002
		GAUCHE	10	ZBY02110	0.001/0.002
		HORS SERVICE	10	ZBY02112	0.001/0.002
		HORS-EN	10	ZBY02167	0.001/0.002
		LENT	10	ZBY02127	0.001/0.002
		MAIN	10	ZBY02116	0.001/0.002
		MARCHE	10	ZBY02103	0.001/0.002
		MONTEE	10	ZBY02107	0.001/0.002
		OUVERTURE	10	ZBY02113	0.001/0.002
		PHASE / PHASE	10	ZBY02196	0.001/0.002
		REARMEMENT (red background)	10	ZBY02123	0.001/0.002
		REARMEMENT (black background)	10	ZBY00123	0.001/0.002
		SOUS TENSION	10	ZBY02126	0.001/0.002
		VITE	10	ZBY02128	0.001/0.002
	Red	ARRET D'URGENCE	10	ZBY02130 (2)	0.001/0.002

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

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

DF540807



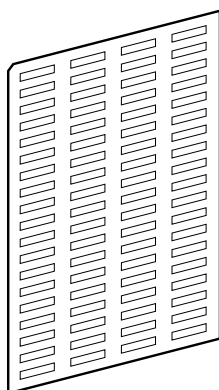
ZBY02303

DF540808



ZBY02228

814309



ZBY4100

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

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

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).

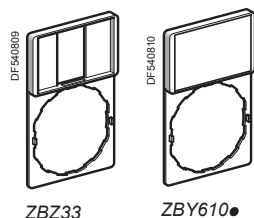
(2) For complying with EN/ISO 13850 standard, paragraph 4.4.6., Emergency Stop function logo  has been added.

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

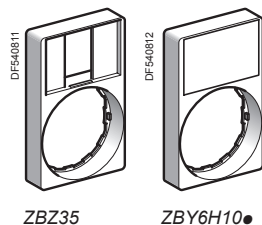


ZBZ33

ZBY610●

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

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

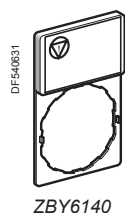


ZBZ35

ZBY6H10●

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

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



ZBY6140

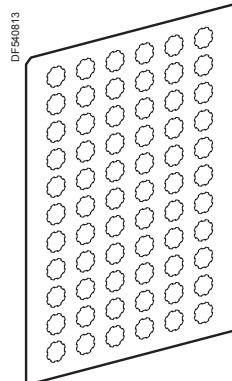
Ø 18 x 27 mm/0.709 x 1.063 in. legends for engraving (for Ø 30 x 50 mm/1.181 x 1.968 in. legend-holders)

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

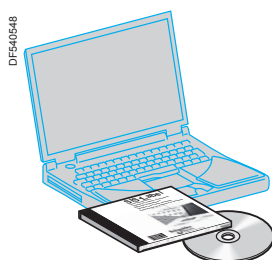
Sheets of peel-off legends (with backing board and protective transparent cover)

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

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



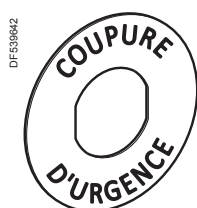
ZBY1101



ZBY2U



ZBY9130



ZBY9160

Legends for XB4B pushbuttons, illuminated pushbuttons and pilot lights

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

“SIS Label” labelling software

Application	For use with	Reference	Weight kg/lb
Legend design for English, French, German, Spanish, Italian	ZBY001, ZBY0101, ZBY0102, ZBY1101 ZBY4100, ZBY5100, ZBY5101 and ZBY5102	XBY2U	0.100/0.220

Circular yellow legends for mushroom head pushbuttons

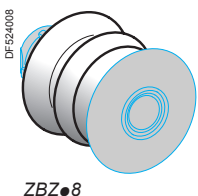
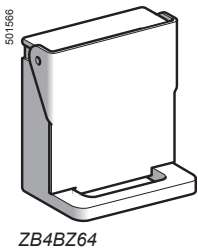
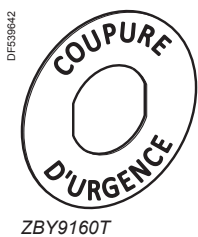
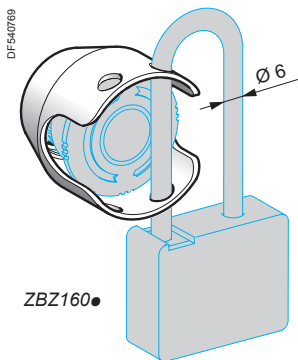
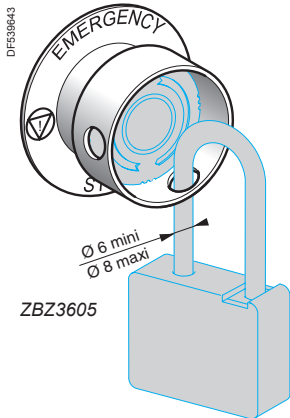
Used for “Emergency stop” function (1)

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

Used for “Emergency switching off” function

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

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



Accessories for mushroom head pushbuttons

Description	Exclusive use with the following Ø 40 mm/1.575 in. trigger action pushbuttons	Color	Reference	Weight kg/lb
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●,	Chromium plated	ZBZ1600	0.046/0.101
		Black	ZBZ1602	0.046/0.101
	ZB4BS8●, ZB4BS9●.	Red	ZBZ1604	0.046/0.101
		Blue	ZBZ1606	0.046/0.101

Description	Marking	Color	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

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	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)	Pushbuttons	Red	2	ZBZ48	0.009/0.020
		Black	2	ZBZ28	0.009/0.020
		Yellow	2	ZBZ58	0.009/0.020

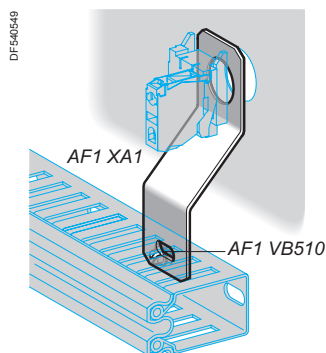
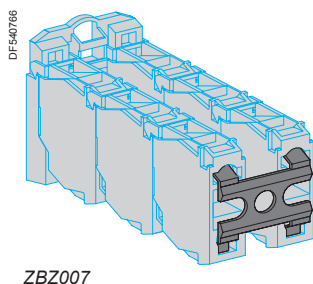
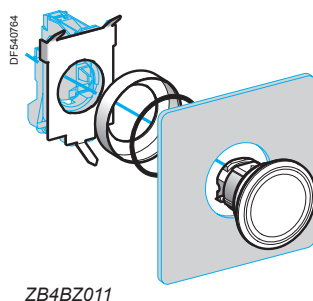
(1) Standard circular legends are not compatible with this product. Use special legends **ZBY9●●●T**.

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

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

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

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



Other accessories (continued)

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

M5 x 10 screw, with hexagonal slotted head	For fixing cable ducting		100	AF1VB510	0.003/0.007
Support	For pushbuttons, switches and pilot lights		1	DX1AP52	0.160/0.353
Boot for contact block ZBE10● and ZBE10● 3 (2)	For protection against dusty environment		1	ZBZ60	0.098/0.216

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

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



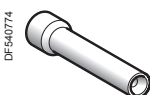
DL1CJ0...



DL1CE...



DL1CF...



XBFX13



ZBZ8

Bulbs with BA 9s base fitting and associated accessories

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



ZBG455



ZBDLU1



ZBG455P



ZBGP



ZBDD2

Replacement keys

Description	Key number	Reference	Weight kg/lb
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.

A					
AF1VB510	59	XB4BVG●	34	ZB4BD912	36
AF1XA1	59	XB4BVM●	34	ZB4BD922	36
APE1C2150	43	XB4BW31B5	17	ZB5AD●●	61
APE1C2250	43	XB4BW31G5	17	ZB4BG●	30
APE1PRE21	43	XB4BW31M5	17	ZB4BG0●	30
		XB4BW33B5	17	ZB4BG●TEC10	31
		XB4BW33G5	17	ZB4BG05TEC10	31
		XB4BW33M5	17	ZB4BH●	26
D		XB4BW34B5	17	ZB4BH●●	27
DL1CB006	60	XB4BW34G5	17	ZB4BH0●	26
DL1CD006●	60	XB4BW34M5	17	ZB4BH0●●	27
DL1CE024	60	XB4BW35B5	17	ZB4BJ●	29
DL1CE130	60	XB4BW35G5	17	ZB4BJ●●●	29
DL1CF110	60	XB4BW35M5	17	ZB4BK1●●●	33
DL1CF220	60	XB4BW36B5	17	ZB4BL●	14
DL1CJ0241	60	XB4BW36G5	17	ZB4BL●●●	16
DL1CJ0243	60	XB4BW36M5	17	ZB4BL7340	20
DL1CJ0244	60	XB4BW3135	19	ZB4BL7341	20
DL1CJ0245	60	XB4BW3145	19	ZB4BP●	15
DL1CJ0246	60	XB4BW3165	19	ZB4BP●S	15
DL1CJ0483	60	XB4BW3335	19		51
DL1CJ0484	60	XB4BW3345	19	ZB4BP18	15
DL1CJ0485	60	XB4BW3365	19	ZB4BP38	15
DX1AP52	59	XB4BW3435	19	ZB4BP48	15
		XB4BW3445	19	ZB4BP58	15
X		XB4BW3465	19	ZB4BP68	15
XB4BA●●	14	XB4BW3535	19	ZB4BP183	15
XB4BA●●●	36	XB4BW3545	19	ZB4BP383	15
XB4BA●●●●	16	XB4BW3565	19	ZB4BP483	15
XB4BA711237	21	XB4BW73731B5	20	ZB4BP583	15
XB4BA731327	21	XB4BW73731G5	20	ZB4BP683	15
XB4BC21	22	XB4BW73731M5	20	ZB4BP●83	51
XB4BD●●	28	XB5DSB	36	ZB4BR●	22
XB4BG●●	30	XB5DSG	36	ZB4BR●16	22
XB4BJ●●	29	XB5DSM	36	ZB4BS●●	23
XB4BK123B5	32	XB5DT1S	36		25
XB4BK123G5	32	XB5KSB	36	ZB4BS●●●	24
XB4BK123M5	32	XB5KSG	36	ZB4BT2	23
XB4BK124B5	32	XB5KSM	36	ZB4BT4	25
XB4BK124G5	32	XBFX13	60	ZB4BT44	25
XB4BK124M5	32	XB4Y2U	38	ZB4BT84	24
XB4BK125B5	32		40	ZB4BT844	24
XB4BK125G5	32		42	ZB4BV01	35
XB4BK125M5	32		57	ZB4BV01S	35
XB4BK133B5	32			ZB4BV003	34
XB4BK133G5	32	XD4PA●●	37	ZB4BV03	35
XB4BK133M5	32			ZB4BV3	49
XB4BK134B5	32	Z		ZB4BV3D1	49
XB4BK134G5	32	ZB2BE101	38	ZB4BV3D3	49
XB4BK134M5	32	ZB2BE102	38	ZB4BV3D4	49
XB4BK135B5	32	ZB4BA●	14	ZB4BV3D5	49
XB4BK135G5	32	ZB4BA●●	14	ZB4BV3D6	49
XB4BK135M5	32		15	ZB4BV03S	35
XB4BL42	14		18	ZB4BV04	35
XB4BL4325	16		20	ZB4BV4	49
XB4BL73415	20	ZB4BA●●●	16	ZB4BV4D1	49
XB4BP●●	15		21	ZB4BV4D3	49
XB4BS●●●	25	ZB4BA7●●●	20	ZB4BV4D4	49
XB4BS●●●●	24	ZB4BA7●●●●	21	ZB4BV4D5	49
XB4BS84441	24	ZB4BB2	37	ZB4BV4D6	49
XB4BT42	25	ZB4BB4	37	ZB4BV04S	35
XB4BT845	24	ZB4BC●	22	ZB4BV05	35
XB4BV5B●	35	ZB4BC●●	22	ZB4BV5	49
XB4BV●●	35	ZB4BD●	28	ZB4BV5D1	49
XB4BVB●	34	ZB4BD●●	31		
				ZB4BV5D3	49
				ZB4BV5D4	49
				ZB4BV5D5	49
				ZB4BV5D6	49
				ZB4BV05S	35
				ZB4BV06	35
				ZB4BV6	49
				ZB4BV06S	35
				ZB4BV07	35
				ZB4BV07S	35
				ZB4BV8	49
				ZB4BV9	49
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				ZB4BW0G●●	44
				ZB4BW0M●●	45
				ZB4BW03D●●	48
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	41	ZBE1026P	38	ZBV0143	51	ZBY1149	57		42
	43	ZBE1026P3	42	ZBV0153	51	ZBY1203	57	ZBZ003	59
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ZB4SZ3	59	ZBL4	50	ZBW9343	51	ZBY8430	57		



Schneider Electric Industries SAS

Head Office
35, rue Joseph Monier
F-92500 Rueil-Malmaison
France

www.schneider-electric.com/control

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