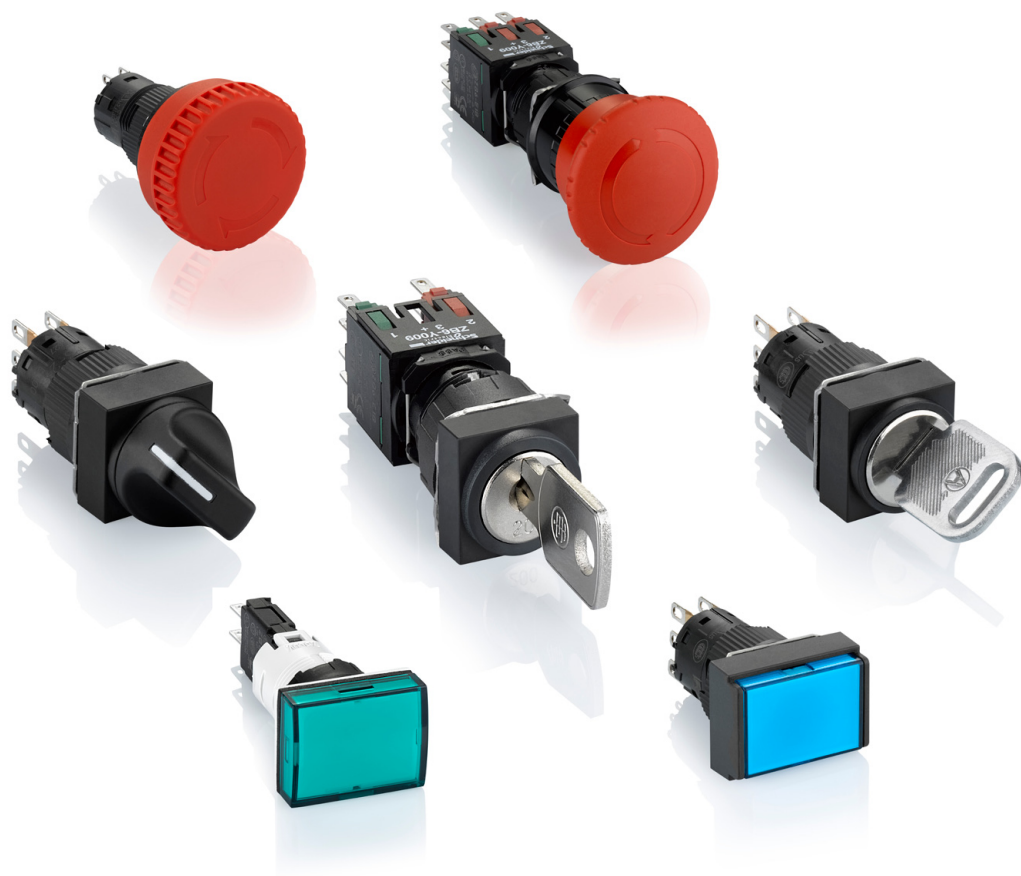


Control and signaling units Ø 16 plastic

Harmony® XB6 modular and XB6E monolithic

Catalog

May 2013



How to find the “Automation and Control” products

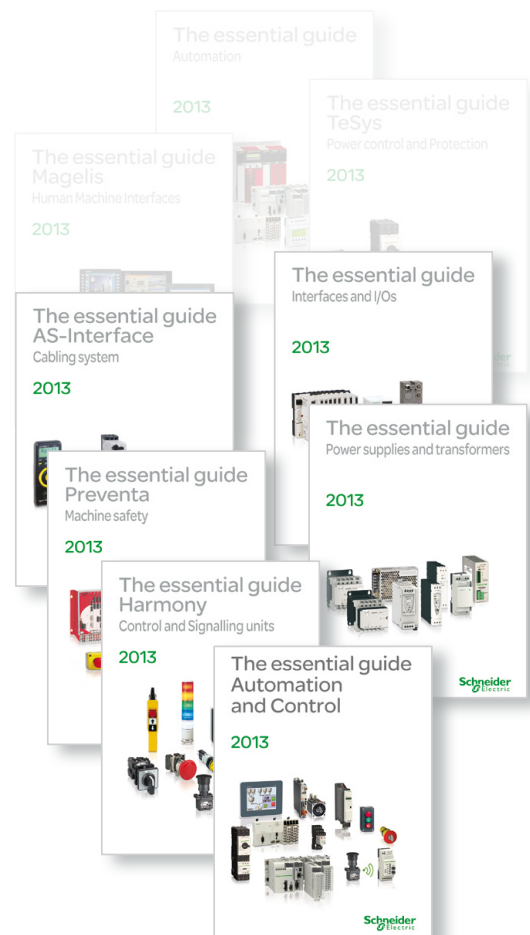
> Catalogs

Complete product ranges



> Essential guides

Selection of the top selling products



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Control and signaling units Ø 16

Harmony® XB6E, monolithic and XB6, modular

Overview and selection guide

■ Overview

- Harmony® XB6E monolithic and XB6 modular products page 1/2
- Harmony® XB6E monolithic upgraded features page 1/3

Selection guide page 1/4



1

Harmony® range of products with IP65 degree of protection

Wide choice of compact products

The Harmony® XB6E monolithic and XB6 modular range are used for a wide range of control and signaling products. Their reduced diameter (Ø16 mm/0.630 in.) makes them suitable for installation on small machines and control panels. This range offers flexible and simple setup for complete products and separate components.

The Harmony® XB6E range are available in the form of complete units and the XB6 range in the form of complete units or sub-assemblies. These range allow the end-user to choose the right product among wide range, the design (monolithic or modular), the connectors (solder tab, compatible with faston connection, pins for printed circuit board or fast connector socket), the heads (circular, square or rectangular heads) and the functions (switches, pushbuttons and pilot lights).



Contact functions

- > Pushbuttons with spring return
- > Selector switches and key switches, 2 or 3 positions
- > Mushroom head pushbuttons
- > Emergency stop pushbuttons

Signaling functions

- > Pilot lights with LED, 'Protected LED', neon and incandescent bulbs

Combined functions (Contact and Signaling)

- > Emergency stop pushbuttons
- > Pushbuttons with flush, spring return
- > Selector switches, 2 or 3 positions



Harmony® XB6E, true color LED brightness

Control and Signaling Units Ø 16

Pushbuttons, switches and pilot lights
Harmony® XB6E monolithic and XB6 modular

Harmony® XB6	Harmony® XB6E
<p>Available in the form of complete units or sub-assemblies</p> 	<p>Available in the form of complete units</p> 
<p>Illuminated and non-illuminated selector switches</p> 	<p>Non-illuminated selector switches</p> 
<p>Non-illuminated mushroom head emergency stop pushbuttons</p> 	<p>Illuminated and non-illuminated emergency stop pushbuttons</p> 

Harmony® XB6E upgrades

True-color and high LED brightness





















The Harmony® XB6E range of illuminated units deliver super-bright, true-color LED light in six colors: Red, Yellow, Green, Orange, White and Blue. This high level of brightness gives a clear indication regarding status of the machine.

Emergency stop pushbuttons


The trigger action emergency stop pushbuttons are both illuminated and non-illuminated with turn-to-release and pull-to-release mechanisms.

Accessories for a complete solution

The Harmony® XB6E range offers wide range of accessories that makes it easy to build a complete controlling solution and meet the installation needs. The accessories include five fast connector sockets, emergency labels, protective shutters, a bezel tightening tool and a blanking plug.

Type of products	Pilot lights	Pushbuttons, selector switches and pilot lights			Biometric switches	
						
						
						
						
Description of range	<ul style="list-style-type: none"> LED pilot lights 	<ul style="list-style-type: none"> Pushbuttons Multiple-headed pushbuttons Emergency Stop pushbuttons Emergency switching off pushbuttons Selector switches and key switches Illuminated pushbuttons Pilot lights 			<ul style="list-style-type: none"> Fingerprint readers 24V ~ Stand-alone biometric switches Stand-alone USB biometric switches USB biometric switches dedicated to Schneider HMI (1) 	
Features	Products	Monolithic, compact, low consumption	Complete units or sub-assemblies (body + head)			Monolithic
	Bezel	Double insulated	Double insulated (3)	Metal, chromium plated or black	Double insulated	Double insulated, dark grey
	Shape of head	Circular	Circular, square or rectangular	Circular	Circular or square	–
Drilling or cut-out for fixing		Ø 8 mm and Ø 12 mm/0.315 in. and 0.472 in.	Ø 16 mm/0.630 in.	Ø 22 mm/0.866 in.		
Degree of protection	Conforming to IEC 60529	IP 40 IP 65 with seal	IP 65	IP 66 IP 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 2.8 x 0.5 mm/0.110 x 0.020 in. connectors or threaded connector	Faston connectors Solder pins for printed circuit boards (3) Fast connector socket (4)	Spring clamp terminal connections Screw clamp terminal connections Faston connectors Connector With adaptor for printed circuit board	Cable or connectors	
Mounting	Panel thickness	1...8 mm/0.039...0.315 in.	1...6 mm/0.039...0.236 in.			
Type references		XVLA	XB6, XB6E	XB4	XB5	XB5S

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

Wireless and batteryless pushbuttons	Pushbuttons, selector switches and pilot lights	Joystick controllers	Pushbuttons, selector switches and pilot lights	Cam switches				
								
								
								
								
Description of range	<ul style="list-style-type: none"> Wireless and batteryless pushbuttons and rope pull switch Configurable receivers Access point Relay-antenna Mobile handy box or plastic boxes for wall mounting 	<ul style="list-style-type: none"> Pushbuttons Emergency Stop and Emergency switching off pushbuttons Selector switches and key switches Illuminated pushbuttons Pilot lights 	<ul style="list-style-type: none"> 2 or 4 direction Stay put or spring return 	<ul style="list-style-type: none"> Pushbuttons Emergency Stop buttons Selector switches and key switches Illuminated pushbuttons Pilot lights 	<ul style="list-style-type: none"> Switches Stepping switches Reversing and changeover switches Ammeter switches Voltmeter switches Reversing switches Star-delta and reversing star-delta switches Pole change switches 			
Features	Products	Ready-to-use packs (2) and "components" range	Monolithic	Complete units or sub-assemblies (body + head with lever)	Complete units or sub-assemblies (body + head)	Complete units or sub-assemblies (body + front panel + head)		
	Bezel	Metal, chromium plated or double insulated, black	Double insulated, dark grey (or white for pilot lights)	Metal, chromium plated	Double insulated, black	Metal, chromium plated or double insulated, black		
	Shape of head	Transmitter with circular head	Circular	Circular	Hexagonal	Square		
Drilling or cut-out for fixing		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		
Degree of protection	Conforming to IEC 60529	IP 65	IP 65 (control buttons and pilot lights) IP 54 (Emergency switching off pushbuttons)	IP 65	IP 66	IP 65: series K10 IP 40, IP 65 with seal: series K1/K2 IP 40: series K30...K150		
	Conforming to UL 508 and CSA C22-2 N° 14	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)	–		
Cabling		Wireless (transmitter) Through cable (receiver)	Screw and captive clamp terminal connections Faston clip connections (pilot lights)	Screw and captive clamp terminal connections				
Mounting	Panel thickness	1...6 mm/0.039...0.236 in.				0.5...6 mm/0.020...0.236 in. (depending on model)		
Type references		XB5R, XB4R	XB7	XD4PA	XD2GA	XD5PA	9001K, 9001SK	K10, K1, K2, K30, K50, K63, K115, K150

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

Harmony® XB6E, monolithic

■ **General**

- Presentation of range *page 2/2*
- Presentation of complete units..... *page 2/3*

■ **References**

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Control and signaling units Ø 16

Harmony® XB6E, monolithic

Pushbuttons, switches and pilot lights

Presentation

The Harmony® XB6E Ø 16/0.630 in. range of products are compact and thus suitable for installation on small machines and control panels. They are well suited to applications where less space is available for mounting. This range comes with better color purity and thus has an advantage of LED brightness.

- This range includes:
 - Pushbuttons, selector/key switches, emergency stop trigger action pushbuttons for Start/Stop control of machines and installations, adjustment and parametering (contact functions),
 - Pilot lights for visual signaling (signaling functions),
 - Illuminated pushbuttons and emergency stop pushbuttons for control and signaling (contact functions and signaling functions),
 - Fast connector sockets with push-in technology.
- This Ø 16/0.630 in. monolithic range offers the advantage of having 3 shapes of head (circular, square and rectangular), each available in 6 colors.
- These products are shown on the following pages in the form of complete units.
- The pushbutton and switch control offer (illuminated and non-illuminated) comprises:
 - Flush, latching, spring return unmarked pushbuttons,
 - Ø 32/1.260 in. Emergency stop trigger action pushbuttons,
 - Selector switches with standard handle,
 - Key switches,
 - Various accessories.
- The pilot light signaling offer includes pilot lights with integral LED.

Installation

- Harmony® XB6E 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).
- Type of connection: Faston connector and fast connector socket.

Environment

The performance features of the XB6E range meet the following specifications:

- Degrees of protection:
 - IP 65 conforming to standard IEC 60529. The IP65 standard offer complete protection against solid particles, and a good level of protection against water.
- International standards:
 - For the entire range: EN/IEC 60947-1, EN/IEC 60947-5-1, EN/IEC 60947-5-5, UL 508, CSA C22-2 n° 14.
 - For Emergency stop pushbuttons: EN/IEC 60947-5-5.
- Product certifications:
 - For Emergency stop pushbuttons: UR, CCC
 - For other products: cURus, CCC

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

Control and signaling units Ø 16

Harmony® XB6E, monolithic
Pushbuttons, switches and pilot lights

Description

The Ø 16/0.630 in. range of control and signaling units comprises complete, double insulated units.

Functions

Contact functions

Pushbuttons, flush, spring return



Shape of head	Circular	Square	Rectangular
Degree of protection	IP 65	IP 65	IP 65
Color	White, orange, green, red, yellow and blue.	White, orange, green, red, yellow and blue.	White, orange, green, red, yellow and blue.
Reference	XB6EAA●●P	XB6ECA●●P	XB6EDA●●P
Pages	2/6	2/6	2/6

Selector switches with standard handle, 2 or 3-position



Shape of head	Circular	Square	Rectangular
Degree of protection	IP 65	IP 65	IP 65
Reference	XB6EAD●●P	XB6ECD●●P	XB6EDD●●P
Pages	2/9	2/9	2/9

Key switches, 2 or 3-position



Shape of head	Circular	Square	Rectangular
Degree of protection	IP 65	IP 65	IP 65
Reference	XB6EAG●●P	XB6ECG●●P	XB6EDG●●P
Pages	2/9	2/9	2/9

Functions (continued)

Contact functions (continued)

Emergency stop pushbuttons, turn to release and pull to release



Shape of head	Circular, Ø 32 mm/1.260 in.
Degree of protection	IP 65
Color	Red
Reference	XB6ETN521P
Page	2/8

Signaling functions

Pilot lights



Shape of head	Circular	Square	Rectangular
Degree of protection	IP 65	IP 65	IP 65
LED	Integral LEDs, 12 or 24 V	Integral LEDs, 12 or 24 V	Integral LEDs, 12 or 24 V
Color	White, green, red, yellow, blue and orange.	White, green, red, yellow, blue and orange.	White, green, red, yellow, blue and orange.
Reference	XB6EAV●●P	XB6ECV●●P	XB6EDV●●P
Pages	2/6	2/6	2/6

Functions (continued)

Combined functions: contact and signaling

Illuminated pushbuttons, flush, spring return



Shape of head	Circular	Square	Rectangular
Degree of protection	IP 65	IP 65	IP 65
LED	Integral LEDs, 12 or 24 V	Integral LEDs, 12 or 24 V	Integral LEDs, 12 or 24 V
Color	White, green, red, yellow, blue and orange.	White, green, red, yellow, blue and orange.	White, green, red, yellow, blue and orange.
Reference	XB6EAW●●P	XB6ECW●●P	XB6EDW●●P
Pages	2/7	2/7	2/7

Illuminated pushbuttons, flush, latching



Shape of head	Circular	Square	Rectangular
Degree of protection	IP 65	IP 65	IP 65
LED	Integral LEDs, 12 or 24 V	Integral LEDs, 12 or 24 V	Integral LEDs, 12 or 24 V
Color	White, green, red, yellow, blue and orange.	White, green, red, yellow, blue and orange.	White, green, red, yellow, blue and orange.
Reference	XB6EAF●●P	XB6ECF●●P	XB6EDF●●P
Pages	2/8	2/8	2/8

Illuminated emergency stop pushbuttons, turn to release and pull to release



Shape of head	Circular, Ø 32 mm/1.260 in.
Degree of protection	IP 65
LED	Integral LEDs, 12 or 24 V
Color	Red
Reference	XB6ETI●●●P
Page	2/8

2



XB6EAA●●P







XB6ECA●●P



XB6EDA●●●P

Pushbuttons, flush, spring return

Sold in lots of 5

Shape of head	Type of contacts	Color	Unit reference	Weight
	 CO			kg/lb
Circular 	1	White	XB6EAA11P	0.006/0.013
		Black	XB6EAA21P	0.006/0.013
		Green	XB6EAA31P	0.006/0.013
		Red	XB6EAA41P	0.006/0.013
		Yellow	XB6EAA51P	0.006/0.013
		Blue	XB6EAA61P	0.006/0.013
	2	White	XB6EAA12P	0.006/0.013
		Black	XB6EAA22P	0.006/0.013
		Green	XB6EAA32P	0.006/0.013
		Red	XB6EAA42P	0.006/0.013
		Yellow	XB6EAA52P	0.006/0.013
		Blue	XB6EAA62P	0.006/0.013
Square 	1	White	XB6ECA11P	0.006/0.013
		Black	XB6ECA21P	0.006/0.013
		Green	XB6ECA31P	0.006/0.013
		Red	XB6ECA41P	0.006/0.013
		Yellow	XB6ECA51P	0.006/0.013
		Blue	XB6ECA61P	0.006/0.013
	2	White	XB6ECA12P	0.006/0.013
		Black	XB6ECA22P	0.006/0.013
		Green	XB6ECA32P	0.006/0.013
		Red	XB6ECA42P	0.006/0.013
		Yellow	XB6ECA52P	0.006/0.013
		Blue	XB6ECA62P	0.006/0.013
Rectangular 	1	White	XB6EDA11P	0.006/0.013
		Black	XB6EDA21P	0.006/0.013
		Green	XB6EDA31P	0.006/0.013
		Red	XB6EDA41P	0.006/0.013
		Yellow	XB6EDA51P	0.006/0.013
		Blue	XB6EDA61P	0.006/0.013
	2	White	XB6EDA12P	0.006/0.013
		Black	XB6EDA22P	0.006/0.013
		Green	XB6EDA32P	0.006/0.013
		Red	XB6EDA42P	0.006/0.013
		Yellow	XB6EDA52P	0.006/0.013
		Blue	XB6EDA62P	0.006/0.013



XB6EAV●●P






XB6ECV●●P



XB6EDV●●P

Pilots lights with 12 or 24 V integral LED

Sold in lots of 5

Shape of head	Color	Unit reference		Weight kg/lb
		With 12 V LED	With 24 V LED	
Circular 	White	XB6EAV1JP	XB6EAV1BP	0.006/0.013
	Green	XB6EAV3JP	XB6EAV3BP	0.006/0.013
	Red	XB6EAV4JP	XB6EAV4BP	0.006/0.013
	Yellow	XB6EAV5JP	XB6EAV5BP	0.006/0.013
	Blue	XB6EAV6JP	XB6EAV6BP	0.006/0.013
	Orange	XB6EAV8JP	XB6EAV8BP	0.006/0.013
Square 	White	XB6ECV1JP	XB6ECV1BP	0.006/0.013
	Green	XB6ECV3JP	XB6ECV3BP	0.006/0.013
	Red	XB6ECV4JP	XB6ECV4BP	0.006/0.013
	Yellow	XB6ECV5JP	XB6ECV5BP	0.006/0.013
	Blue	XB6ECV6JP	XB6ECV6BP	0.006/0.013
	Orange	XB6ECV8JP	XB6ECV8BP	0.006/0.013
Rectangular 	White	XB6EDV1JP	XB6EDV1BP	0.006/0.013
	Green	XB6EDV3JP	XB6EDV3BP	0.006/0.013
	Red	XB6EDV4JP	XB6EDV4BP	0.006/0.013
	Yellow	XB6EDV5JP	XB6EDV5BP	0.006/0.013
	Blue	XB6EDV6JP	XB6EDV6BP	0.006/0.013
	Orange	XB6EDV8JP	XB6EDV8BP	0.006/0.013

Control and signaling units Ø 16

Harmony® XB6E, monolithic

Pushbuttons, switches and pilot lights

2



XB6EAW●●●P







XB6ECW●●●P



XB6EDW●●●P

Illuminated pushbuttons, flush, spring return, with 12 or 24 V integral LED

Sold in lots of 5

Shape of head	Type of contacts  CO	Color	Unit reference		Weight kg/lb
			With 12 V LED	With 24 V LED	
Circular 	1	White	XB6EAW1J1P	XB6EAW1B1P	0.006/0.013
		Green	XB6EAW3J1P	XB6EAW3B1P	0.006/0.013
		Red	XB6EAW4J1P	XB6EAW4B1P	0.006/0.013
		Yellow	XB6EAW5J1P	XB6EAW5B1P	0.006/0.013
		Blue	XB6EAW6J1P	XB6EAW6B1P	0.006/0.013
		Orange	XB6EAW8J1P	XB6EAW8B1P	0.006/0.013
	2	White	XB6EAW1J2P	XB6EAW1B2P	0.006/0.013
		Green	XB6EAW3J2P	XB6EAW3B2P	0.006/0.013
		Red	XB6EAW4J2P	XB6EAW4B2P	0.006/0.013
		Yellow	XB6EAW5J2P	XB6EAW5B2P	0.006/0.013
		Blue	XB6EAW6J2P	XB6EAW6B2P	0.006/0.013
		Orange	XB6EAW8J2P	XB6EAW8B2P	0.006/0.013
Square 	1	White	XB6ECW1J1P	XB6ECW1B1P	0.006/0.013
		Green	XB6ECW3J1P	XB6ECW3B1P	0.006/0.013
		Red	XB6ECW4J1P	XB6ECW4B1P	0.006/0.013
		Yellow	XB6ECW5J1P	XB6ECW5B1P	0.006/0.013
		Blue	XB6ECW6J1P	XB6ECW6B1P	0.006/0.013
		Orange	XB6ECW8J1P	XB6ECW8B1P	0.006/0.013
	2	White	XB6ECW1J2P	XB6ECW1B2P	0.006/0.013
		Green	XB6ECW3J2P	XB6ECW3B2P	0.006/0.013
		Red	XB6ECW4J2P	XB6ECW4B2P	0.006/0.013
		Yellow	XB6ECW5J2P	XB6ECW5B2P	0.006/0.013
		Blue	XB6ECW6J2P	XB6ECW6B2P	0.006/0.013
		Orange	XB6ECW8J2P	XB6ECW8B2P	0.006/0.013
Rectangular 	1	White	XB6EDW1J1P	XB6EDW1B1P	0.006/0.013
		Green	XB6EDW3J1P	XB6EDW3B1P	0.006/0.013
		Red	XB6EDW4J1P	XB6EDW4B1P	0.006/0.013
		Yellow	XB6EDW5J1P	XB6EDW5B1P	0.006/0.013
		Blue	XB6EDW6J1P	XB6EDW6B1P	0.006/0.013
		Orange	XB6EDW8J1P	XB6EDW8B1P	0.006/0.013
	2	White	XB6EDW1J2P	XB6EDW1B2P	0.006/0.013
		Green	XB6EDW3J2P	XB6EDW3B2P	0.006/0.013
		Red	XB6EDW4J2P	XB6EDW4B2P	0.006/0.013
		Yellow	XB6EDW5J2P	XB6EDW5B2P	0.006/0.013
		Blue	XB6EDW6J2P	XB6EDW6B2P	0.006/0.013
		Orange	XB6EDW8J2P	XB6EDW8B2P	0.006/0.013



XB6EAF●●●P



XB6ECF●●●P



XB6EDF●●●P



XB6ETI●●●P



XB6ETN521P

Illuminated pushbuttons, flush, latching, with 12 or 24 V integral LED

Sold in lots of 5

Shape of head	Type of contacts	Color	Unit reference		Weight	
			With 12 V LED	With 24 V LED		
Circular 	 CO	White	XB6EAF1J1P	XB6EAF1B1P	0.006/0.013	
		Green	XB6EAF3J1P	XB6EAF3B1P	0.006/0.013	
		Red	XB6EAF4J1P	XB6EAF4B1P	0.006/0.013	
		Yellow	XB6EAF5J1P	XB6EAF5B1P	0.006/0.013	
		Blue	XB6EAF6J1P	XB6EAF6B1P	0.006/0.013	
		Orange	XB6EAF8J1P	XB6EAF8B1P	0.006/0.013	
	2	White	XB6EAF1J2P	XB6EAF1B2P	0.006/0.013	
		Green	XB6EAF3J2P	XB6EAF3B2P	0.006/0.013	
		Red	XB6EAF4J2P	XB6EAF4B2P	0.006/0.013	
		Yellow	XB6EAF5J2P	XB6EAF5B2P	0.006/0.013	
		Blue	XB6EAF6J2P	XB6EAF6B2P	0.006/0.013	
		Orange	XB6EAF8J2P	XB6EAF8B2P	0.006/0.013	
	Square 	1	White	XB6ECF1J1P	XB6ECF1B1P	0.006/0.013
			Green	XB6ECF3J1P	XB6ECF3B1P	0.006/0.013
			Red	XB6ECF4J1P	XB6ECF4B1P	0.006/0.013
			Yellow	XB6ECF5J1P	XB6ECF5B1P	0.006/0.013
			Blue	XB6ECF6J1P	XB6ECF6B1P	0.006/0.013
			Orange	XB6ECF8J1P	XB6ECF8B1P	0.006/0.013
2		White	XB6ECF1J2P	XB6ECF1B2P	0.006/0.013	
		Green	XB6ECF3J2P	XB6ECF3B2P	0.006/0.013	
		Red	XB6ECF4J2P	XB6ECF4B2P	0.006/0.013	
		Yellow	XB6ECF5J2P	XB6ECF5B2P	0.006/0.013	
		Blue	XB6ECF6J2P	XB6ECF6B2P	0.006/0.013	
		Orange	XB6ECF8J2P	XB6ECF8B2P	0.006/0.013	
Rectangular 		1	White	XB6EDF1J1P	XB6EDF1B1P	0.006/0.013
			Green	XB6EDF3J1P	XB6EDF3B1P	0.006/0.013
			Red	XB6EDF4J1P	XB6EDF4B1P	0.006/0.013
			Yellow	XB6EDF5J1P	XB6EDF5B1P	0.006/0.013
			Blue	XB6EDF6J1P	XB6EDF6B1P	0.006/0.013
			Orange	XB6EDF8J1P	XB6EDF8B1P	0.006/0.013
	2	White	XB6EDF1J2P	XB6EDF1B2P	0.006/0.013	
		Green	XB6EDF3J2P	XB6EDF3B2P	0.006/0.013	
		Red	XB6EDF4J2P	XB6EDF4B2P	0.006/0.013	
		Yellow	XB6EDF5J2P	XB6EDF5B2P	0.006/0.013	
		Blue	XB6EDF6J2P	XB6EDF6B2P	0.006/0.013	
		Orange	XB6EDF8J2P	XB6EDF8B2P	0.006/0.013	

Emergency stop mushroom head pushbutton

Illuminated

Shape of head	Type of push	Type of contacts	Unit reference		Weight
			With 12 V LED	With 24 V LED	
Circular, Ø 32 mm /1.260 in.	Trigger action, turn to release, pull to release	 N/C	XB6ETI522P	XB6ETI523P	0.027/0.060
			2		

Non-illuminated

Shape of head	Type of push	Type of contacts	Unit reference		Weight
			With 12 V LED	With 24 V LED	
Circular, Ø 32 mm /1.260 in.	Trigger action, turn to release, pull to release	 N/C	XB6ETN521P		0.027/0.060
			2		

Control and signaling units Ø 16

Harmony® XB6E, monolithic
Pushbuttons, switches and pilot lights

2



XB6EAD●●●P



XB6EAG●●●P



XB6ECD●●●P



XB6ECG●●●P




























XB6EDD●●●P



XB6EDG●●●P

Selector switches with standard handle or key switches

Sold in lots of 5

Shape of head	Type of push	Type of contacts	Number and type of positions	Unit reference	Weight
					kg/lb
Circular	Standard black handle 	1	2 - stay put 	XB6EAD221P	0.010/0.022
		2	2 - stay put 	XB6EAD222P	0.010/0.022
		2	3 - stay put 	XB6EAD232P	0.010/0.022
	Key (1) 	1	2 - stay put 	XB6EAG221P	0.020/0.044
		2	2 - stay put 	XB6EAG222P	0.020/0.044
		2	3 - stay put 	XB6EAG232P	0.020/0.044
Square	Standard black handle 	1	2 - stay put 	XB6ECD221P	0.010/0.022
		2	2 - stay put 	XB6ECD222P	0.010/0.022
		2	3 - stay put 	XB6ECD232P	0.010/0.022
	Key (1) 	1	2 - stay put 	XB6ECG221P	0.020/0.044
		2	2 - stay put 	XB6ECG222P	0.020/0.044
		2	3 - stay put 	XB6ECG232P	0.020/0.044
Rectangular	Standard black handle 	1	2 - stay put 	XB6EDD221P	0.010/0.022
		2	2 - stay put 	XB6EDD222P	0.010/0.022
		2	3 - stay put 	XB6EDD232P	0.010/0.022
	Key (1) 	1	2 - stay put 	XB6EDG221P	0.020/0.044
		2	2 - stay put 	XB6EDG222P	0.020/0.044
		2	3 - stay put 	XB6EDG232P	0.020/0.044

(1) Key n° 132, withdrawal from all positions. 2 keys supplied with product.



ZB6YF00



XB6E00 + ZB6YF00



ZB6YF01




ZB6YF02



ZB6Y005

Accessories

Fast connector socket

For use with	Type of contacts	Sold in lots of	Unit reference	Weight
	 CO			kg/lb
Illuminated pushbutton	1	10	ZB6YF01	0.067/0.148
	2	10	ZB6YF02	0.078/0.172
Pilot Lights	–	10	ZB6YF03	0.056/0.123
Pushbutton and Selector Switches	1	10	ZB6YF04	0.058/0.128
	2	10	ZB6YF05	0.069/0.152

For pushbuttons

Description	For use with	Sold in lots of	Unit reference	Weight
Bezel tightening tool + bulb extractor	Tightening and slackening the bezel changing bulbs	2	ZB6Y905	0.006/0.013
Protective shutters	Circular or square pushbuttons	1	ZB6YA001	0.003/0.007
	Rectangular pushbuttons	1	ZB6YD001	0.003/0.007
Blanking plug	–	10	ZB6Y005	0.001/0.002

Labels for Emergency stop mushroom head pushbutton

Shape	Color	Marking	Sold in lots of	Unit reference	Weight
Circular	Yellow	EMERGENCY STOP	10	ZB6Y56	0.010/0.022

Harmony® XB6, modular

■ **General**

- Presentation of range page 3/2
- Presentation of complete units..... page 3/4
- Presentation of sub-assemblies..... page 3/6

■ **References**

- Pushbuttons, spring return, latching
 - Illuminated with integral LED, spring return..... page 3/8
 - Illuminated with integral LED, latching page 3/10
 - Non illuminated, spring return page 3/12
- Pilot lights
 - With integral LED.....page 3/11
- Emergency stop
 - Non-illuminated page 3/14
- Selector switches
 - With standard handle..... page 3/15
 - Illuminated page 3/17
 - Key switches..... page 3/19
- Complete bodies
 - For pushbuttons..... page 3/22
 - For selector switches page 3/22
 - For pilot lights page 3/23
- Separate contact blocks page 3/23
- Accessories
 - For heads page 3/24
 - For pushbuttons..... page 3/31
 - For pilot lights page 3/31
- Legends and legend holders..... page 3/28



Presentation

The Harmony® XB6 Ø 16/0.630 in. range of plastic control and signaling units are compact and well suited to applications where less space is available for mounting pushbuttons, switches and pilot lights. It easily proves its use in industry, buildings and the tertiary sector (small equipment, small machines and control panels).

■ This range includes:

- Pushbuttons, selector/key switches, emergency stop pushbuttons for Start/Stop control of machines and installations, adjustment and parametering (contact functions),
- Pilot lights for visual signaling (signaling functions),
- Illuminated pushbuttons for control and signaling (contact and signaling functions).

■ The Ø 16/0.630 in. modular range offers the advantage of having 3 shapes of head (circular, square and rectangular), each available in 6 colors.

■ The pushbutton and switch control offer (illuminated and non-illuminated) comprises:

- Flush, projecting, spring return or latching, marked or unmarked pushbuttons,
- Ø 30/1.181 in. mushroom head emergency stop trigger action and mechanically latching pushbuttons (conforming to standards EN/IEC 60204-1 and EN/ISO 13850),
- Selector switches with standard handle ,
- Key switches,
- A wide choice of legends, legend holders and marked pushbutton caps,
- Various accessories.

■ The pilot light signaling offer includes:

- Pilot lights with integral LED,
- Pilot lights for bulbs.

Installation

■ Harmony® XB6 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).

■ 2 types of connection:

- Faston connector,
- Pins for printed circuit board.

Environment

The performance features of XB6 range meet the following specifications:

■ Degrees of protection:

- IP 65 conforming to standard IEC 60529,
- NEMA type 4, 4X and 13 conforming to standard UL 50 and CSA C22-2 n° 94 (except key switches).

■ International standards:

- For the entire range: EN/IEC 60947-1, EN/IEC 60947-5-1, EN/IEC 60947-5-5, UL 508, CSA C22-2 n° 14, JIS C 4520 and 852.
- For Emergency stop pushbuttons: EN/IEC 60204-1 and EN/ISO 13850.

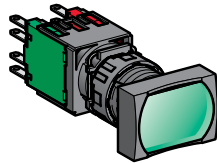
■ Product certifications: UL, CSA, CCC, GOST.

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

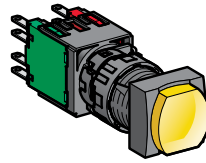
Description

The Ø 16 range of plastic (double insulated) control and signaling units comprises:

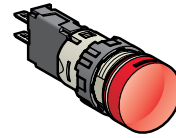
Complete units, XB6 pushbuttons, switches and pilot lights



XB6D with rectangular head

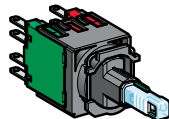


XB6C with square head



XB6A with circular head

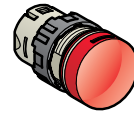
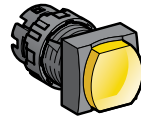
Sub-assemblies, ZB6 pushbuttons, switches and pilot lights
Body + head sub-assemblies



ZB6D with rectangular head



ZB6C with square head



ZB6A with circular head

Component parts and accessories, ZB

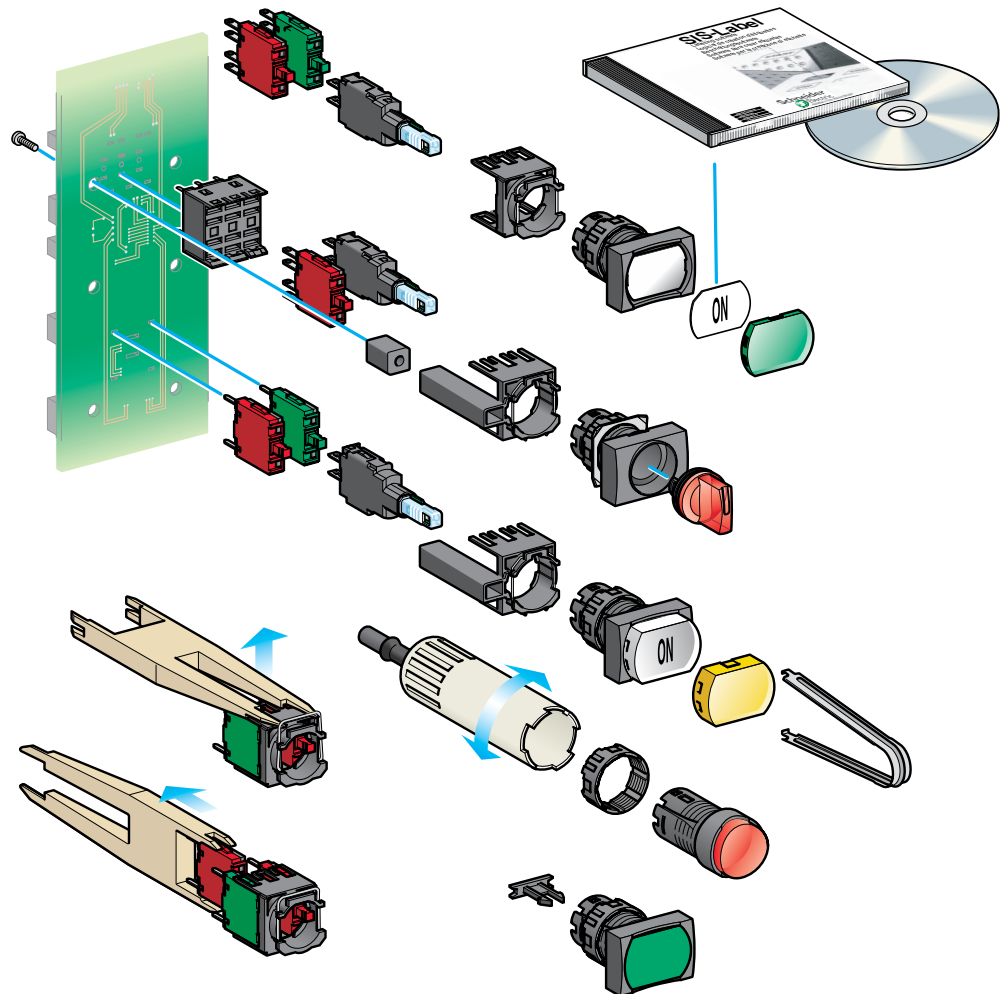
Any of the pushbuttons, switches or pilot lights in the range may be adapted by replacing certain component parts, such as:

For heads

- Caps or lenses
- Legends
 - Pre-printed legends
 - Special legends produced using labelling software
- Link enabling operation of the 3rd contact (cannot be fitted on illuminated pushbuttons)

For bodies

- LED, incandescent and neon bulbs
- NC or NO contact blocks, 3 contacts max. per block, with Faston connector or for printed circuit board
- Silver or gold flashed NC or NO contact blocks



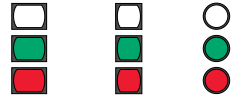
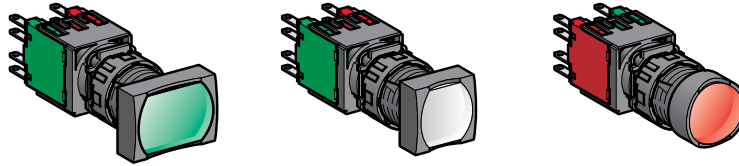
Complete units

Combined functions (contact and signaling)

Illuminated pushbuttons

Illuminated pushbuttons with rectangular, square or circular head

Head colors



Protected LED

Flush push with integral LED, spring return

XB6DW●●●●
see page 3/8

XB6CW●●●●
see page 3/8

XB6AW●●●●
see page 3/8

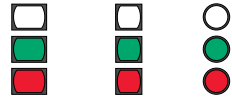
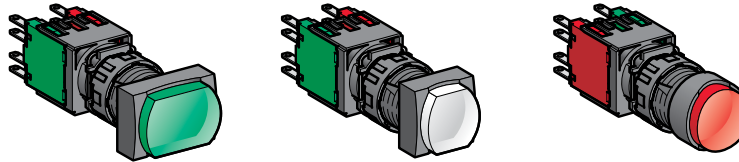
Protected LED

Flush push with integral LED, latching

XB6DF●●●●
see page 3/10

XB6CF●●●●
see page 3/10

XB6AF●●●●
see page 3/10



Protected LED

Projecting push with integral LED, spring return

XB6DE●●●●
see page 3/8

XB6CE●●●●
see page 3/8

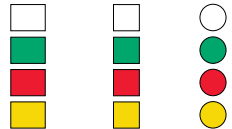
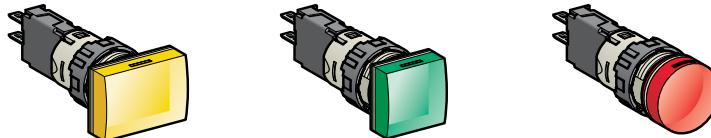
XB6AE●●●●
see page 3/8

Signaling functions

Pilot lights with rectangular, square or circular head

Head colors

Pilot lights



Protected LED

With integral LED

XB6DV●●●
see page 3/11

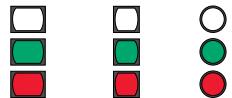
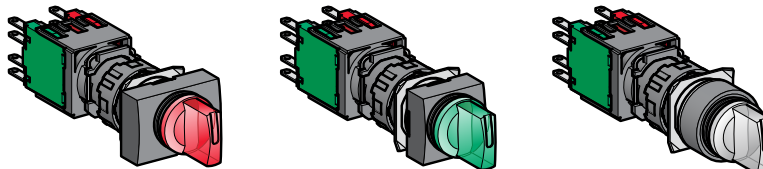
XB6CV●●●
see page 3/11

XB6AV●●●
see page 3/11

Illuminated selector switches with rectangular, square or circular head

Head colors

Illuminated selector switches



With integral LED

XB6DK●●●●●
see page 3/17

XB6CK●●●●●
see page 3/17

XB6AK●●●●●
see page 3/17

Complete units

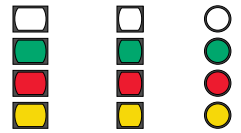
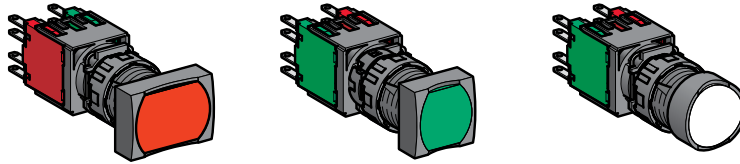
(continued)

Contact functions

Pushbuttons,
spring return

Pushbuttons with rectangular, square or circular head

Head colors

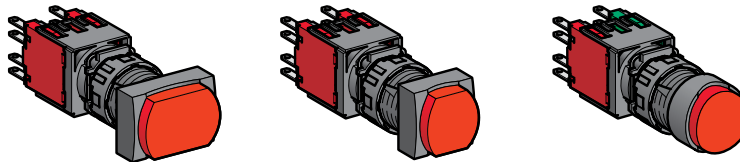


Flush

XB6DA●●●
see page 3/12

XB6CA●●●
see page 3/12

XB6AA●●●
see page 3/12



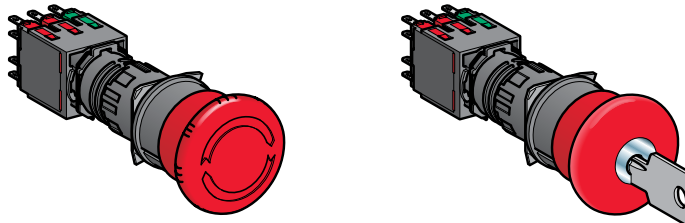
Projecting

XB6DL42B
see page 3/12

XB6CL42B
see page 3/12

XB6AL42B
see page 3/12

Ø 30 mm/1.181 in.
mushroom head
Emergency stop trigger
action and mechanically
latching pushbuttons



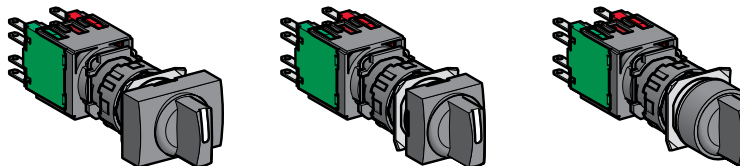
Turn to release
(EN/ISO 13850)

XB6AS8349B
see page 3/14

Key release
(EN/ISO 13850)

XB6AS9349B
see page 3/14

Selector switches and
key switches

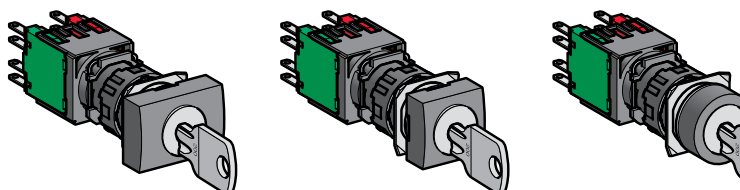


Selector switches, standard handle

XB6DD●●●
see page 3/15

XB6CD●●●
see page 3/15

XB6AD●●●
see page 3/15



Key switches

XB6DG●●●
see page 3/19

XB6CG●●●
see page 3/19

XB6AG●●●
see page 3/19

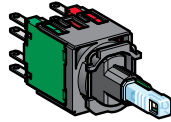
Illuminated units for user assembly

For illuminated pushbuttons and selector switches



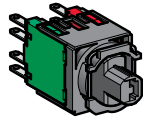
Body sub-assemblies

With integral LED



Faston
ZB6ZB●●B
see page 3/22

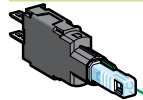
Direct supply, for incandescent bulb



Faston
ZB6ZH●●B
see page 3/22

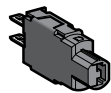
Body sub-assemblies

With integral LED



Faston
ZB6EB●●B
see page 3/23

Direct supply for incandescent bulb or with resistor

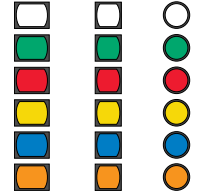
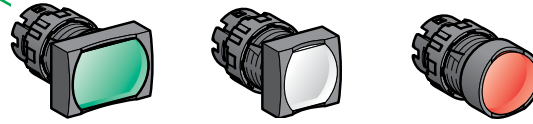


Faston
ZB6E●0B
see page 3/23

Combined functions (contact and signaling)

Head sub-assemblies, rectangular, square or circular

Head colors



Flush push, spring return

ZB6DW●
see page 3/9

ZB6CW●
see page 3/9

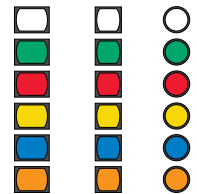
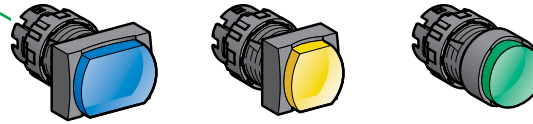
ZB6AW●
see page 3/9

Flush push, latching

ZB6DF●●●B
see page 3/10

ZB6CF●●●B
see page 3/10

ZB6AF●●●B
see page 3/10

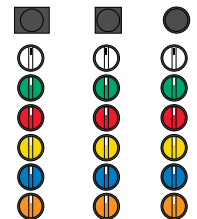
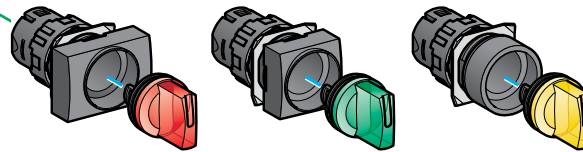


Projecting push, spring return

ZB6DE●
see page 3/9

ZB6CE●
see page 3/9

ZB6AE●
see page 3/9



Selector switch heads, without handle

ZB6DD●●
see page 3/18

ZB6CD●●
see page 3/18

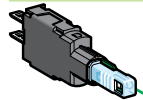
ZB6AD●●
see page 3/18

Signaling functions

For pilot lights

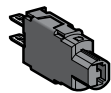
Body sub-assemblies

With integral LED



Faston
ZB6EB●●B
see page 3/23

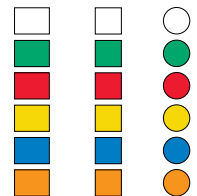
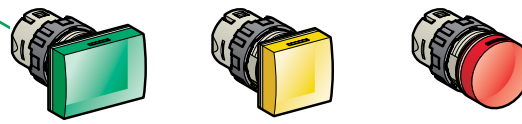
Direct supply for incandescent bulb or with resistor



Faston
ZB6E●0B
see page 3/23

Head sub-assemblies, rectangular, square or circular

Head colors



ZB6DV●
see page 3/11

ZB6CV●
see page 3/11

ZB6AV●
see page 3/11

Non illuminated units for user assembly

Contact functions

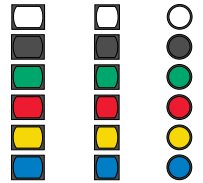
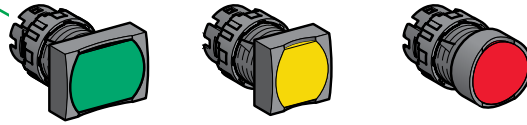
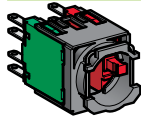
Body sub-assemblies

Head sub-assemblies, rectangular, square or circular

Head colors

For pushbuttons

Direct supply, for incandescent bulb



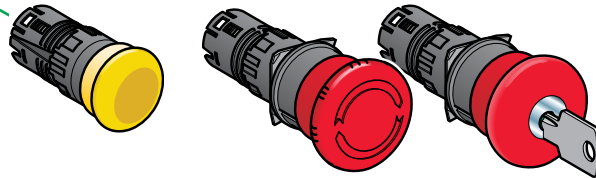
Faston
ZB6ZB●B
see page 3/22

Flush push, spring return

ZB6DA●
see page 3/13

ZB6CA●
see page 3/13

ZB6AA●
see page 3/13



For mushroom head and Emergency stop pushbuttons

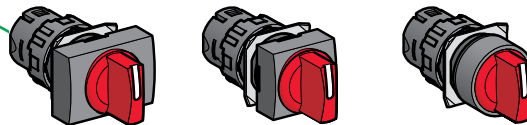
Ø 24 mm/0.945 in. ,
spring return

ZB6AC●
see page 3/14

Ø 30 mm/1.181 in. , trigger action and mechanically latching (EN/ISO 13850)

Turn to release
ZB6AS834
see page 3/14

Key release
ZB6AS934
see page 3/14



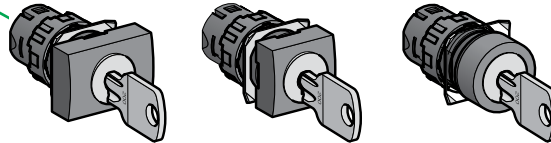
For selector switches and key switches

Selector switch heads, standard handle

ZB6DD●●
see page 3/16

ZB6CD●●
see page 3/16

ZB6AD●●
see page 3/16



Key switch heads

ZB6DG●●
see page 3/19

ZB6CG●●
see page 3/20

ZB6AG●●
see page 3/21







References

Assembly of other products, using:
body/contact assemblies: see page 3/22
accessories: see page 3/24

Control and signaling units Ø 16

Harmony® XB6, modular

Illuminated pushbuttons, spring return, with integral LED

Illuminated pushbuttons, spring return with 12...24 V integral LED								
Shape of head	Type of push	Type of contacts		Color of push	Reference	Weight		
		N/O	N/C					
kg/lb								
Complete units								
	Rectangular	Flush	1	–	White	XB6DW1B1B (ZB6ZB11B + ZB6DW1)	0.022/0.049	
					Green	XB6DW3B1B (ZB6ZB31B + ZB6DW3)	0.022/0.049	
			–	1	Red	XB6DW4B2B (ZB6ZB42B + ZB6DW4)	0.022/0.049	
			1	1	White	XB6DW1B5B (ZB6ZB15B + ZB6DW1)	0.025/0.055	
					Green	XB6DW3B5B (ZB6ZB35B + ZB6DW3)	0.025/0.055	
					Red	XB6DW4B5B (ZB6ZB45B + ZB6DW4)	0.025/0.055	
		Square	Flush	1	–	White	XB6CW1B1B (ZB6ZB11B + ZB6CW1)	0.022/0.049
						Green	XB6CW3B1B (ZB6ZB31B + ZB6CW3)	0.022/0.049
				–	1	Red	XB6CW4B2B (ZB6ZB42B + ZB6CW4)	0.022/0.049
				1	1	White	XB6CW1B5B (ZB6ZB15B + ZB6CW1)	0.025/0.055
						Green	XB6CW3B5B (ZB6ZB35B + ZB6CW3)	0.025/0.055
						Red	XB6CW4B5B (ZB6ZB45B + ZB6CW4)	0.025/0.055
	Circular	Flush	1	–	White	XB6AW1B1B (ZB6ZB11B + ZB6AW1)	0.022/0.049	
					Green	XB6AW3B1B (ZB6ZB31B + ZB6AW3)	0.022/0.049	
			–	1	Red	XB6AW4B2B (ZB6ZB42B + ZB6AW4)	0.022/0.049	
			1	1	White	XB6AW1B5B (ZB6ZB15B + ZB6AW1)	0.025/0.055	
					Green	XB6AW3B5B (ZB6ZB35B + ZB6AW3)	0.025/0.055	
					Red	XB6AW4B5B (ZB6ZB45B + ZB6AW4)	0.025/0.055	
		Rectangular	Projecting	1	–	Green	XB6DE3B1B (ZB6ZB31B + ZB6DE3)	0.022/0.049
						Red	XB6DE4B2B (ZB6ZB42B + ZB6DE4)	0.022/0.049
				1	1	White	XB6DE1B5B (ZB6ZB15B + ZB6DE1)	0.025/0.055
						Green	XB6DE3B5B (ZB6ZB35B + ZB6DE3)	0.025/0.055
						Red	XB6DE4B5B (ZB6ZB45B + ZB6DE4)	0.025/0.055
					Square	Projecting	1	–
Red	XB6CE4B2B (ZB6ZB42B + ZB6CE4)	0.022/0.049						
1	1	White	XB6CE1B5B (ZB6ZB15B + ZB6CE1)				0.025/0.055	
		Green	XB6CE3B5B (ZB6ZB35B + ZB6CE3)				0.025/0.055	
		Red	XB6CE4B5B (ZB6ZB45B + ZB6CE4)				0.025/0.055	
	Circular	Projecting	1				–	Green
				Red	XB6AE4B2B (ZB6ZB42B + ZB6AE4)	0.022/0.049		
			1	1	White	XB6AE1B5B (ZB6ZB15B + ZB6AE1)	0.025/0.055	
					Green	XB6AE3B5B (ZB6ZB35B + ZB6AE3)	0.025/0.055	
					Red	XB6AE4B5B (ZB6ZB45B + ZB6AE4)	0.025/0.055	

General:
page 3/2



XB6DW●●●B



XB6CW●●●B



XB6AW●●●B



XB6DE●●●B



XB6CE●●●B



XB6AE●●●B

Assembly of other products, using:
body/contact assemblies: see page 3/22
accessories: see page 3/24

Control and signaling units Ø 16

Harmony® XB6, modular

Illuminated pushbuttons, spring return, with integral LED



ZB6DW●



ZB6CW●



ZB6AW●



ZB6DE●









ZB6CE●



ZB6AE●

Illuminated pushbuttons, spring return with 12...24 V integral LED (continued)

Shape of head	Type of push	Color of push	Reference	Weight kg/lb
Heads only				
Rectangular 	Flush	White	ZB6DW1	0.016/0.035
		Green	ZB6DW3	0.016/0.035
		Red	ZB6DW4	0.016/0.035
		Yellow	ZB6DW5	0.016/0.035
		Blue	ZB6DW6	0.016/0.035
		Orange	ZB6DW8	0.016/0.035
		6 colors (1)	ZB6DW9	0.016/0.035
		Without cap (2)	ZB6DW0	0.016/0.035
		Square 	Flush	White
Green	ZB6CW3			0.016/0.035
Red	ZB6CW4			0.016/0.035
Yellow	ZB6CW5			0.016/0.035
Blue	ZB6CW6			0.016/0.035
Orange	ZB6CW8			0.016/0.035
6 colors (1)	ZB6CW9			0.016/0.035
Without cap (2)	ZB6CW0			0.016/0.035
Circular 	Flush			White
		Green	ZB6AW3	0.016/0.035
		Red	ZB6AW4	0.016/0.035
		Yellow	ZB6AW5	0.016/0.035
		Blue	ZB6AW6	0.016/0.035
		Orange	ZB6AW8	0.016/0.035
		6 colors (1)	ZB6AW9	0.016/0.035
		Without cap (2)	ZB6AW0	0.016/0.035
		Rectangular 	Projecting	White
Green	ZB6DE3			0.016/0.035
Red	ZB6DE4			0.016/0.035
Yellow	ZB6DE5			0.016/0.035
Blue	ZB6DE6			0.016/0.035
Orange	ZB6DE8			0.016/0.035
6 colors (1)	ZB6DE9			0.016/0.035
Without cap (2)	ZB6DW0			0.016/0.035
Square 	Projecting			White
		Green	ZB6CE3	0.016/0.035
		Red	ZB6CE4	0.016/0.035
		Yellow	ZB6CE5	0.016/0.035
		Blue	ZB6CE6	0.016/0.035
		Orange	ZB6CE8	0.016/0.035
		6 colors (1)	ZB6CE9	0.016/0.035
		Without cap (2)	ZB6CW0	0.016/0.035
		Circular 	Projecting	White
Green	ZB6AE3			0.016/0.035
Red	ZB6AE4			0.016/0.035
Yellow	ZB6AE5			0.016/0.035
Blue	ZB6AE6			0.016/0.035
Orange	ZB6AE8			0.016/0.035
6 colors (1)	ZB6AE9			0.016/0.035
Without cap (2)	ZB6AW0			0.016/0.035

(1) Separate 6 different colored caps (White, Green, Red, Yellow, Blue and Orange) included with head.

(2) To order caps separately, see page 3/24.

Assembly of other products, using:
body/contact assemblies: see page 3/22
accessories: see page 3/24

Control and signaling units Ø 16

Harmony® XB6, modular

Illuminated pushbuttons, latching, with integral LED

3



XB6DF●●●B



XB6CF●●●B



XB6AF●●●B



ZB6DF●



ZB6CF●



ZB6AF●

Illuminated pushbuttons, latching with 12...24 V integral LED

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

Complete units						
	Flush	1	-	Green	XB6DF3B1B (ZB6ZB31B + ZB6DF3)	0.022/0.049
				Red	XB6DF4B2B (ZB6ZB42B + ZB6DF4)	0.022/0.049
				White	XB6DF1B5B (ZB6ZB15B + ZB6DF1)	0.025/0.055
				Green	XB6DF3B5B (ZB6ZB35B + ZB6DF3)	0.025/0.055
				Red	XB6DF4B5B (ZB6ZB45B + ZB6DF4)	0.025/0.055
	Flush	1	-	Green	XB6CF3B1B (ZB6ZB31B + ZB6CF3)	0.022/0.049
				Red	XB6CF4B2B (ZB6ZB42B + ZB6CF4)	0.022/0.049
				White	XB6CF1B5B (ZB6ZB15B + ZB6CF1)	0.025/0.055
				Green	XB6CF3B5B (ZB6ZB35B + ZB6CF3)	0.025/0.055
				Red	XB6CF4B5B (ZB6ZB45B + ZB6CF4)	0.025/0.055
	Flush	1	-	Green	XB6AF3B1B (ZB6ZB31B + ZB6AF3)	0.022/0.049
				Red	XB6AF4B2B (ZB6ZB42B + ZB6AF4)	0.022/0.049
				White	XB6AF1B5B (ZB6ZB15B + ZB6AF1)	0.025/0.055
				Green	XB6AF3B5B (ZB6ZB35B + ZB6AF3)	0.025/0.055
				Red	XB6AF4B5B (ZB6ZB45B + ZB6AF4)	0.025/0.055

Shape of head	Type of push	Color	Reference	Weight kg/lb
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Heads only				
	Flush	White	ZB6DF1	0.016/0.035
		Green	ZB6DF3	0.016/0.035
		Red	ZB6DF4	0.016/0.035
		Yellow	ZB6DF5	0.016/0.035
		Blue	ZB6DF6	0.016/0.035
		Orange	ZB6DF8	0.016/0.035
		6 colors (1)	ZB6DF9	0.016/0.035
		Without cap (2)	ZB6DF0	0.016/0.035
	Flush	White	ZB6CF1	0.016/0.035
		Green	ZB6CF3	0.016/0.035
		Red	ZB6CF4	0.016/0.035
		Yellow	ZB6CF5	0.016/0.035
		Blue	ZB6CF6	0.016/0.035
		Orange	ZB6CF8	0.016/0.035
		6 colors (1)	ZB6CF9	0.016/0.035
		Without cap (2)	ZB6CF0	0.016/0.035
	Flush	White	ZB6AF1	0.016/0.035
		Green	ZB6AF3	0.016/0.035
		Red	ZB6AF4	0.016/0.035
		Yellow	ZB6AF5	0.016/0.035
		Blue	ZB6AF6	0.016/0.035
		Orange	ZB6AF8	0.016/0.035
		6 colors (1)	ZB6AF9	0.016/0.035
		Without cap (2)	ZB6AF0	0.016/0.035

(1) Separate 6 different colored caps (White, Green, Red, Yellow, Blue and Orange) included with head.

(2) To order caps separately, see page 3/24.

Assembly of other products, using:
body/contact assemblies: see page 3/22
accessories: see page 3/24

Control and signaling units Ø 16

Harmony® XB6, modular
Pilot lights with integral LED



XB6DV●BB



XB6CV●BB



XB6AV●BB



ZB6DV●









ZB6CV●



ZB6AV●

Pilot lights with 12...24 V integral LED

Shape of head	Color of lens cap	Reference	Weight kg/lb
Complete units			
Rectangular			
	White	XB6DV1BB (ZB6EB1B + ZB6DV1)	0.015/0.033
	Green	XB6DV3BB (ZB6EB3B + ZB6DV3)	0.015/0.033
	Red	XB6DV4BB (ZB6EB4B + ZB6DV4)	0.015/0.033
	Yellow	XB6DV5BB (ZB6EB5B + ZB6DV5)	0.015/0.033
Square			
	White	XB6CV1BB (ZB6EB1B + ZB6CV1)	0.015/0.033
	Green	XB6CV3BB (ZB6EB3B + ZB6CV3)	0.015/0.033
	Red	XB6CV4BB (ZB6EB4B + ZB6CV4)	0.015/0.033
	Yellow	XB6CV5BB (ZB6EB5B + ZB6CV5)	0.015/0.033
Circular			
	White	XB6AV1BB (ZB6EB1B + ZB6AV1)	0.015/0.033
	Green	XB6AV3BB (ZB6EB3B + ZB6AV3)	0.015/0.033
	Red	XB6AV4BB (ZB6EB4B + ZB6AV4)	0.015/0.033
	Yellow	XB6AV5BB (ZB6EB5B + ZB6AV5)	0.015/0.033
Heads only			
Rectangular			
	White	ZB6DV1	0.015/0.033
	Green	ZB6DV3	0.015/0.033
	Red	ZB6DV4	0.015/0.033
	Yellow	ZB6DV5	0.015/0.033
	Blue	ZB6DV6	0.015/0.033
	Orange	ZB6DV8	0.015/0.033
	6 colors (1)	ZB6DV9	0.015/0.033
Without lens cap (2)	ZB6DV0	0.015/0.033	
Square			
	White	ZB6CV1	0.015/0.033
	Green	ZB6CV3	0.015/0.033
	Red	ZB6CV4	0.015/0.033
	Yellow	ZB6CV5	0.015/0.033
	Blue	ZB6CV6	0.015/0.033
	Orange	ZB6CV8	0.015/0.033
	6 colors (1)	ZB6CV9	0.015/0.033
Without lens cap (2)	ZB6CV0	0.015/0.033	
Circular			
	White	ZB6AV1	0.015/0.033
	Green	ZB6AV3	0.015/0.033
	Red	ZB6AV4	0.015/0.033
	Yellow	ZB6AV5	0.015/0.033
	Blue	ZB6AV6	0.015/0.033
	Orange	ZB6AV8	0.015/0.033
	6 colors (1)	ZB6AV9	0.015/0.033
Without lens cap (2)	ZB6AV0	0.015/0.033	

(1) Separate 6 different colored lens caps (White, Green, Red, Yellow, Blue and Orange) included with head.

(2) To order lens caps separately, see page 3/24.

Assembly of other products, using:
body/contact assemblies: see page 3/22
accessories: see page 3/24

Control and signaling units Ø 16

Harmony® XB6, modular
Pushbuttons, spring return

3






XB6DA●●B



XB6CA●●B



XB6AA●●B

Pushbuttons, spring return							
Shape of head	Type of push	Type of contacts		Color	Reference	Weight	
		N/O	N/C				
kg/lb							
Complete units							
Rectangular 	Flush	1	–	White	XB6DA11B (ZB6Z1B + ZB6DA1)	0.019/0.042	
				Green	XB6DA31B (ZB6Z1B + ZB6DA3)	0.019/0.042	
		–	1	Black	XB6DA22B (ZB6Z2B + ZB6DA2)	0.019/0.042	
				Red	XB6DA42B (ZB6Z2B + ZB6DA4)	0.019/0.042	
	1	1	White	XB6DA15B (ZB6Z5B + ZB6DA1)	0.022/0.049		
			Black	XB6DA25B (ZB6Z5B + ZB6DA2)	0.022/0.049		
			Green	XB6DA35B (ZB6Z5B + ZB6DA3)	0.022/0.049		
			Red	XB6DA45B (ZB6Z5B + ZB6DA4)	0.022/0.049		
	Square 	Flush	1	–	White	XB6CA11B (ZB6Z1B + ZB6CA1)	0.019/0.042
					Green	XB6CA31B (ZB6Z1B + ZB6CA3)	0.019/0.042
			–	1	Black	XB6CA22B (ZB6Z2B + ZB6CA2)	0.019/0.042
					Red	XB6CA42B (ZB6Z2B + ZB6CA4)	0.019/0.042
1		1	White	XB6CA15B (ZB6Z5B + ZB6CA1)	0.022/0.049		
			Black	XB6CA25B (ZB6Z5B + ZB6CA2)	0.022/0.049		
			Green	XB6CA35B (ZB6Z5B + ZB6CA3)	0.022/0.049		
			Red	XB6CA45B (ZB6Z5B + ZB6CA4)	0.022/0.049		
Circular 		Flush	1	–	White	XB6AA11B (ZB6Z1B + ZB6AA1)	0.019/0.042
					Green	XB6AA31B (ZB6Z1B + ZB6AA3)	0.019/0.042
			–	1	Black	XB6AA22B (ZB6Z2B + ZB6AA2)	0.019/0.042
					Red	XB6AA42B (ZB6Z2B + ZB6AA4)	0.019/0.042
	1	1	White	XB6AA15B (ZB6Z5B + ZB6AA1)	0.022/0.049		
			Black	XB6AA25B (ZB6Z5B + ZB6AA2)	0.022/0.049		
			Green	XB6AA35B (ZB6Z5B + ZB6AA3)	0.022/0.049		
			Red	XB6AA45B (ZB6Z5B + ZB6AA4)	0.022/0.049		
	Rectangular	Projecting	–	1	Red	XB6DL42B	0.020/0.044
	Square	Projecting	–	1	Red	XB6CL42B	0.020/0.044
	Circular	Projecting	–	1	Red	XB6AL42B	0.020/0.044

Assembly of other products, using:
body/contact assemblies: see page 3/22
accessories: see page 3/24

Control and signaling units Ø 16

Harmony® XB6, modular
Pushbuttons, spring return



ZB6DA●







ZB6CA●



ZB6AA●



ZB6AC●

Pushbuttons, spring return (continued)						
Shape of head	Type of push	Color of push	Reference	Weight kg/lb		
Heads only						
Rectangular 	Flush	White	ZB6DA1	0.016/0.035		
		Black	ZB6DA2	0.016/0.035		
		Green	ZB6DA3	0.016/0.035		
		Red	ZB6DA4	0.016/0.035		
		Yellow	ZB6DA5	0.016/0.035		
		Blue	ZB6DA6	0.016/0.035		
		6 colors (1)	ZB6DA9	0.016/0.035		
		Without cap (2)	ZB6DA0	0.016/0.035		
		Square 	Flush	White	ZB6CA1	0.016/0.035
				Black	ZB6CA2	0.016/0.035
Green	ZB6CA3			0.016/0.035		
Red	ZB6CA4			0.016/0.035		
Yellow	ZB6CA5			0.016/0.035		
Blue	ZB6CA6			0.016/0.035		
6 colors (1)	ZB6CA9			0.016/0.035		
Without cap (2)	ZB6CA0			0.016/0.035		
Circular 	Flush			White	ZB6AA1	0.016/0.035
				Black	ZB6AA2	0.016/0.035
		Green	ZB6AA3	0.016/0.035		
		Red	ZB6AA4	0.016/0.035		
		Yellow	ZB6AA5	0.016/0.035		
		Blue	ZB6AA6	0.016/0.035		
		6 colors (1)	ZB6AA9	0.016/0.035		
		Without cap (2)	ZB6AA0	0.016/0.035		
			Ø 24 mm mushroom head	White	ZB6AC1	0.020/0.044
				Black	ZB6AC2	0.020/0.044
Green	ZB6AC3			0.020/0.044		
Yellow	ZB6AC5			0.020/0.044		
Blue	ZB6AC6			0.020/0.044		

(1) Separate 6 different colored lens caps (White, Green, Red, Yellow, Blue and Orange) included with head.

(2) To order lens caps separately, see page 3/24.

Assembly of other products, using:
body/contact assemblies: see page 3/22
accessories: see page 3/24

Control and signaling units Ø 16

Harmony® XB6, modular

Emergency stop devices



Conforming to EN/IEC 60204-1 and EN/ISO 13850 and to Machinery Directive 98/37/EC

Emergency stop trigger action and mechanical latching pushbuttons conform to standards EN/IEC 60204-1 and EN/ISO 13850, to Machinery Directive 98/37/EC and to standard EN/IEC 60947-5-5. Please consult our Customer Care Centre for explanation of these standards and directives.

Emergency stop trigger action and mechanical latching pushbuttons



Shape of head	Type of reset	Type of contacts		Diameter of push mm/in.	Color	Reference	Weight kg/lb
		N/O	N/C				

Complete units

	Turn to release	1	2	30/1.181	Red	XB6AS8349B (ZB6Z4B + ZB6AS834)	0.041/0.090
	Key release (key n° 200)	1	2	30/1.181	Red	XB6AS9349B (ZB6Z4B + ZB6AS934)	0.056/0.123

Shape of head	Type of reset	Diameter of push mm/in.	Color of cap	Reference	Weight kg/lb
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Heads only

	Turn to release	30/1.181	Red	ZB6AS834	0.035/0.077
	Key release (key n° 200)	30/1.181	Red	ZB6AS934	0.050/0.110

3



XB6AS8349B



XB6AS9349B



ZB6AS834



ZB6AS934

Assembly of other products, using:
body/contact assemblies: see page 3/22
accessories: see page 3/24

Control and signaling units Ø 16

Harmony® XB6, modular
Selector switches with standard handle






XB6DD●●●B



XB6CD●●●B



XB6AD●●●B

Selector switches with standard handle (switching angle: 60°)						
Shape of head	Color of handle	Type of contacts		Number and type of positions	Reference	Weight
		N/O	N/C			
Complete units						
Rectangular 	Black	1	–	2 - stay put ↙	XB6DD221B (ZB6Z1B + ZB6DD22)	0.021/0.046
		1	1	2 - stay put ↙	XB6DD225B (ZB6Z5B + ZB6DD22)	0.024/0.053
				3 - stay put ↘	XB6DD235B (ZB6Z5B + ZB6DD23)	0.024/0.053
Square 	Black	1	–	2 - stay put ↙	XB6CD221B (ZB6Z1B + ZB6CD22)	0.021/0.046
		1	1	2 - stay put ↙	XB6CD225B (ZB6Z5B + ZB6CD22)	0.024/0.053
				3 - stay put ↘	XB6CD235B (ZB6Z5B + ZB6CD23)	0.024/0.053
Circular 	Black	1	–	2 - stay put ↙	XB6AD221B (ZB6Z1B + ZB6AD22)	0.021/0.046
		1	1	2 - stay put ↙	XB6AD225B (ZB6Z5B + ZB6AD22)	0.024/0.053
				3 - stay put ↘	XB6AD235B (ZB6Z5B + ZB6AD23)	0.024/0.053

3

Assembly of other products, using:
body/contact assemblies: see page 3/22
accessories: see page 3/24

Control and signaling units Ø 16

Harmony® XB6, modular

Selector switches with standard handle



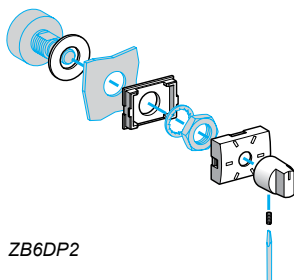
ZB6DD●●



ZB6CD●●



ZB6AD●●





ZB6DP2


Selector switches with standard handle (continued)

Shape of head	Number and type of positions	Color of handle	Reference	Weight kg/lb
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
Heads only (switching angle: stay put positions 60°, spring return positions 45°)


Shape of head	Number and type of positions	Color of handle	Reference	Weight kg/lb
Rectangular 	2 - stay put	Black	ZB6DD22	0.018/0.040
		Red	ZB6DD42	0.018/0.040
	3 - stay put	Black	ZB6DD23	0.018/0.040
		Red	ZB6DD43	0.018/0.040
	2 - spring return to centre	Black	ZB6DD24	0.018/0.040
		Red	ZB6DD44	0.018/0.040
	3 - spring return to centre	Black	ZB6DD25	0.018/0.040
		Red	ZB6DD45	0.018/0.040
	3 - spring return from right to centre	Black	ZB6DD26	0.018/0.040
		Red	ZB6DD46	0.018/0.040
	3 - spring return from left to centre	Black	ZB6DD27	0.018/0.040
		Red	ZB6DD47	0.018/0.040


Shape of head	Number and type of positions	Color of handle	Reference	Weight kg/lb
Square 	2 - stay put	Black	ZB6CD22	0.018/0.040
		Red	ZB6CD42	0.018/0.040
	3 - stay put	Black	ZB6CD23	0.018/0.040
		Red	ZB6CD43	0.018/0.040
	2 - spring return to centre	Black	ZB6CD24	0.018/0.040
		Red	ZB6CD44	0.018/0.040
	3 - spring return to centre	Black	ZB6CD25	0.018/0.040
		Red	ZB6CD45	0.018/0.040
	3 - spring return from right to centre	Black	ZB6CD26	0.018/0.040
		Red	ZB6CD46	0.018/0.040
	3 - spring return from left to centre	Black	ZB6CD27	0.018/0.040
		Red	ZB6CD47	0.018/0.040

Shape of head	Number and type of positions	Color of handle	Reference	Weight kg/lb
Circular 	2 - stay put	Black	ZB6AD22	0.018/0.040
		Red	ZB6AD42	0.018/0.040
	3 - stay put	Black	ZB6AD23	0.018/0.040
		Red	ZB6AD43	0.018/0.040
	2 - spring return to centre	Black	ZB6AD24	0.018/0.040
		Red	ZB6AD44	0.018/0.040
	3 - spring return to centre	Black	ZB6AD25	0.018/0.040
		Red	ZB6AD45	0.018/0.040
	3 - spring return from right to centre	Black	ZB6AD26	0.018/0.040
		Red	ZB6AD46	0.018/0.040
	3 - spring return from left to centre	Black	ZB6AD27	0.018/0.040
		Red	ZB6AD47	0.018/0.040


Heads only (switching angle: stay put positions 90°)

Shape of head	Number and type of positions	Color of handle	Reference	Weight kg/lb
Rectangular 	2 - stay put	Black	ZB6DD28	0.018/0.040
		Red	ZB6DD48	0.018/0.040

Shape of head	Number and type of positions	Color of handle	Reference	Weight kg/lb
Square 	2 - stay put	Black	ZB6CD28	0.018/0.040
		Red	ZB6CD48	0.018/0.040







Shape of head	Number and type of positions	Color of handle	Reference	Weight kg/lb
Circular 	2 - stay put	Black	ZB6AD28	0.018/0.040
		Red	ZB6AD48	0.018/0.040

Heads + mounting base for potentiometer




Shape of head	Description	For use with	Reference	Weight kg/lb
	For potentiometer with shaft length 5...8 mm/0.197...0.315 in. (potentiometer not included)	Ø 6.35 mm/0.250 in. shaft	ZB6DP2	0.032/0.071

Illuminated selector switches with 12...24 V integral LED ▲						
Shape of head	Color of push	Type of contacts		Number and type of positions	Reference (1)	Weight
		N/O	N/C			

Complete units (switching angle: stay put positions 60°)

 XB6DK●●●●B		White	1	1	2 - stay put	XB6DK1B25B (ZB6YK1+ ZB6DD02 + ZB6ZB15B)	0.024/0.053
		Green	1	1	2 - stay put	XB6DK3B25B (ZB6YK3+ ZB6DD02 + ZB6ZB35B)	0.024/0.053
		Red	1	1	2 - stay put	XB6DK4B25B (ZB6YK4+ ZB6DD02 + ZB6ZB45B)	0.024/0.053
		White	1	1	3 - stay put	XB6DK1B35B (ZB6YK1+ ZB6DD03 + ZB6ZB15B)	0.024/0.053
		Green	1	1	3 - stay put	XB6DK3B35B (ZB6YK3+ ZB6DD03 + ZB6ZB35B)	0.024/0.053
		Red	1	1	3 - stay put	XB6DK4B35B (ZB6YK4+ ZB6DD03 + ZB6ZB45B)	0.024/0.053
		White	1	1	2 - stay put	XB6CK1B25B (ZB6YK1+ ZB6CD02 + ZB6ZB15B)	0.024/0.053
		Green	1	1	2 - stay put	XB6CK3B25B (ZB6YK3+ ZB6CD02 + ZB6ZB35B)	0.024/0.053
		Red	1	1	2 - stay put	XB6CK4B25B (ZB6YK4+ ZB6CD02 + ZB6ZB45B)	0.024/0.053
 XB6CK●●●●B		White	1	1	3 - stay put	XB6CK1B35B (ZB6YK1+ ZB6CD03 + ZB6ZB15B)	0.024/0.053
		Green	1	1	3 - stay put	XB6CK3B35B (ZB6YK3+ ZB6CD03 + ZB6ZB35B)	0.024/0.053
		Red	1	1	3 - stay put	XB6CK4B35B (ZB6YK4+ ZB6CD03 + ZB6ZB45B)	0.024/0.053
		White	1	1	2 - stay put	XB6AK1B25B (ZB6YK1+ ZB6AD02 + ZB6ZB15B)	0.024/0.053
		Green	1	1	2 - stay put	XB6AK3B25B (ZB6YK3+ ZB6AD02 + ZB6ZB35B)	0.024/0.053
		Red	1	1	2 - stay put	XB6AK4B25B (ZB6YK4+ ZB6AD02 + ZB6ZB45B)	0.024/0.053
		White	1	1	3 - stay put	XB6AK1B35B (ZB6YK1+ ZB6AD03 + ZB6ZB15B)	0.024/0.053
		Green	1	1	3 - stay put	XB6AK3B35B (ZB6YK3+ ZB6AD03 + ZB6ZB35B)	0.024/0.053
		Red	1	1	3 - stay put	XB6AK4B35B (ZB6YK4+ ZB6AD03 + ZB6ZB45B)	0.024/0.053

Complete units (switching angle: stay put positions 90°)

	White	1	1	2 - stay put	XB6DK1B85B (ZB6YK1+ ZB6DD08 + ZB6ZB15B)	0.024/0.053
	Green	1	1	2 - stay put	XB6DK3B85B (ZB6YK3+ ZB6DD08 + ZB6ZB35B)	0.024/0.053
	Red	1	1	2 - stay put	XB6DK4B85B (ZB6YK4+ ZB6DD08 + ZB6ZB45B)	0.024/0.053
	White	1	1	2 - stay put	XB6CK1B85B (ZB6YK1+ ZB6CD08 + ZB6ZB15B)	0.024/0.053
	Green	1	1	2 - stay put	XB6CK3B85B (ZB6YK3+ ZB6CD08 + ZB6ZB35B)	0.024/0.053
	Red	1	1	2 - stay put	XB6CK4B85B (ZB6YK4+ ZB6CD08 + ZB6ZB45B)	0.024/0.053
	White	1	1	2 - stay put	XB6AK1B85B (ZB6YK1+ ZB6AD08 + ZB6ZB15B)	0.024/0.053
	Green	1	1	2 - stay put	XB6AK3B85B (ZB6YK3+ ZB6AD08 + ZB6ZB35B)	0.024/0.053
	Red	1	1	2 - stay put	XB6AK4B85B (ZB6YK4+ ZB6AD08 + ZB6ZB45B)	0.024/0.053

(1) The reference of the complete selector switch is shown on the 1st line. The references of handles + heads + bodies are shown in brackets below.

Assembly of other products, using:
body/contact assemblies: see page 3/22
accessories: see page 3/24

Control and signaling units Ø 16

Harmony® XB6, modular

Illuminated and non illuminated selector switches



ZB6YK●



ZB6DD0●



ZB6CD0●



ZB6AD0●

Handles

Description	Color	Sold in lots of	Unit reference	Weight kg/lb
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Component parts

Handles for illuminated selector switches (1)				
	White	5	ZB6YK1	0.002/0.004
	Green	5	ZB6YK3	0.002/0.004
	Red	5	ZB6YK4	0.002/0.004
	Yellow	5	ZB6YK5	0.002/0.004
	Blue	5	ZB6YK6	0.002/0.004
	Orange	5	ZB6YK8	0.002/0.004

Replacement parts

Handles for non illuminated selector switches (2)				
	Black	1	ZB6YD2	0.002/0.004
	Red	1	ZB6YD4	0.002/0.004

Heads for selector switches, without handle (3)

Shape of head	Number and type of positions	Reference	Weight kg/lb
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Heads only (switching angle: stay put positions 60°, spring return positions 45°)

Rectangular 	2 - stay put		ZB6DD02	0.016/0.035	
	3 - stay put		ZB6DD03	0.016/0.035	
	2 - spring return to centre		ZB6DD04	0.016/0.035	
	3 - spring return to centre		ZB6DD05	0.016/0.035	
	3 - spring return from right to centre		ZB6DD06	0.016/0.035	
	3 - spring return from left to centre		ZB6DD07	0.016/0.035	
	Square 	2 - stay put		ZB6CD02	0.016/0.035
3 - stay put			ZB6CD03	0.016/0.035	
2 - spring return to centre			ZB6CD04	0.016/0.035	
3 - spring return to centre			ZB6CD05	0.016/0.035	
3 - spring return from right to centre			ZB6CD06	0.016/0.035	
3 - spring return from left to centre			ZB6CD07	0.016/0.035	
Circular 		2 - stay put		ZB6AD02	0.016/0.035
	3 - stay put		ZB6AD03	0.016/0.035	
	2 - spring return to centre		ZB6AD04	0.016/0.035	
	3 - spring return to centre		ZB6AD05	0.016/0.035	
	3 - spring return from right to centre		ZB6AD06	0.016/0.035	
	3 - spring return from left to centre		ZB6AD07	0.016/0.035	
	Heads only (switching angle: stay put positions 90°)	Rectangular 	2 - stay put		ZB6DD08
Square 		2 - stay put		ZB6CD08	0.016/0.035
Circular 		2 - stay put		ZB6AD08	0.016/0.035

(1) Handle for use in conjunction with a head without a handle (see page 3/17), and a body sub-assembly for illuminated pushbuttons (see page 3/22)

(2) Handle for use in conjunction with a head without a handle (see page 3/17), and a body sub-assembly for non illuminated pushbuttons (see page 3/22)

(3) Handle to be ordered separately (see page 3/17) for bodies with 2 contact blocks maximum.

Assembly of other products, using:
body/contact assemblies: see page 3/22
accessories: see page 3/24

Control and signaling units Ø 16

Harmony® XB6, modular

Key switches



XB6DG...B



ZB6DG...

Key switches (Ronis key n° 200) (1) (2)					
Shape of head	Number and type of positions	Type of contacts		Reference	Weight kg/lb

Complete units (switching angle: 70°)						
	2 - stay put		1	1	XB6DGC5B (ZB6Z5B + ZB6DGC)	0.036/0.079
	3 - stay put		1	1	XB6DGH5B (ZB6Z5B + ZB6DGH)	0.036/0.079
	2 - stay put		1	1	XB6CGC5B (ZB6Z5B + ZB6CGC)	0.036/0.079
	3 - stay put		1	1	XB6CGH5B (ZB6Z5B + ZB6CGH)	0.036/0.079
	2 - stay put		1	1	XB6AGC5B (ZB6Z5B + ZB6AGC)	0.036/0.079
	3 - stay put		1	1	XB6AGH5B (ZB6Z5B + ZB6AGH)	0.036/0.079

Shape of head	Number and type of positions (3)	Key withdrawal	Reference	Weight kg/lb
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Heads only (switching angle: stay put positions 70°, spring return positions 45°)								
	2 - stay put		RH position	ZB6DGA	0.030/0.066			
			Centre position	ZB6DGB (4)	0.030/0.066			
			Both positions	ZB6DGC (4)	0.030/0.066			
	2 - spring return	3 - stay put		Centre position	ZB6DGL	0.030/0.066		
				LH position	ZB6DGD	0.030/0.066		
				Centre position	ZB6DGE (4)	0.030/0.066		
		3 - spring return from left to centre		LH and Centre positions	ZB6DGF	0.030/0.066		
					RH position	ZB6DGG	0.030/0.066	
					All positions	ZB6DGH (4)	0.030/0.066	
			3 - spring return from right to centre		RH and LH positions	ZB6DGJ	0.030/0.066	
						RH and Centre positions	ZB6DGK	0.030/0.066
					3 - spring return to centre		RH position	ZB6DGM
						Centre position	ZB6DGN	0.030/0.066
						RH and Centre positions	ZB6DGP	0.030/0.066
				3 - spring return from right to centre		LH position	ZB6DGQ	0.030/0.066
	Centre position	ZB6DGR	0.030/0.066					
	LH and Centre positions	ZB6DGS	0.030/0.066					
3 - spring return to centre		Centre position	ZB6DGT	0.030/0.066				

(1) Key n° 200, withdrawal from all positions.

(2) To order a key switch with DOM 311 key, add the suffix 1 to the references selected above.
Example: **ZB6DGA1**.

(3) The symbol indicates the key withdrawal position.

(4) Also available with Ronis key numbers: 201, 202 and 203. To order, add the key number to the end of the reference. Example: for key switch **ZB6DGB** with Ronis key n° 201, the reference becomes: **ZB6DGB201**

Assembly of other products, using:
body/contact assemblies: see page 3/22
accessories: see page 3/24

Control and signaling units Ø 16

Harmony® XB6, modular Key switches



ZB6CG●

Key switches (Ronis key n° 200) (1) (2) (continued)					
Shape of head	Number and type of positions (3)	Key withdrawal	Reference	Weight kg/lb	
Heads only (switching angle: stay put positions 70°, spring return positions 45°) (continued)					
Square 	2 - stay put		RH position	ZB6CGA	0.030/0.066
			Centre position	ZB6CGB (4)	0.030/0.066
			Both positions	ZB6CGC (4)	0.030/0.066
	2 - spring return		Centre position	ZB6CGL	0.030/0.066
	3 - stay put		LH position	ZB6CGD	0.030/0.066
			Centre position	ZB6CGE (4)	0.030/0.066
			LH and Centre positions	ZB6CGF	0.030/0.066
			RH position	ZB6CGG	0.030/0.066
			All positions	ZB6CGH (4)	0.030/0.066
			RH and LH positions	ZB6CGJ	0.030/0.066
			RH and Centre positions	ZB6CGK	0.030/0.066
	3 - spring return from left to centre		RH position	ZB6CGM	0.030/0.066
			Centre position	ZB6CGN	0.030/0.066
			RH and Centre positions	ZB6CGP	0.030/0.066
	3 - spring return from right to centre		LH position	ZB6CGQ	0.030/0.066
Centre position			ZB6CGR	0.030/0.066	
		LH and Centre positions	ZB6CGS	0.030/0.066	
3 - spring return to centre		Centre position	ZB6CGT	0.030/0.066	

(1) Key n° 200, withdrawal from all positions.

(2) To order a key switch with DOM 311 key, add the suffix 1 to the references selected above.
Example: **ZB6CGA1**.

(3) The symbol indicates the key withdrawal position.

(4) Also available with Ronis key numbers: 201, 202 and 203. To order, add the key number to the end of the reference. Example: for key switch **ZB6CGB** with Ronis key n° 201, the reference becomes: **ZB6CGB201**.

Control and signaling units Ø 16

Harmony® XB6, modular

Key switches



ZB6AG●

Key switches (Ronis key n° 200) (continued) (1)					
Shape of head	Number and type of positions (3)	Key withdrawal	Reference	Weight kg/lb	
Heads only (switching angle: stay put positions 70°, spring return positions 45°) (continued)					
Circular 	2 - stay put		RH position	ZB6AGA	0.030/0.066
			Centre position	ZB6AGB (2)	0.030/0.066
			Both positions	ZB6AGC (2)	0.030/0.066
	2 - spring return from right to centre		Centre position	ZB6AGL	0.030/0.066
	3 - stay put		LH position	ZB6AGD	0.030/0.066
			Centre position	ZB6AGE (2)	0.030/0.066
			LH and Centre positions	ZB6AGF	0.030/0.066
			RH position	ZB6AGG	0.030/0.066
			All positions	ZB6AGH (2)	0.030/0.066
			RH and LH positions	ZB6AGJ	0.030/0.066
			RH and Centre positions	ZB6AGK	0.030/0.066
	3 - spring return from left to centre		RH position	ZB6AGM	0.030/0.066
			Centre position	ZB6AGN	0.030/0.066
			RH and Centre positions	ZB6AGP	0.030/0.066
	3 - spring return from right to centre		Left-hand position	ZB6AGQ	0.030/0.066
		Centre position	ZB6AGR	0.030/0.066	
		LH and Centre positions	ZB6AGS	0.030/0.066	
3 - spring return to centre		Centre position	ZB6AGT	0.030/0.066	

(1) To order a key switch with DOM 311 key, add the suffix 1 to the references selected above.
Example: **ZB6AGA1**.

(2) Also available with Ronis key numbers: 201, 202 and 203. To order, add the key number to the end of the reference. Example: for key switch **ZB6AGB** with Ronis key n° 201, the reference becomes: **ZB6AGB201**.

(3) The symbol indicates the key withdrawal position.

To combine with heads:
see page 3/8



ZB6ZB●●B



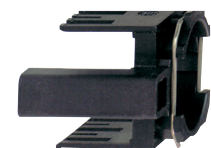
ZB6ZH0●B



ZB6Z●B



ZB6Y009



ZB6Y011

Complete bodies for illuminated pushbuttons (1)

Description	Supply voltage V	Type of contacts		Color of light source	Reference	Weight kg/lb
		N/O	N/C			
Faston connectors						
Fixing collar + contact block + LED (2)	≈ 12...24	1	–	White	ZB6ZB11B	0.006/0.013
				Green	ZB6ZB31B	0.006/0.013
				Yellow	ZB6ZB51B	0.006/0.013
		–	1	Red	ZB6ZB42B	0.006/0.013
				Yellow	ZB6ZB52B	0.006/0.013
		1	1	White	ZB6ZB15B	0.009/0.020
				Green	ZB6ZB35B	0.009/0.020
				Red	ZB6ZB45B	0.009/0.020
				Yellow	ZB6ZB55B	0.009/0.020
				Blue	ZB6ZB65B	0.009/0.020
Direct supply Fixing collar + contact block for incandescent bulb (not included) T1 1/4 (3)	3...24	1	–	–	ZB6ZH01B	0.006/0.013
		–	1	–	ZB6ZH02B	0.006/0.013
		1	1	–	ZB6ZH05B	0.009/0.020

Complete bodies for pushbuttons or selector switches

Description	Supply voltage V	Type of contacts		Reference	Weight kg/lb
		N/O	N/C		
Faston connectors					
Direct supply Fixing collar + contact block	≤ 250	1	–	ZB6Z1B	0.004/0.009
		–	1	ZB6Z2B	0.004/0.009
		2	–	ZB6Z3B	0.006/0.013
		–	2	ZB6Z4B	0.006/0.013
		1	1	ZB6Z5B	0.006/0.013

Accessories

Description ³	Application	Sold in lots of	Unit reference	Weight kg/lb
Body/fixing collar	For mounting contact blocks and light source	10	ZB6Y009	0.002/0.004
Body bracket (fixing screws included)	Printed circuit board mounting	4	ZB6Y011	0.010/0.022

(1) It is possible to assemble illuminated selector switches by using an illuminated pushbutton body sub-assembly in conjunction with a selector switch head supplied without handle and a transparent handle (see page 3/18).

(2) The color of the LED must be the same as that of the pushbutton cap.

(3) Bulb to be ordered separately (see page 3/31).

To combine with heads:
see page 3/8



ZB6EB0B



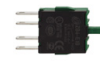
ZB6EH0B



ZB6EB0A



ZB6EH0A



ZB6E0B

Complete bodies for pilot lights (light source)

Description	Supply voltage V	Sold in lots of	Color of light source	Unit reference	Weight kg/lb		
Faston connectors (direct mounting by the head)							
Integral LED (1)	~ 12...24	5	White	ZB6EB1B	0.003/0.007		
			Green	ZB6EB3B	0.003/0.007		
			Red	ZB6EB4B	0.003/0.007		
			Yellow	ZB6EB5B	0.003/0.007		
			Blue	ZB6EB6B	0.003/0.007		
			Orange	ZB6EB8B	0.003/0.007		
			~ 48...120	5	White	ZB6EG1B	0.003/0.007
					Green	ZB6EG3B	0.003/0.007
Red	ZB6EG4B	0.003/0.007					
Yellow	ZB6EG5B	0.003/0.007					
Blue	ZB6EG6B	0.003/0.007					
Orange	ZB6EG8B	0.003/0.007					
~ 230...240	5	White			ZB6EM1B	0.003/0.007	
		Green			ZB6EM3B	0.003/0.007	
		Red	ZB6EM4B	0.003/0.007			
		Yellow	ZB6EM5B	0.003/0.007			
		Blue	ZB6EM6B	0.003/0.007			
		Orange	ZB6EM8B	0.003/0.007			

With resistor for 95 V neon bulb (not included) T1 1/4 (2) (3)	~ 120	5	–	ZB6EG0B	0.003/0.007
	~ 230	5	–	ZB6EM0B	0.003/0.007

Direct supply for 0.6 W max. incandescent bulb (not included) T1 1/4 (2)	~ ≤ 24	5	–	ZB6EH0B	0.003/0.007
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Pins for printed circuit board connection (mounting by the body, see page 3/22)

Integral LED (1)	~ 12...24	5	White	ZB6EB1A	0.003/0.007
			Green	ZB6EB3A	0.003/0.007
			Red	ZB6EB4A	0.003/0.007
			Yellow	ZB6EB5A	0.003/0.007
			Blue	ZB6EB6A	0.003/0.007
			Orange	ZB6EB8A	0.003/0.007

Direct supply for 0.6 W max. incandescent bulb (not included) T1 1/4 (2)	~ 3...24	5	–	ZB6EH0A	0.003/0.007
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Separate contact blocks

Type of contacts	For use with bodies	Type of contacts		Sold in lots of	Unit reference	Weight kg/lb
		N/O	N/C			
Silver alloy	Faston	1	–	10	ZB6E1B	0.004/0.009
		–	1	10	ZB6E2B	0.004/0.009
	Printed circuit ZB6Y011	1	–	10	ZB6E1A	0.004/0.009
		–	1	10	ZB6E2A	0.004/0.009
Gold flashed	Faston	1	–	10	ZB6E1E	0.004/0.009
		–	1	10	ZB6E2E	0.004/0.009
	Printed circuit ZB6Y011	1	–	10	ZB6E1D	0.004/0.009
		–	1	10	ZB6E2D	0.004/0.009

(1) The color of the LED must be same as that of the pushbutton cap.

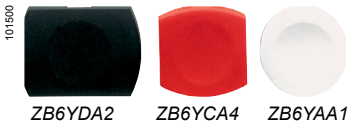
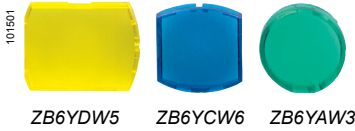
(2) Bulb to be ordered separately (see page 3/31).

(3) Neon bulbs must only be used with Red, Yellow or White lens caps.

To combine with heads:
see page 3/8



3



Unmarked lens caps

Application	Color of lens cap	Sold in lots of	Unit reference			Weight kg/lb
			Rectangular head	Square head	Circular head	
Pilot lights	White	10	ZB6YDV1	ZB6YCV1	ZB6YAV1	0.001/0.002
	Green	10	ZB6YDV3	ZB6YCV3	ZB6YAV3	0.001/0.002
	Red	10	ZB6YDV4	ZB6YCV4	ZB6YAV4	0.001/0.002
	Yellow	10	ZB6YDV5	ZB6YCV5	ZB6YAV5	0.001/0.002
	Blue	10	ZB6YDV6	ZB6YCV6	ZB6YAV6	0.001/0.002
	Orange	10	ZB6YDV8	ZB6YCV8	ZB6YAV8	0.001/0.002

Pushbutton caps - unmarked

Application	Color of cap	Sold in lots of	Unit reference			Weight kg/lb
			Rectangular head	Square head	Circular head	
Illuminated pushbuttons, with flush push	White	10	ZB6YDW1	ZB6YCW1	ZB6YAW1	0.001/0.002
	Green	10	ZB6YDW3	ZB6YCW3	ZB6YAW3	0.001/0.002
	Red	10	ZB6YDW4	ZB6YCW4	ZB6YAW4	0.001/0.002
	Yellow	10	ZB6YDW5	ZB6YCW5	ZB6YAW5	0.001/0.002
	Blue	10	ZB6YDW6	ZB6YCW6	ZB6YAW6	0.001/0.002
	Orange	10	ZB6YDW8	ZB6YCW8	ZB6YAW8	0.001/0.002
Illuminated pushbuttons, with projecting push	White	10	ZB6YDE1	ZB6YCE1	ZB6YAE1	0.001/0.002
	Green	10	ZB6YDE3	ZB6YCE3	ZB6YAE3	0.001/0.002
	Red	10	ZB6YDE4	ZB6YCE4	ZB6YAE4	0.001/0.002
	Yellow	10	ZB6YDE5	ZB6YCE5	ZB6YAE5	0.001/0.002
	Blue	10	ZB6YDE6	ZB6YCE6	ZB6YAE6	0.001/0.002
	Orange	10	ZB6YDE8	ZB6YCE8	ZB6YAE8	0.001/0.002
Non illuminated pushbuttons	White	10	ZB6YDA1	ZB6YCA1	ZB6YAA1	0.001/0.002
	Black	10	ZB6YDA2	ZB6YCA2	ZB6YAA2	0.001/0.002
	Green	10	ZB6YDA3	ZB6YCA3	ZB6YAA3	0.001/0.002
	Red	10	ZB6YDA4	ZB6YCA4	ZB6YAA4	0.001/0.002
	Yellow	10	ZB6YDA5	ZB6YCA5	ZB6YAA5	0.001/0.002
	Blue	10	ZB6YDA6	ZB6YCA6	ZB6YAA6	0.001/0.002

To combine with heads:
see page 3/8



ZB6YD●00



ZB6YC●00



ZB6YA●00

Pushbutton caps - marked

Marking	Color of cap	Sold in lots of	Unit reference			Weight kg/lb
White on colored cap Black on white cap			Rectangular head	Square head	Circular head	

For non illuminated, flush pushbuttons

Marking	Color of cap	Sold in lots of	Unit reference	Unit reference	Unit reference	Weight kg/lb
0	White	10	ZB6YD100	ZB6YC100	ZB6YA100	0.001/0.002
	Black	10	ZB6YD200	ZB6YC200	ZB6YA200	0.001/0.002
1	White	10	ZB6YD101	ZB6YC101	ZB6YA101	0.001/0.002
	Black	10	ZB6YD201	ZB6YC201	ZB6YA201	0.001/0.002
2	White	10	ZB6YD102	ZB6YC102	ZB6YA102	0.001/0.002
	Black	10	ZB6YD202	ZB6YC202	ZB6YA202	0.001/0.002
3	White	10	ZB6YD103	ZB6YC103	ZB6YA103	0.001/0.002
	Black	10	ZB6YD203	ZB6YC203	ZB6YA203	0.001/0.002
4	White	10	ZB6YD104	ZB6YC104	ZB6YA104	0.001/0.002
	Black	10	ZB6YD204	ZB6YC204	ZB6YA204	0.001/0.002
5	White	10	ZB6YD105	ZB6YC105	ZB6YA105	0.001/0.002
	Black	10	ZB6YD205	ZB6YC205	ZB6YA205	0.001/0.002
6	White	10	ZB6YD106	ZB6YC106	ZB6YA106	0.001/0.002
	Black	10	ZB6YD206	ZB6YC206	ZB6YA206	0.001/0.002
7	White	10	ZB6YD107	ZB6YC107	ZB6YA107	0.001/0.002
	Black	10	ZB6YD207	ZB6YC207	ZB6YA207	0.001/0.002
8	White	10	ZB6YD108	ZB6YC108	ZB6YA108	0.001/0.002
	Black	10	ZB6YD208	ZB6YC208	ZB6YA208	0.001/0.002
9	White	10	ZB6YD109	ZB6YC109	ZB6YA109	0.001/0.002
	Black	10	ZB6YD209	ZB6YC209	ZB6YA209	0.001/0.002
I	White	10	ZB6YD111	ZB6YC111	ZB6YA111	0.001/0.002
	Green	10	ZB6YD311	ZB6YC311	ZB6YA311	0.001/0.002
O	Black	10	ZB6YD210	ZB6YC210	ZB6YA210	0.001/0.002
	Red	10	ZB6YD410	ZB6YC410	ZB6YA410	0.001/0.002

To combine with heads:
see page 3/8



ZB6YD●16



ZB6YC441



ZB6YA●24

Pushbutton caps - marked (continued)

Marking	Color of cap	Sold in lots of	Unit reference	Weight kg/lb		
White on colored cap – Black on white cap	–	–	Rectangular head 	Square head 	Circular head 	
For non illuminated, flush pushbuttons (continued)						
II	White	5	ZB6YD112	ZB6YC112	ZB6YA112	0.001/0.002
	Black	5	ZB6YD212	ZB6YC212	ZB6YA212	0.001/0.002
III	White	5	ZB6YD113	ZB6YC113	ZB6YA113	0.001/0.002
	Black	5	ZB6YD213	ZB6YC213	ZB6YA213	0.001/0.002
+	White	5	ZB6YD114	ZB6YC114	ZB6YA114	0.001/0.002
	Black	5	ZB6YD214	ZB6YC214	ZB6YA214	0.001/0.002
-	White	5	ZB6YD115	ZB6YC115	ZB6YA115	0.001/0.002
	Black	5	ZB6YD215	ZB6YC215	ZB6YA215	0.001/0.002
MARCHE	White	5	ZB6YD116	ZB6YC116	ZB6YA116	0.001/0.002
	Green	5	ZB6YD316	ZB6YC316	ZB6YA316	0.001/0.002
ON	White	5	ZB6YD117	ZB6YC117	ZB6YA117	0.001/0.002
	Green	5	ZB6YD317	ZB6YC317	ZB6YA317	0.001/0.002
START	Green	5	ZB6YD340	ZB6YC340	ZB6YA340	0.001/0.002
EIN	White	5	ZB6YD118	ZB6YC118	ZB6YA118	0.001/0.002
	Green	5	ZB6YD318	ZB6YC318	ZB6YA318	0.001/0.002
ARRET	Black	5	ZB6YD223	ZB6YC223	ZB6YA223	0.001/0.002
	Red	5	ZB6YD423	ZB6YC423	ZB6YA423	0.001/0.002
STOP	Red	5	ZB6YD441	ZB6YC441	ZB6YA441	0.001/0.002
OFF	Black	5	ZB6YD224	ZB6YC224	ZB6YA224	0.001/0.002
	Red	5	ZB6YD424	ZB6YC424	ZB6YA424	0.001/0.002
AUS	Black	5	ZB6YD225	ZB6YC225	ZB6YA225	0.001/0.002
	Red	5	ZB6YD425	ZB6YC425	ZB6YA425	0.001/0.002
R	Blue	5	ZB6YD626	ZB6YC626	ZB6YA626	0.001/0.002
MONTEE	White	5	ZB6YD129	ZB6YC129	ZB6YA129	0.001/0.002
	Black	5	ZB6YD229	ZB6YC229	ZB6YA229	0.001/0.002

To combine with heads:
see page 3/8



ZB6YD●19






ZB6YC●31



ZB6YA●32

Pushbutton caps - marked (continued)

Marking	Color of cap	Sold in lots of	Unit reference			Weight kg/lb
White on colored cap – Black on white cap	–	–	Rectangular head 	Square head 	Circular head 	

For non illuminated, flush pushbuttons (continued)

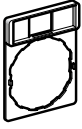
Marking	Color of cap	Sold in lots of	Rectangular head	Square head	Circular head	Weight kg/lb
UP	White	5	ZB6YD127	ZB6YC127	ZB6YA127	0.001/0.002
	Black	5	ZB6YD227	ZB6YC227	ZB6YA227	0.001/0.002
DESCENTE	White	5	ZB6YD130	ZB6YC130	ZB6YA130	0.001/0.002
	Black	5	ZB6YD230	ZB6YC230	ZB6YA230	0.001/0.002
DOWN	White	5	ZB6YD128	ZB6YC128	ZB6YA128	0.001/0.002
	Black	5	ZB6YD228	ZB6YC228	ZB6YA228	0.001/0.002
AB	White	5	ZB6YD134	ZB6YC134	ZB6YA134	0.001/0.002
	Black	5	ZB6YD234	ZB6YC234	ZB6YA234	0.001/0.002
FERME	White	5	ZB6YD133	ZB6YC133	ZB6YA133	0.001/0.002
	Black	5	ZB6YD233	ZB6YC233	ZB6YA233	0.001/0.002
CLOSE	White	5	ZB6YD132	ZB6YC132	ZB6YA132	0.001/0.002
	Black	5	ZB6YD232	ZB6YC232	ZB6YA232	0.001/0.002
ZU	White	5	ZB6YD131	ZB6YC131	ZB6YA131	0.001/0.002
	Black	5	ZB6YD231	ZB6YC231	ZB6YA231	0.001/0.002
↑	White	5	ZB6YD119	ZB6YC119	ZB6YA119	0.001/0.002
	Black	5	ZB6YD219	ZB6YC219	ZB6YA219	0.001/0.002
↓	White	5	ZB6YD120	ZB6YC120	ZB6YA120	0.001/0.002
	Black	5	ZB6YD220	ZB6YC220	ZB6YA220	0.001/0.002
→	White	5	ZB6YD121	ZB6YC121	ZB6YA121	0.001/0.002
	Black	5	ZB6YD221	ZB6YC221	ZB6YA221	0.001/0.002
←	White	5	ZB6YD122	ZB6YC122	ZB6YA122	0.001/0.002
	Black	5	ZB6YD222	ZB6YC222	ZB6YA222	0.001/0.002

Control and signaling units Ø 16

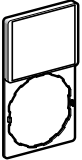
Harmony® XB6, modular

Accessories for heads: legends and legend holder,
8 x 21 mm marked legends

To combine with heads:
see page 3/8



ZB6YD20



ZB6YD30



ZB6Y1001



ZB6Y3001



ZB6Y2178

Legend holder 24 x 48 mm/0.945 x 1.890 in. (size 1) for 8 x 21 mm/0.315 x 0.827 in. legend (1)

Description	Color of legend	Sold in lots of	Unit reference	Weight kg/lb
Without legend	–	10	ZB6YD20	0.001/0.002
With blank legend	White or Yellow background	10	ZB6YD21	0.001/0.002
	Black or Red background	10	ZB6YD22	0.001/0.002

Legend holder 24 x 36 mm/0.945 x 1.417 in. (size 2) for 16 x 21 mm/0.630 x 0.827 in. legend (1)

Description	Color of legend	Sold in lots of	Unit reference	Weight kg/lb
Without legend	–	10	ZB6YD30	0.001/0.002
With blank legend	White or Yellow background	10	ZB6YD31	0.001/0.002
	Black or Red background	10	ZB6YD32	0.001/0.002

Blank legends

Dimensions	For use with	Color	Sold in lots of	Unit reference	Weight kg/lb
8 x 21 mm /0.315 x 0.827 in.	Size 1 legend holder ZB6YD20	Yellow or White background	20	ZB6Y1001	0.001/0.002
		Black or Red background	20	ZB6Y2001	0.001/0.002
16 x 21 mm /0.630 x 0.827 in.	Size 2 legend holder ZB6YD30	Yellow or White background	20	ZB6Y4001	0.001/0.002
		Black or Red background	20	ZB6Y3001	0.001/0.002

Legends for engraving (2)

Dimensions	For use with	Color	Sold in lots of	Unit reference	Weight kg/lb
8 x 21 mm /0.315 x 0.827 in.	Size 1 legend holder ZB6 YD20	Yellow or White background	10	ZB6Y1900	0.001/0.002
		Black or Red background	10	ZB6Y2900	0.001/0.002
16 x 21 mm /0.630 x 0.827 in.	Size 2 legend holder ZB6 YD30	Yellow or White background	10	ZB6Y4900	0.001/0.002
		Black or Red background	10	ZB6Y3900	0.001/0.002

8 x 21 mm/0.315 x 0.827 in. marked legends (for “size 1” 24 x 28 mm/0.945 x 1.102 in. legend holders ZB6YD20)

Color	Language	Marking	Sold in lots of	Unit reference	Weight kg/lb
Black or Red background (3)	International	O-I	5	ZB6Y2178	0.001/0.002
		I-II	5	ZB6Y2179	0.001/0.002
		I-O-II	5	ZB6Y2186	0.001/0.002
		← O →	5	ZB6Y2190	0.001/0.002

(1) For legends, see below and also following page.

(2) Pre-engraved legends. When ordering, clearly state the background color, text to be engraved: (either 1 line for 8 x 21 mm/0.315 x 0.827 in. or 2 lines for 16 x 21 mm/0.630 x 0.827 in. legends - in both cases, maximum 10 characters per line) and the quantity. Minimum quantity: 25 identical legends.

(3) “Start” functions: white letters on black background. “Stop” functions: white letters on red background (unless otherwise specified above).

To combine with heads:
see page 3/8

8 x 21 mm/0.315 x 0.827 in. marked legends (for "size 1" 24 x 28 mm/0.945 x 1.102 in. legend holders ZB6YD20) (continued)

Color	Language	Marking	Sold in lots of	Unit reference	Weight kg/lb
Black or red background (1)	French	ARRET	5	ZB6Y2104	0.001/0.002
		ARRIERE	5	ZB6Y2106	0.001/0.002
		AVANT	5	ZB6Y2105	0.001/0.002
		DEFAULT	5	ZB6Y2134	0.001/0.002
		DESCENTE	5	ZB6Y2108	0.001/0.002
		DROITE	5	ZB6Y2109	0.001/0.002
		EN SERVICE	5	ZB6Y2111	0.001/0.002
		FERME	5	ZB6Y2114	0.001/0.002
		GAUCHE	5	ZB6Y2110	0.001/0.002
		HORS SERVICE	5	ZB6Y2112	0.001/0.002
		OUVERT	5	ZB6Y2113	0.001/0.002
		MAIN-O-AUTO	5	ZB6Y2187	0.001/0.002
		MARCHE	5	ZB6Y2103	0.001/0.002
		MONTEE	5	ZB6Y2107	0.001/0.002
		REARMEMENT	5	ZB6Y2123	0.001/0.002
			English	HAND-O-AUTO	5
CLOSE	5			ZB6Y2314	0.001/0.002
DOWN	5			ZB6Y2308	0.001/0.002
FORWARD	5			ZB6Y2305	0.001/0.002
FAULT	5			ZB6Y2334	0.001/0.002
LEFT	5			ZB6Y2310	0.001/0.002
OFF	5			ZB6Y2312	0.001/0.002
ON	5			ZB6Y2303	0.001/0.002
OPEN	5			ZB6Y2313	0.001/0.002
RESET	5			ZB6Y2323	0.001/0.002
REVERSE	5			ZB6Y2306	0.001/0.002
RIGHT	5			ZB6Y2309	0.001/0.002
RUN	5			ZB6Y2311	0.001/0.002
STOP	5			ZB6Y2304	0.001/0.002
UP	5			ZB6Y2307	0.001/0.002
	German	AB	5	ZB6Y2208	0.001/0.002
		AUF	5	ZB6Y2207	0.001/0.002
		AUS	5	ZB6Y2212	0.001/0.002
		BETRIEB	5	ZB6Y2211	0.001/0.002
		EIN	5	ZB6Y2203	0.001/0.002
		HALT	5	ZB6Y2204	0.001/0.002
		HAND-O-AUTO	5	ZB6Y2287	0.001/0.002
		LINKS	5	ZB6Y2210	0.001/0.002
		ÖFFNEN	5	ZB6Y2213	0.001/0.002
		RECHTS	5	ZB6Y2209	0.001/0.002
		RÜCKSTELLUNG	5	ZB6Y2223	0.001/0.002
		SCHLIESSEN	5	ZB6Y2214	0.001/0.002
		STÖRUNG	5	ZB6Y2234	0.001/0.002
		VOR	5	ZB6Y2205	0.001/0.002
ZURÜCK	5	ZB6Y2206	0.001/0.002		
	Spanish	ADELANTE	5	ZB6Y2405	0.001/0.002
		APERTURA	5	ZB6Y2413	0.001/0.002
		ATRAS	5	ZB6Y2406	0.001/0.002
		BAJADA	5	ZB6Y2408	0.001/0.002
		CIERRE	5	ZB6Y2414	0.001/0.002
		DEFECTO	5	ZB6Y2434	0.001/0.002
		DERECHA	5	ZB6Y2409	0.001/0.002
		EN SERVICIO	5	ZB6Y2411	0.001/0.002
		FUERA SERV.	5	ZB6Y2412	0.001/0.002
		IZQUIERDA	5	ZB6Y2410	0.001/0.002
		MARCHA	5	ZB6Y2403	0.001/0.002
		PARADA	5	ZB6Y2404	0.001/0.002
		REARME	5	ZB6Y2423	0.001/0.002
		SUBIDA	5	ZB6Y2405	0.001/0.002

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

ARRET
ZB6Y2104

STOP
ZB6Y2304

HALT
ZB6Y2204

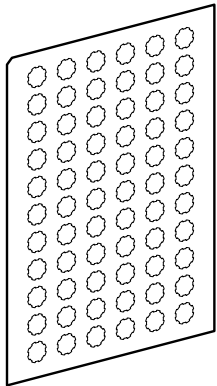
PARADA
ZB6Y2404

Control and signaling units Ø 16

Harmony® XB6, modular

Accessories for heads: legends for insertion, for printing, pre-printed, labelling software, circular legends

To combine with heads:
see page 3/8



ZB6YA003

3

Sheets of peel-off legends

Description	Application	Sold in lots of	Unit reference	Weight kg/lb
Sheets of 66 peel-off, transparent, self-adhesive legends	Rectangular pilot lights	10	ZB6YD003	0.030/0.066
	Square pilot lights	10	ZB6YC003	0.030/0.066
	Circular pilot lights	10	ZB6YA003	0.030/0.066
	Rectangular illuminated pushbuttons	10	ZB6YD013	0.030/0.066
	Square illuminated pushbuttons	10	ZB6YC013	0.030/0.066
	Circular illuminated pushbuttons	10	ZB6YA013	0.030/0.066

“SIS Label” labelling software

Application	Reference	Weight kg/lb
Legend design for English, French, German, Italian, Spanish	XBY2U	0.100/0.220




XBY2U

Circular legends for Emergency Stop mushroom head pushbuttons (yellow)

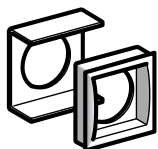
Diameter mm	Marking on yellow background	Reference	Weight kg/lb
45	Without (1)	ZB6Y7001	0.001/0.002
	ARRET D'URGENCE (1)	ZB6Y7130	0.001/0.002
	EMERGENCY STOP (1)	ZB6Y7330	0.001/0.002
	PARADA EMERGENCIA (1)	ZB6Y7430	0.001/0.002
	ARRESTO EMERGENZA (1)	ZB6Y7630	0.001/0.002
	NOT-HALT (1)	ZB6Y7230	0.001/0.002



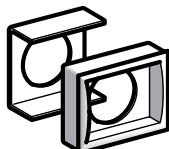
ZB6Y7130

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

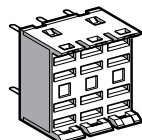
To combine with heads:
see page 3/8



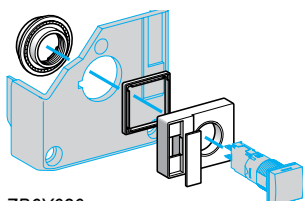
ZB6YC002



ZB6YD002



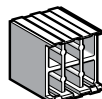
ZB6Y010



ZB6Y020



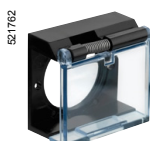
ZB6Y007



ZB6Y001



ZB6YA001



ZB6YD001



ZB6Y003



ZB6Y005

Mounting accessories

Description	Application	Sold in lots of	Unit reference	Weight kg/lb
Adapters for flush mounting	For flush mounting a circular pushbutton, switch or pilot light in a Ø 22 mm/0.866 in. hole	10	ZB6YA002	0.030/0.066
	For flush mounting a square pushbutton, switch or pilot light in a Ø 21 x 21 mm/0.827 x 0.827 in. square hole	5	ZB6YC002	0.032/0.071
	For flush mounting a rectangular pushbutton, switch or pilot light in a Ø 21 x 27/0.827 x 1.063 in. rectangular hole	5	ZB6YD002	0.032/0.071
Plug-in socket adapter	Printed circuit board mounting	10	ZB6Y010	0.004/0.009
Dummy contact block housing (without contacts)	Without pins for printed circuit	10	ZB6Y006	0.001/0.002
	With pins for printed circuit	10	ZB6Y006A	0.001/0.002
Adapter for XAL control station (Ø 22 mm/0.866 in. to Ø 16mm/0.630 in. reducer)	Ø 16 circular, square or rectangular units	5	ZB6Y020	0.038/0.084

Bulbs

Description	Voltage	Sold in lots of	Unit reference	Weight kg/lb
Incandescent bulbs 2-pin T1 1/4	6 V	6	ZB6YA006	0.002/0.004
	12 V	10	ZB6YJ012	0.002/0.004
	24 V (1)	20	ZB6YB028	0.002/0.004
Neon bulbs	110/230V (2)	5	ZB6YG095	0.002/0.004

Accessories for key switches

Description	Application	Sold in lots of	Unit reference	Weight kg/lb
Ronis key n° 200	Key switches	2	ZB6Y007	0.006/0.013
Ronis key n° 201	Key switches	2	ZB6Y201	0.006/0.013
Ronis key n° 202	Key switches	2	ZB6Y202	0.006/0.013
Ronis key n° 203	Key switches	2	ZB6Y203	0.006/0.013
DOM 311 key	Key switches	2	ZB6Y008	0.006/0.013

Protection accessories

Description	Application	Sold in lots of	Unit reference	Weight kg/lb
Protective cover	Protection of contacts against direct finger contact	10	ZB6Y001	0.005/0.011
Protective shutters (3)	Circular or square pushbuttons and switches	1	ZB6YA001	0.003/0.007
	Rectangular pushbuttons and switches	1	ZB6YD001	0.003/0.007

Miscellaneous accessories

Description	Application	Sold in lots of	Unit reference	Weight kg/lb
Anti-rotation plate	Selector switches, Emergency stop buttons	10	ZB6Y003	0.001/0.002
Nut	Securing head on support	10	ZB6Y002	0.001/0.002
Dismantling tool	Removal of contact blocks from body/fixing collar	5	ZB6Y018	0.005/0.011
Extractor	Removal of pushbutton caps	5	ZB6Y016	0.010/0.022
Bezel tightening tool + bulb extractor	Tightening and slackening the bezel and changing bulbs	2	ZB6Y905	0.006/0.013
Metal assembly tool	Tightening of fixing nut	1	ZB6Y906	0.022/0.049
Dismantling tool kit, comprising 3 tools	Removal of contacts, fixing nuts and pushbutton caps	1	ZB6Y019	0.030/0.066
Female Faston connector	–	100	ZB6Y004	0.002/0.004
Blanking plug	–	10	ZB6Y005	0.001/0.002

(1) 28 V bulb supplied for use on 24 V.

(2) 95 V bulb supplied for use on 110/230 V.

(3) The thickness of the protective shutters must be taken into account when fitting with plug-in socket adapter (ZB6Y010).

How to find “Automation and Control” products, index

- **How to find the “Automation and Control” products**
 - Search, visualize, and download page 4/2
 - Access product references with adapted tools page 4/4
 - Compare, select, and compile page 4/6
 - Check the product status, design your equipment page 4/7
- **Product reference index** page 4/8

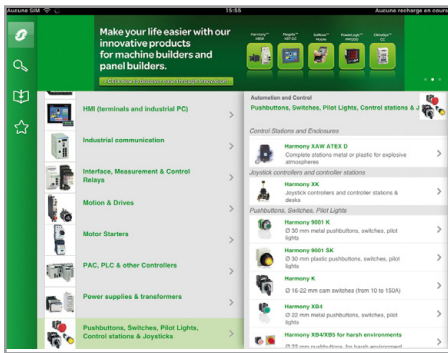
Search, visualize, and download

Use your tablet or your PC to quickly access detailed and comprehensive information on all our products

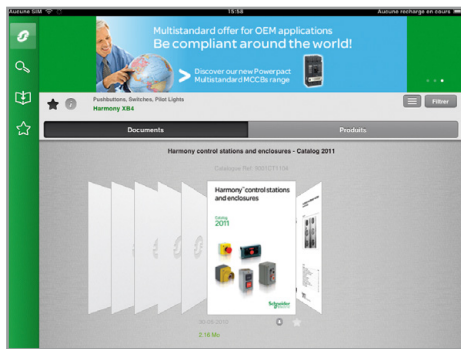


Tablets

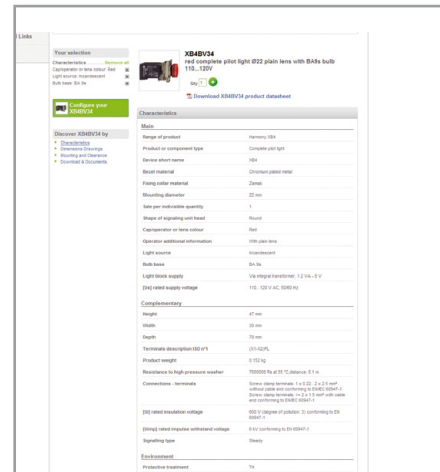
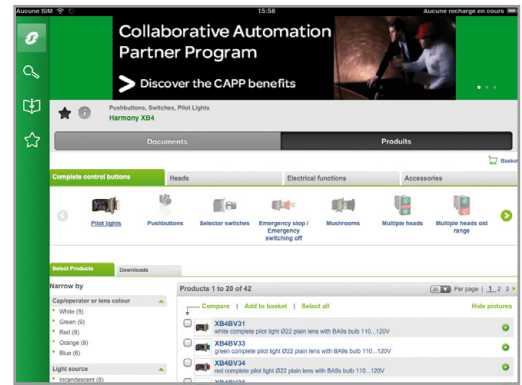
Application name: "Automation Library by Schneider Electric"



All product ranges displayed by function



Dynamic Catalogs (hyperlinks, video, ...)

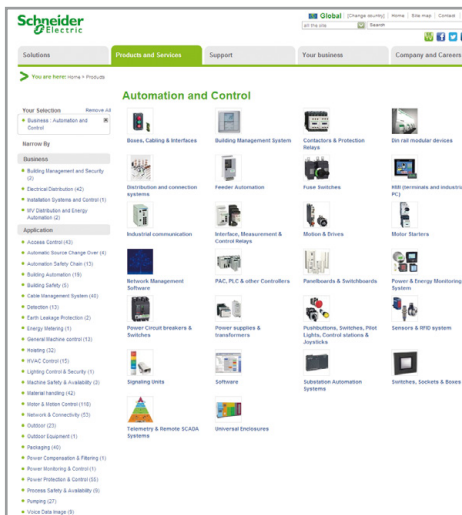


Product selector: dynamic filters to get easily your part number

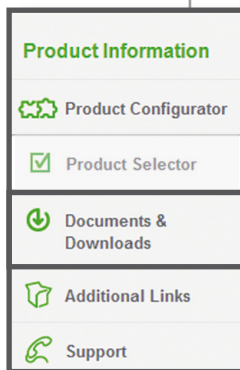
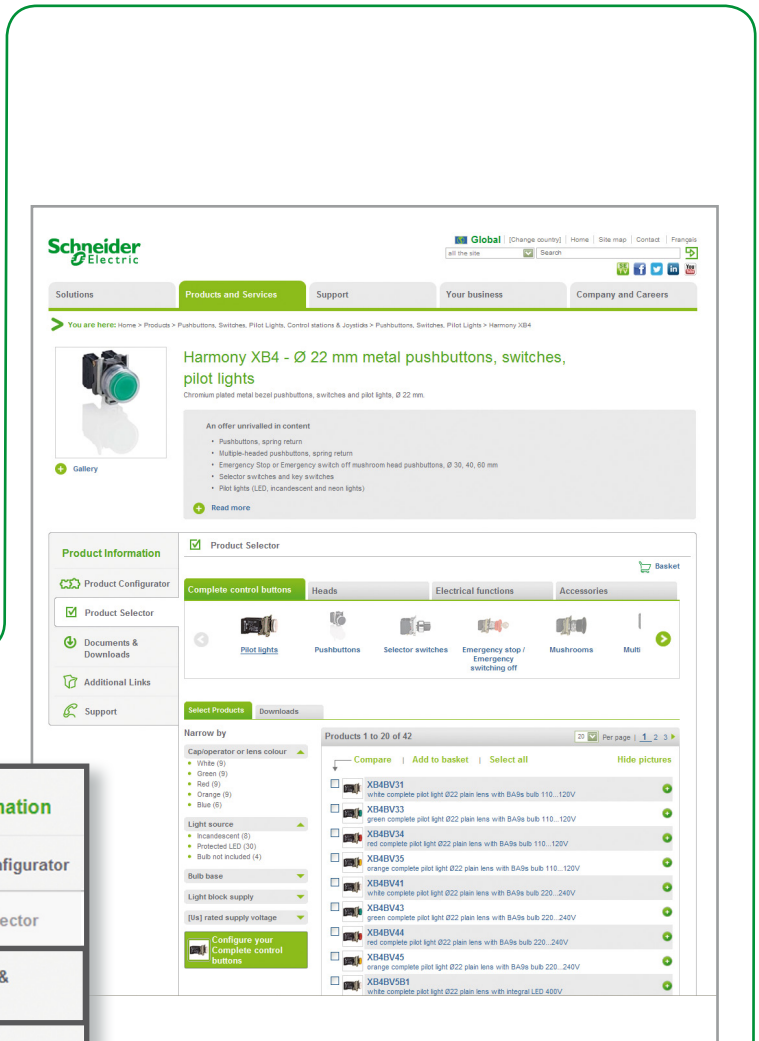


Personal computer

Path: www.schneider-electric.com > **Products and Services** > Automation and control > Product offer



All product ranges displayed by function



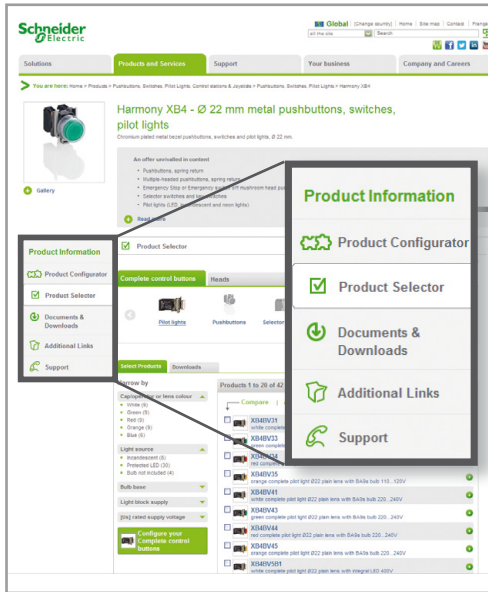
Dynamic Catalogs (hyperlinks, video, ...)

Product selector: dynamic filters to get easily your part number

Access product references with adapted tools

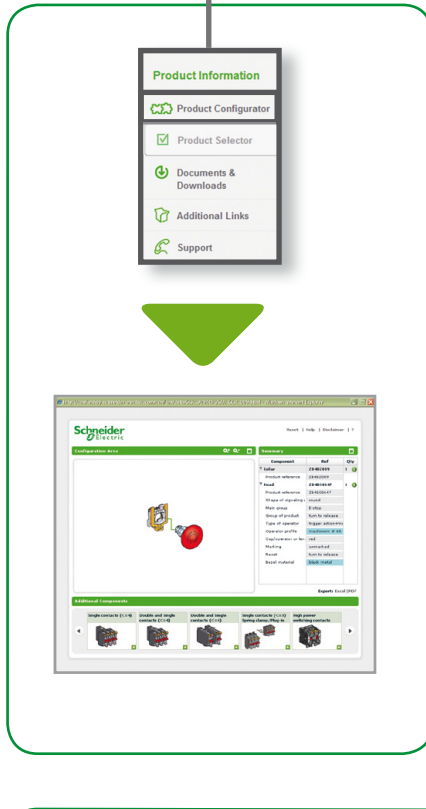


Path: www.schneider-electric.com > **Products and Services** > Automation and control > ... > Product offer



Graphic product configurator
Select the right product with just a few clicks

Dynamic product selector
Visualize product characteristics and dimensions



Product data sheet
with technical characteristics
and dimensions

Dimensions

Technical characteristics

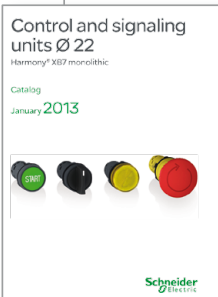
Documents and downloads
 Visualize and download Catalogs,
 technical publications, certificates, etc.

Product Information

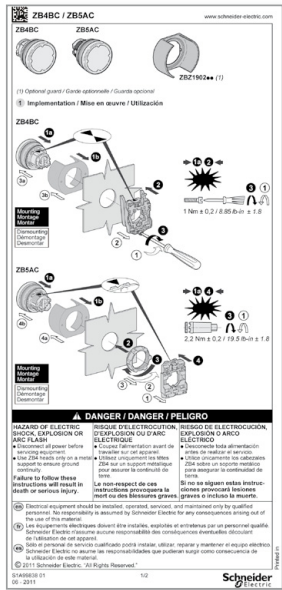
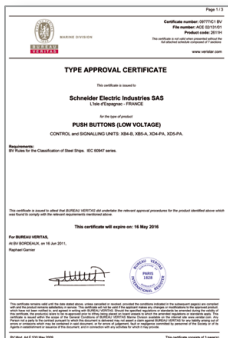
- Product Configurator
- Product Selector
- Documents & Downloads
- Additional Links
- Support

The screenshot shows a product page for 'Harmony XB4 - Ø 22 mm metal pushbuttons, switches, pilot lights'. It includes a product image, a list of features, and a 'Documents & Downloads' section with a table of documents.

Title	Reference	Date	Size
Response for Safety Voltage switch (Pilot Light)	040201121012102	Jan 18, 2012	40.0 KB
Response for Safety Voltage switch (Pilot Light)	040201121012102	Jan 18, 2012	17.1 KB
The essential guide of ControlPanel	040201121012102	Jan 18, 2012	18.9 KB
Response for Safety Voltage switch (Pilot Light)	040201121012102	Jan 18, 2012	11.8 KB
The essential Harmony line series in compact 0	040201121012102	Jan 18, 2012	13.8 KB
The essential guide of Accessories & Control Head	040201121012102	Jan 18, 2012	14.4 KB
Response paper for Harmony Control and Pilot Light	040201121012102	Jan 18, 2012	21.4 KB
Pages disponibles pour le catalogue "Pilot Light"	040201121012102	Jan 18, 2012	7.0 KB
Pages disponibles pour le catalogue "Pilot Light"	040201121012102	Jan 18, 2012	20.2 KB
Pages disponibles pour le catalogue "Pilot Light"	040201121012102	Jan 18, 2012	40.1 KB
Pages disponibles pour le catalogue "Pilot Light"	040201121012102	Jan 18, 2012	22.8 KB
Pages disponibles pour le catalogue "Pilot Light"	040201121012102	Jan 18, 2012	14.0 KB
Pages disponibles pour le catalogue "Pilot Light"	040201121012102	Jan 18, 2012	18.0 KB
Pages disponibles pour le catalogue "Pilot Light"	040201121012102	Jan 18, 2012	21.4 KB
Pages disponibles pour le catalogue "Pilot Light"	040201121012102	Jan 18, 2012	18.9 KB
Pages disponibles pour le catalogue "Pilot Light"	040201121012102	Jan 18, 2012	11.8 KB
Pages disponibles pour le catalogue "Pilot Light"	040201121012102	Jan 18, 2012	14.4 KB
Pages disponibles pour le catalogue "Pilot Light"	040201121012102	Jan 18, 2012	21.4 KB



Essential guides



Dynamic Catalogs



Certificates



Technical publications

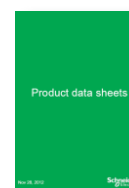
Compare, select, and compile



Path: www.schneider-electric.com > **Products and Services** > Automation and control > ... > Harmony XB4*

Compare technical characteristics

Select and store your products into the basket



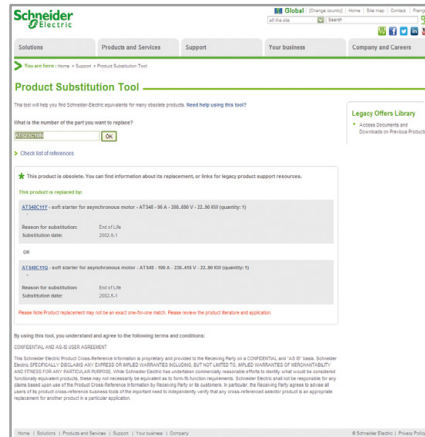
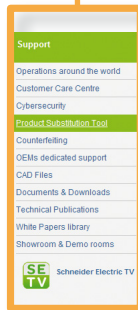
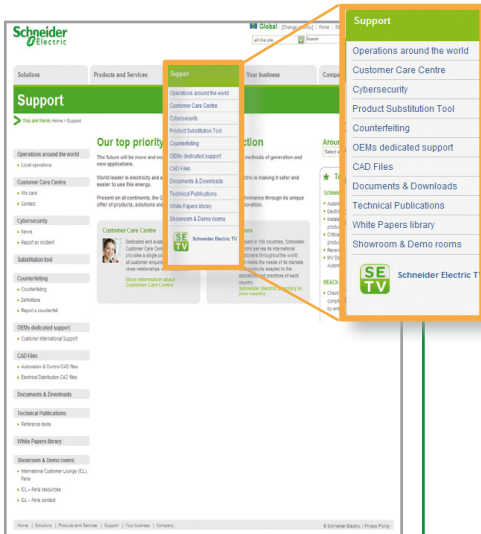
Compile all data sheets in a unique document

* Example of research on a product

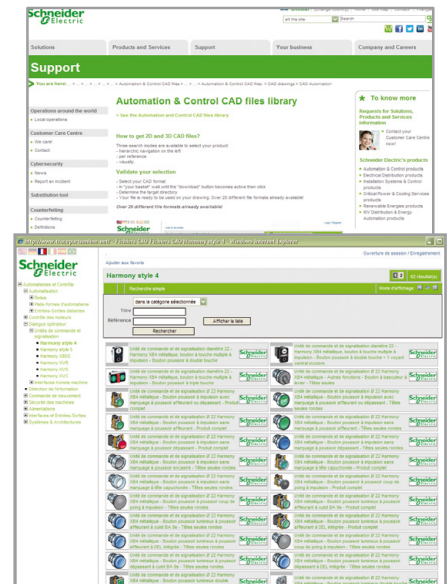
Check the product status, design your equipment



Path: www.schneider-electric.com > **Support** > Product Substitution Tool
 Path: www.schneider-electric.com > **Support** > CAD files



Product status:
 indicate whether the product is still commercialized. Otherwise, the tool suggests a product substitution.



CAD files:
 available in various formats they will be easily integrated into your installation design software.

Please note that all references to products and services are just examples.

X			
XB6AA●●B	3/12		
XB6AD2●●B	3/15		
XB6AE1B5B	3/8		
XB6AE●B●B	3/8		
	3/10		
XB6AF●B●B	3/10		
XB6AG●5B	3/19		
XB6AK●B●5B	3/17		
XB6AL42B	3/12		
XB6AS●349B	3/14		
XB6AV●BB	3/11		
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			3/30
			3/31
		ZB6YD●●●	3/25
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			3/27
			3/30
			3/31



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