

# Control and signaling units Ø 22

Harmony<sup>®</sup> XB5 Plastic

Catalog

January 2017



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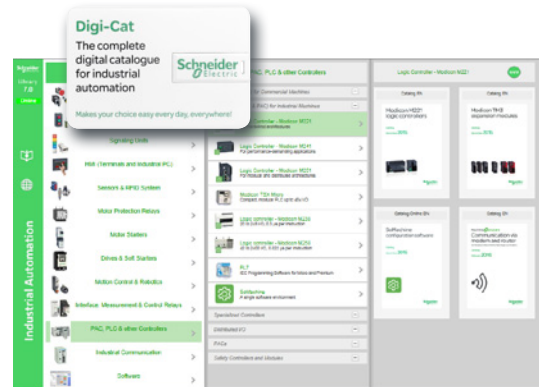
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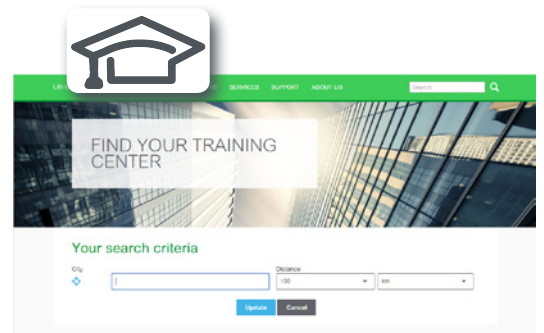
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## Harmony® XB5 plastic

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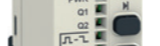



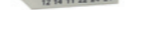




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Type of products	Pilot lights	Pushbuttons, selector switches and pilot lights			Biometric switches
					
					
					
					
<b>Description of range</b>	<ul style="list-style-type: none"> <li>LED pilot lights</li> </ul>	<ul style="list-style-type: none"> <li>Pushbuttons</li> <li>Multiple-headed pushbuttons</li> <li>Emergency Stop pushbuttons</li> <li>Selector switches and key switches</li> <li>Illuminated pushbuttons</li> <li>Pilot lights</li> </ul>			<ul style="list-style-type: none"> <li>Fingerprint readers 24V ~</li> <li>Stand-alone biometric switches</li> <li>Stand-alone USB biometric switches</li> <li>USB biometric switches dedicated to Schneider HMI (1)</li> </ul>
<b>Features</b>	<b>Products</b>	Monolithic, compact, low consumption			Monolithic
	<b>Bezel</b>	Double insulated	Double insulated (3)	Metal, chromium plated or black	Double insulated, dark grey
	<b>Shape of head</b>	Circular	Circular, square or rectangular	Circular	Circular or square
<b>Drilling or cut-out for fixing</b>	Ø 8 mm and Ø 12 mm/0.315 in. and 0.472 in.	Ø 16 mm/0.630 in.	Ø 22 mm/0.866 in.		
<b>Degree of protection</b>	Conforming to IEC 60529	IP 40 IP 65 with seal	IP 65	IP 66, IP 67, IP 69, and IP 69K	IP 65 (control button)
	Conforming to UL 508 and CSA C22-2 N° 14	–	Enclosure type 4, 4X and 13		Enclosure type 12
<b>Cabling</b>	Tags for 2.8 x 0.5 mm/0.110 x 0.020 in. connectors or threaded connector	Faston connectors Solder pins for printed circuit boards (3) Fast connector socket (4)	Spring clamp terminal connections Screw clamp terminal connections Faston connectors Connector with adapter for printed circuit board	Cable or connectors	
<b>Mounting</b>	Panel thickness	1...8 mm/0.039...0.315 in.	1...6 mm/0.039...0.236 in.		
<b>Type references</b>	XVLA	XB6, XB6E	XB4	<b>XB5</b>	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	
					
					
					
					
<b>Description of range</b>	<ul style="list-style-type: none"> <li>Wireless and batteryless pushbuttons and rope pull switch</li> <li>Configurable receivers</li> <li>Access point</li> <li>Relay-antenna</li> <li>Mobile handy box or plastic boxes for wall mounting</li> </ul>	<ul style="list-style-type: none"> <li>Pushbuttons</li> <li>Emergency Stop and Emergency switching off pushbuttons</li> <li>Selector switches and key switches</li> <li>Illuminated pushbuttons</li> <li>Pilot lights</li> </ul>	<ul style="list-style-type: none"> <li>2 or 4 direction</li> <li>Stay put or spring return</li> </ul>	<ul style="list-style-type: none"> <li>Pushbuttons</li> <li>Emergency Stop buttons</li> <li>Selector switches and key switches</li> <li>Illuminated pushbuttons</li> <li>Pilot lights</li> </ul>	<ul style="list-style-type: none"> <li>Switches</li> <li>Stepping switches</li> <li>Reversing and changeover switches</li> <li>Ammeter switches</li> <li>Voltmeter switches</li> <li>Reversing switches</li> <li>Star-delta and reversing star-delta switches</li> <li>Pole change switches</li> </ul>
<b>Features</b>	<b>Products</b>	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)
	<b>Bezel</b>	Metal, chromium plated or double insulated, black	Double insulated, dark grey (or white for pilot lights)	Metal, chromium plated	Double insulated, black
	<b>Shape of head</b>	Transmitter with circular head	Circular	Circular	Hexagonal
<b>Drilling or cut-out for fixing</b>	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
<b>Degree of protection</b>	Conforming to IEC 60529	IP 65	IP 65 (control buttons and pilot lights) IP 54 (Emergency switching off pushbuttons)	IP 65	IP 66
	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)
<b>Cabling</b>	Wireless (transmitter) Through cable (receiver)	Screw and captive clamp terminal connections	Screw and captive clamp terminal connections Faston clip connections (pilot lights)	Screw and captive clamp terminal connections	
<b>Mounting</b>	Panel thickness	1...6 mm/0.039...0.236 in.			0.5...6 mm/0.020...0.236 in. (depending on model)
<b>Type references</b>	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.



### Presentation

The Harmony® XB5 plastic range of modular control and signaling units combines simplicity of installation, flexibility, and robustness. It meets the requirements of the majority of industrial applications. These units are either complete products or separate components for customer assembly.

This range includes:

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

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

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

Innovative complementary offers are also available:

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

#### Installation

Harmony XB5 products are both simple and quick to install:

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

#### Mounting

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

#### Environment

The performance of the Harmony XB5 range meets the most demanding international standards and approvals:

- Certified and approved for meeting requirements throughout all continents: EN/IEC, CE marking, UL, CSA, CCC, EAC, JIS, NEMA, and marine approvals
- Protection against the intrusion of solid objects, dust, and water: IP 66, 67, 69, 69K, type 4X
- Operating temperature range from -40 °C to +70 °C / -40 °F to +158 °F for outdoor applications
- High chemical robustness
- Shock protection level up to IK03
- High vibration resistance with shakeproof connection screws (periodic retightening unnecessary)

#### Application

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

■ Industry:

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

■ Building and infrastructure:

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

For more technical information, please refer to the Harmony XB5 products page on the Schneider Electric website.

# Control and signaling units Ø 22

Harmony XB5, plastic

Pushbuttons, switches, and pilot lights

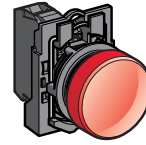
**Complete units, sub-assemblies**

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

**Complete units, XB5A**

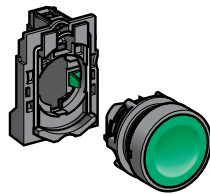


Pushbuttons and switches

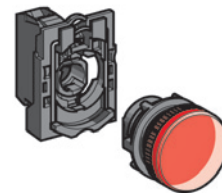


Pilot lights

**Sub-assemblies, ZB5A**

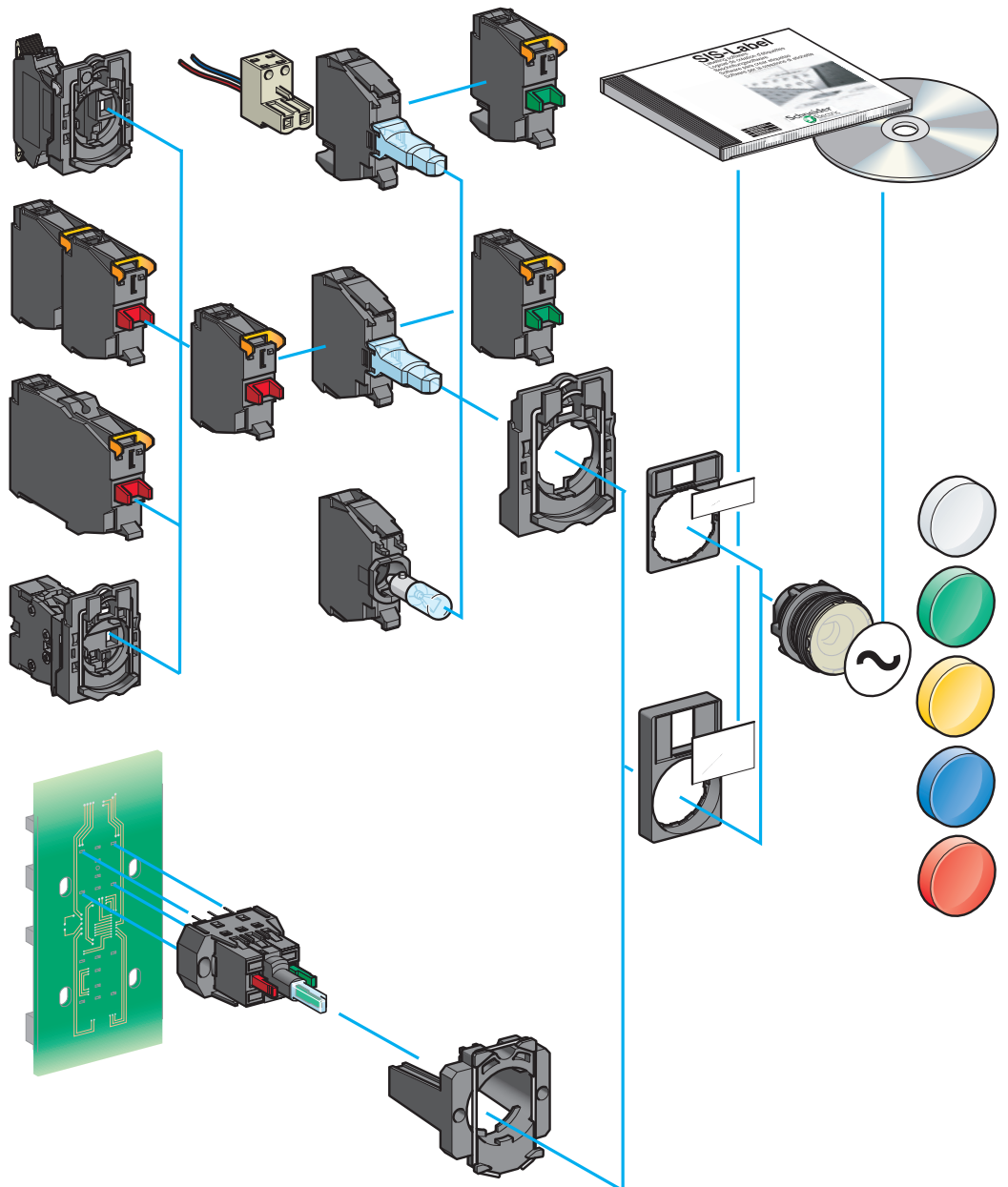


Pushbuttons and switches: body + head sub-assemblies



Pilot lights: body + head sub-assemblies

**Component parts and accessories, ZB**





# Control and signaling units Ø 22


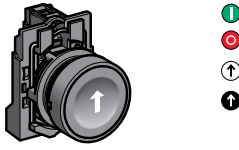

Harmony XB5, plastic




Pushbuttons, switches, and pilot lights

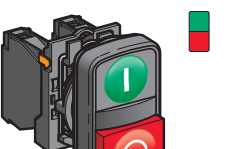
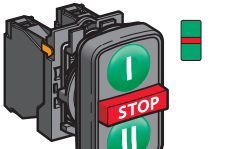
Complete units, XB5A

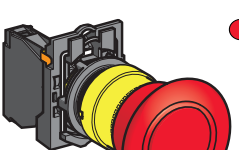
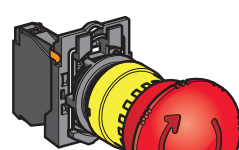
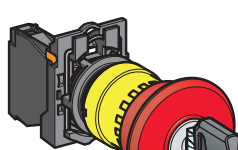
**Complete units**

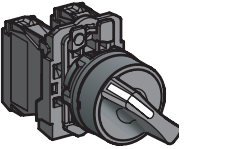

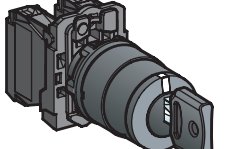
**Contact functions**

<b>Pushbuttons, spring return</b>			
	Flush push, unmarked XB5AA●1/AA42 see page 16	Flush push, marked XB5AA3311/AA33●1 see page 20	Projecting push, marked XB5AL4322 see page 20

<b>Pushbuttons, spring return</b>			
	Booted flush push XB5AP●1/AP42 see page 19	Projecting push, unmarked XB5AL42 see page 18	Ø 40/1.575 in. Mushroom head XB5AC21 see page 28

<b>Multiple-headed pushbuttons, spring return</b>		
	Double-headed XB5AL73415 see page 26	Triple-headed XB5AA731327/XB5AA711237 see page 27

<b>Emergency stop or Emergency switching off mushroom head pushbuttons</b>			
	Emergency stop trigger action and mechanical latching Ø 40/1.575 in. Push-pull (EN/ISO 13850) XB5AT845 see page 30	Emergency stop trigger action and mechanical latching Ø 40/1.575 in. Turn to release (EN/ISO 13850) XB5AS8●4 see page 30	Emergency stop trigger action and mechanical latching Ø 40/1.575 in. Key release (EN/ISO 13850) XB5AS9445 see page 30


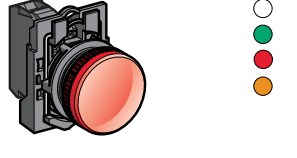
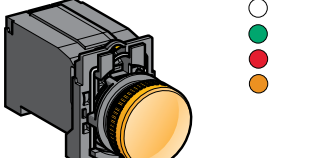


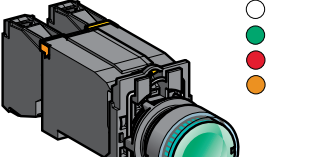


<b>Selector switches and key switches</b>			
	Standard handle, black XB5AD●● see page 34	Long handle, black XB5AJ●● see page 35	Key switch XB5AG●● see page 36

References:  
page 16

Harmony XB5, plastic

Pushbuttons, switches, and pilot lights

Complete units, XB5A

Complete units (continued)	Signaling functions		
Pilot lights	 <p>Integral LED</p> <p><b>XB5AVB●/AVG●/AVM●</b> see page 40</p>	 <p>For bulb with BA 9s base fitting</p> <p>Direct supply</p> <p><b>XB5AV6●</b> see page 42</p>	 <p>Via integral transformer</p> <p><b>XB5AV3●/AV4●</b> see page 42</p>
Combined functions	Contact and signaling functions		
Illuminated pushbuttons, spring return, flush push	 <p>Integral LED</p> <p><b>XB5AW3●B5/AW3●G5/AW3●M5</b> see page 21</p>	 <p>For bulb with BA 9s base fitting</p> <p>Direct supply</p> <p><b>XB5AW3●65</b> see page 24</p>	 <p>Via integral transformer</p> <p><b>XB5AW3●35/AW3●45</b> see page 24</p>
Double-headed pushbuttons, spring return, and pilot light block	 <p>Integral LED</p> <p><b>XB5AW73731●5</b> see page 26</p>		
Illuminated selector switches, standard handle	 <p>Integral LED</p> <p><b>XB5AK12●●5, XB5AK13●●5</b> see page 38</p>		

# Control and signaling units Ø 22

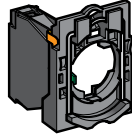
Harmony XB5, plastic

Pushbuttons, switches, and pilot lights

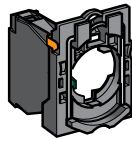
Sub-assemblies, ZB5A

## Non illuminated units for user assembly

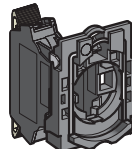
For pushbuttons, spring return, unmarked



Screw clamp terminals  
ZB5AZ10●/AZ141  
see page 48



Faston  
ZB5AZ10●3  
see page 52



Spring clamp terminals  
ZBE10●5  
ZB5AZ10●5  
see page 50

For pushbuttons, spring return, marked

For multiple-headed pushbuttons, spring return

For "push-push to release" pushbuttons

For "push-turn to release" pushbuttons

## Contact functions

### Body sub-assemblies

### Head sub-assemblies



Flush push without cap/with set of 6 caps  
ZB5AA0/AA9  
see page 16

Flush push  
ZB5AA●  
see page 16

Flush push for insertion of legend  
ZB5AA●8  
see page 16

Flush push, cap mounted/not mounted  
ZB5CA0/CA●  
see page 16



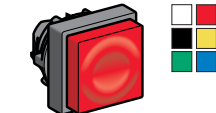
Projecting  
ZB5AL●  
see page 18



Recessed push  
ZB5AA●  
see page 17



Booted flush push, for insertion of legend  
ZB5AP●●/AP●S  
see page 19



Projecting or recessed push  
ZB5CA●/CL●  
see page 17



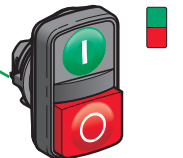
Flush push  
ZB5AA●3●/AA●4●  
see page 20



Projecting push  
ZB5AL●  
see page 20



Flush push  
ZB5CA●3●/CA●9●  
see page 20



Double-headed  
ZB5AA7●●●/AA79  
ZB5AL734●  
see page 26



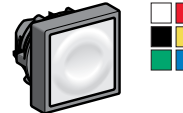
Triple-headed  
ZB5AA7313●, ZB5AA711●●  
ZB5AA72124, ZB5AA791  
see page 27



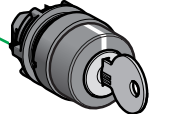
Flush push (caps mounted/not mounted)  
ZB5AH●●/CH●●  
see page 32



Projecting push  
ZB5AH●  
see page 32



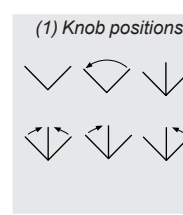
Flush push (caps mounted/not mounted)  
ZB5CH0/CH0●  
see page 32



Key switches  
ZB5AFD●  
see page 33



Knurled knob (1)  
ZB5AF  
see page 33



# Control and signaling units Ø 22

Harmony XB5, plastic

Pushbuttons, switches, and pilot lights

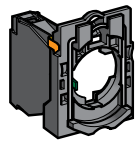
Sub-assemblies, ZB5A

## Non illuminated units for user assembly (continued)

For mushroom head pushbuttons

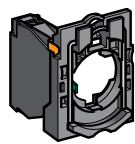
## Contact functions (continued)

### Body sub-assemblies



Screw clamp terminals  
ZB5AZ10●/AZ141  
see page 48

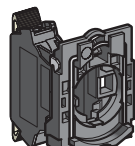
For Emergency stop or Emergency switching off mushroom head pushbuttons



Emergency stop trigger action and mechanical latching

Faston  
ZB5AZ10●3  
see page 52

Emergency switching off mechanical latching



Emergency stop trigger action and mechanical latching

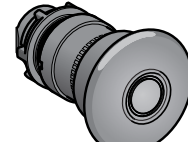
Spring clamp terminals  
ZBE10●5  
ZB5AZ10●5  
see page 50

For selector switches and key switches

### Head sub-assemblies



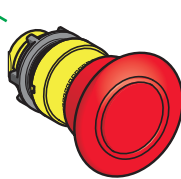
Ø 30 mm/1.18 in.  
Ø 40 mm/1.57 in.  
Ø 60 mm/2.36 in.



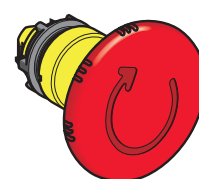
Ø 30 mm/1.18 in.  
Ø 40 mm/1.57 in.  
Ø 60 mm/2.36 in.

Spring  
ZB5AC●/AR●  
see page 28

Latching  
ZB5A●2/AS●2/AS55  
see page 29



Ø 30 mm/1.18 in.  
Ø 40 mm/1.57 in.  
Ø 60 mm/2.36 in.

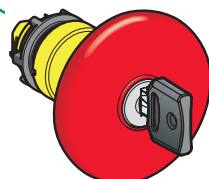


Ø 30 mm/1.18 in.  
Ø 40 mm/1.57 in.  
Ø 60 mm/2.36 in.

Push-pull (EN/ISO 13850)  
ZB5AT84  
see page 30

Turn to release (EN/ISO 13850)  
ZB5AS8●4  
see page 30

Push-pull (IEC 60364-5-53)  
ZB5AT●/AX●  
see page 31



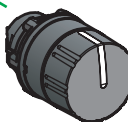
Ø 30 mm/1.18 in.  
Ø 40 mm/1.57 in.  
Ø 60 mm/2.36 in.

Key release (EN/ISO 13850)  
ZB5AS9●4/AS944D, see page 30

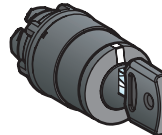


Standard handle (1)  
ZB5AD●  
see page 34

Long black handle (1)  
ZB5AJ●  
see page 35

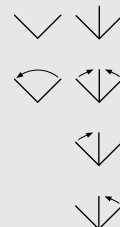


Knurled black knob (1)  
ZB5AD●9  
see page 37

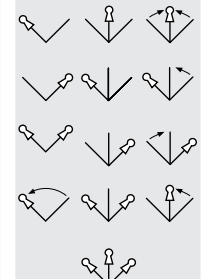


Key switch (2)  
ZB5AG●●  
see page 37

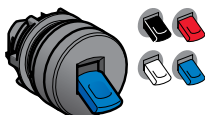
(1) Switch handle and knob positions



(2) Key switch positions  
Key withdrawal positions

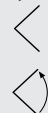


For toggle switches



2-position lever (3)  
ZB5AD●8  
see page 37

(3) Lever positions





# Control and signaling units Ø 22

Harmony XB5, plastic

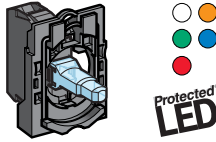
Pushbuttons, switches, and pilot lights

Sub-assemblies, ZB5A

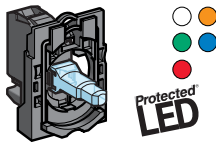
## Pilot lights for user assembly

### Signaling functions

#### Body sub-assemblies with integral LED

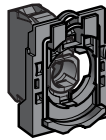


Connection: screw clamp terminals  
**ZB5AVB●/AVG●/AVM●**  
 see page 56

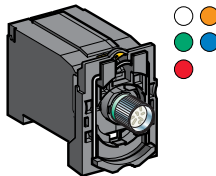


Connection: plug-in connector  
 Please contact our Customer Care Center

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

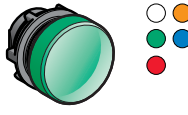


Direct supply  
 Connection: screw clamp terminals  
**ZB5AV6**, see page 59

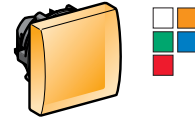


Via integral transformer  
 Connection: screw clamp terminals  
**ZB5AV●/AV3D●/AV5D●**  
 see page 59

#### Head sub-assemblies



With lens fitted (insertion of legend)  
**ZB5AV0●3/AV0●3E**, see page 40



With lens fitted  
**ZB5CV0●3**, see page 40

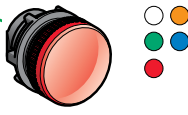


With 5 lens caps (not fitted) for insertion of legend  
**ZB5AV003/AV0●3●**, see page 40



With 5 separate lens caps, not fitted  
**ZB5CV003**, see page 40

#### Head sub-assemblies



With lens fitted  
**ZB5AV0●**, see page 41

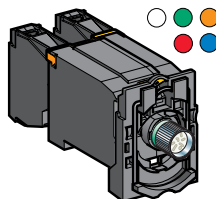
## Illuminated pushbuttons for user assembly

### Combined functions (contact and signaling)

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

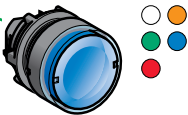


Direct supply  
 Connection: screw clamp terminals  
**ZB5AW06●**, see page 58

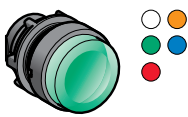


Via integral transformer  
 Connection: screw clamp terminals  
**ZB5AW03●/AW04●/AW05●**  
 see page 58

#### Head sub-assemblies



Flush  
**ZB5AW3●/AW3●S**, see page 22



Projecting  
**ZB5AW1●/AW1●S**, see page 22

# Control and signaling units Ø 22

Harmony XB5, plastic

Pushbuttons, switches, and pilot lights

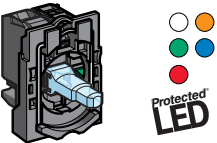
Sub-assemblies, ZB5A

## Illuminated pushbuttons for user assembly

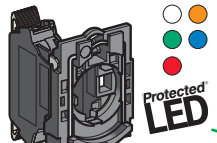
For illuminated pushbuttons, spring return



Connection: screw clamp terminals  
ZB5AW0B●●/AW0G●●/AW0M●● see page 54



Connection: plug-in connector  
Please contact our Customer Care Center



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

For illuminated, mushroom head pushbuttons, latching

Connection: spring clamp terminals  
ZBV●●5 see page 50

For illuminated mushroom head pushbuttons

- Emergency stop with trigger action and mechanical latching

or

- Emergency switching off with mechanical latching only

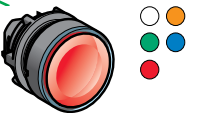
For illuminated "push-push to release" pushbuttons

For illuminated selector switches, standard handle

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

### Body sub-assemblies with integral LED

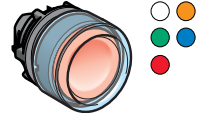
### Head sub-assemblies



Flush push  
Flush push with illuminated ring  
ZB5AW3●3/AW3●3S/AW9●3 see page 22



Flush push  
Flush push for insertion of legend  
ZB5AA●8 see page 16



Booted flush push  
ZB5AW5●3 see page 22



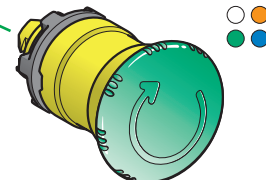
Projecting push  
ZB5AW1●3/AW1●3S see page 22



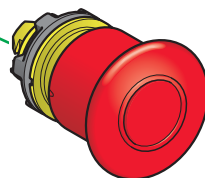
Flush or projecting push  
Flush or projecting push for insertion of legend  
ZB5CW3●3/CW1●3 see page 22



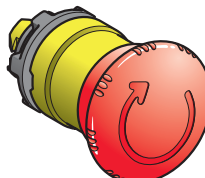
Double-headed (flush/flush push) + central pilot light  
Double-headed (flush/projecting push) + central pilot light  
ZB5AW7A17●●, ZB5AW7A374●●, ZB5AW7A9, see page 26  
ZB5AW7L374●●, see page 26



Ø 40/1.575 in. Turn to release  
ZB5AW7●3, see page 29



Ø 40/1.575 in. Push-pull with mechanical state indicator (EN/ISO 13850)  
ZB5AT8643M see page 30



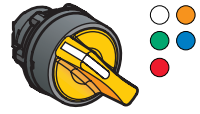
Ø 40/1.575 in. Turn to release (IEC 60364-5-53)  
ZB5AW743 see page 31



Flush or projecting "push-push to release"  
ZB5AH0●3/AH●3 see page 32



Flush "Push-push to release"  
ZB5CH3●3 see page 32



Standard handle (1)  
ZB5AK1●●3 see page 39

(1) Handle positions

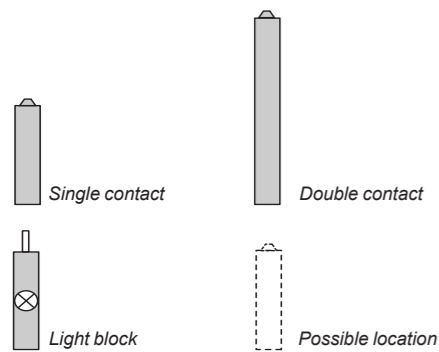


# Control and signaling units Ø 22

Harmony XB5 plastic  
Contact mounting - Contact sequence

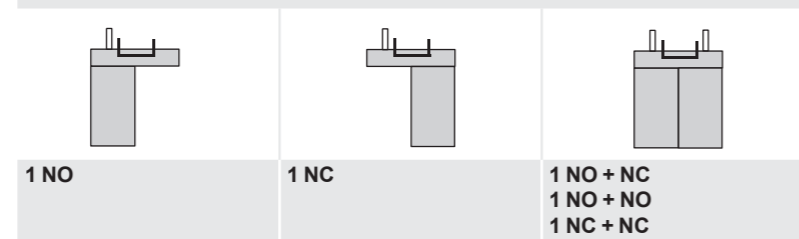
## Maximum recommended configurations guaranteeing achievement of catalog characteristics

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



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

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



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

## Sequence of contacts fitted to selector switch bodies

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

## Sequence of contacts fitted to selector switch bodies

Unit type	Selector switches	
	2-position	3-position
Push	Position Top Bottom Location L C R State 0 0 0 / 1 1 1 Contacts NO NC	315° 45° 315° 0° 45° Position Top Bottom Location L C R / L C R / L C R State 1 1 0 / 0 0 0 / 0 1 1 Contacts NO NC

Assembly of other products using:  
Body/contact assemblies: see page 48  
Accessories: see page 60

## Control and signaling units Ø 22

Harmony XB5, plastic

Spring return pushbuttons, unmarked



XB5AA31



ZB5AA0



ZB5AA5



ZB5AA68



ZB5CA5

Pushbuttons with flush push <sup>(1)</sup>						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Shape of head	Type of push	Type of contact		Color of push	Reference	Weight kg/lb
		NO	NC			

Complete units						
	Flush	1	–	White	<b>XB5AA11</b> (ZB5AZ101 + ZB5AA1)	0.037/0.082
				Black	<b>XB5AA21</b> (ZB5AZ101 + ZB5AA2)	0.037/0.082
				Green	<b>XB5AA31</b> (ZB5AZ101 + ZB5AA3)	0.037/0.082
				Yellow	<b>XB5AA51</b> (ZB5AZ101 + ZB5AA5)	0.037/0.082
				Blue	<b>XB5AA61</b> (ZB5AZ101 + ZB5AA6)	0.037/0.082
		–	1	Red	<b>XB5AA42</b> (ZB5AZ102 + ZB5AA4)	0.037/0.082

Heads only, circular						
	Without cap <sup>(2)</sup>			–	<b>ZB5AA0</b>	0.022/0.049
	Flush, with set of 6 colored caps			6 colors <sup>(3)</sup>	<b>ZB5AA9</b>	0.027/0.060
	Flush			White	<b>ZB5AA1</b>	0.018/0.040
				Black	<b>ZB5AA2</b>	0.018/0.040
				Green	<b>ZB5AA3</b>	0.018/0.040
				Red	<b>ZB5AA4</b>	0.018/0.040
				Yellow	<b>ZB5AA5</b>	0.018/0.040
				Blue	<b>ZB5AA6</b>	0.018/0.040
				Grey	<b>ZB5AA8</b>	0.018/0.040
	Flush with transparent cap for insertion of legend <sup>(4)</sup>			White	<b>ZB5AA18</b>	0.018/0.040
				Green	<b>ZB5AA38</b>	0.018/0.040
				Red	<b>ZB5AA48</b>	0.018/0.040
				Yellow	<b>ZB5AA58</b>	0.018/0.040
				Blue	<b>ZB5AA68</b>	0.018/0.040
	Flush (high bezel)			White	<b>ZB5AA14</b>	0.020/0.044
				Black	<b>ZB5AA24</b>	0.020/0.044
				Green	<b>ZB5AA34</b>	0.020/0.044
				Red	<b>ZB5AA44</b>	0.020/0.044
				Yellow	<b>ZB5AA54</b>	0.020/0.044
				Blue	<b>ZB5AA64</b>	0.020/0.044

Heads only, square						
	Without cap <sup>(2)</sup>			–	<b>ZB5CA0</b>	0.022/0.049
	Flush			White	<b>ZB5CA1</b>	0.019/0.042
				Black	<b>ZB5CA2</b>	0.019/0.042
				Green	<b>ZB5CA3</b>	0.019/0.042
				Red	<b>ZB5CA4</b>	0.019/0.042
				Yellow	<b>ZB5CA5</b>	0.019/0.042
				Blue	<b>ZB5CA6</b>	0.019/0.042

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

(2) Colored cap to be ordered separately, see page 60.

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

(4) For legend ordering information, see page 69.



Assembly of other products using:  
 Body/contact assemblies: see page 48  
 Accessories: see page 60

## Control and signaling units Ø 22

Harmony XB5, plastic

Spring return pushbuttons, unmarked

PG113892



ZB5AA16


PG113886




ZB5CA16

### Pushbuttons with recessed push (1)

#### High guard

Shape of head	Type of push	Color	Reference	Weight kg/lb
<b>Heads only, circular</b>				
	Recessed (high guard)	White	<b>ZB5AA16</b>	0.020/0.044
		Black	<b>ZB5AA26</b>	0.020/0.044
		Green	<b>ZB5AA36</b>	0.020/0.044
		Red	<b>ZB5AA46</b>	0.020/0.044
		Yellow	<b>ZB5AA56</b>	0.020/0.044
		Blue	<b>ZB5AA66</b>	0.020/0.044

#### Heads only, square

	Recessed (high guard)	White	<b>ZB5CA16</b>	0.012/0.026
		Black	<b>ZB5CA26</b>	0.012/0.026
		Green	<b>ZB5CA36</b>	0.012/0.026
		Red	<b>ZB5CA46</b>	0.012/0.026
		Yellow	<b>ZB5CA56</b>	0.012/0.026
		Blue	<b>ZB5CA66</b>	0.012/0.026

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

Assembly of other products using:  
 Body/contact assemblies: see page 48  
 Accessories: see page 60



XB5AL42



ZB5AL3



ZB5CL1

Pushbuttons with projecting push <sup>(1)</sup>						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Shape of head	Type of push	Type of contact		Color of push	Reference	Weight kg/lb
		NO	NC			

Complete units						
	Projecting	–	1	Red	<b>XB5AL42</b> (ZB5AZ102 + ZB5AL4)	0.038/0.084

Heads only, circular						
	Projecting			White	<b>ZB5AL1</b>	0.019/0.042
				Black	<b>ZB5AL2</b>	0.019/0.042
				Green	<b>ZB5AL3</b>	0.019/0.042
				Red	<b>ZB5AL4</b>	0.019/0.042
				Yellow	<b>ZB5AL5</b>	0.019/0.042
				Blue	<b>ZB5AL6</b>	0.019/0.042

Heads only, square						
	Projecting			White	<b>ZB5CL1</b>	0.021/0.046
				Black	<b>ZB5CL2</b>	0.021/0.046
				Green	<b>ZB5CL3</b>	0.021/0.046
				Red	<b>ZB5CL4</b>	0.021/0.046
				Yellow	<b>ZB5CL5</b>	0.021/0.046
				Blue	<b>ZB5CL6</b>	0.021/0.046

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

Assembly of other products using:  
 Body/contact assemblies: see page 48  
 Combined sub-assemblies: see page 54  
 Accessories: see page 60

## Control and signaling units Ø 22

Harmony XB5, plastic

Spring return pushbuttons, unmarked



XB5AP51



ZB5AP4



ZB5AP2S



ZB5AP383

### Pushbuttons with booted head (1)

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

Shape of head	Type of push	Type of contact		Color of push	Reference	Weight kg/lb
		NO	NC			

### Complete units

	Booted, clear silicone (color of push unobscured)	1	–	Black	<b>XB5AP21</b> (ZB5AZ101 + ZB5AP2)	0.039/0.086
				Green	<b>XB5AP31</b> (ZB5AZ101 + ZB5AP3)	0.039/0.086
				Yellow	<b>XB5AP51</b> (ZB5AZ101 + ZB5AP5)	0.039/0.086
				Blue	<b>XB5AP61</b> (ZB5AZ101 + ZB5AP6)	0.039/0.086
		–	1	Red	<b>XB5AP42</b> (ZB5AZ102 + ZB5AP4)	0.039/0.086

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

	Flush	Clear boot (2) For insertion of protected legend within head (3)		White	<b>ZB5AP18</b>	0.023/0.051
				Green	<b>ZB5AP38</b>	0.023/0.051
				Red	<b>ZB5AP48</b>	0.023/0.051
				Yellow	<b>ZB5AP58</b>	0.023/0.051
				Blue	<b>ZB5AP68</b>	0.023/0.051
	Projecting	Clear boot (2)		White	<b>ZB5AP1</b>	0.014/0.031
				Black	<b>ZB5AP2</b>	0.014/0.031
				Green	<b>ZB5AP3</b>	0.014/0.031
				Red	<b>ZB5AP4</b>	0.014/0.031
				Yellow	<b>ZB5AP5</b>	0.014/0.031
				Blue	<b>ZB5AP6</b>	0.014/0.031

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

	Flush	Colored boot (4)		White	<b>ZB5AP1S</b>	0.021/0.046
				Black	<b>ZB5AP2S</b>	0.021/0.046
				Green	<b>ZB5AP3S</b>	0.021/0.046
				Red	<b>ZB5AP4S</b>	0.021/0.046
				Yellow	<b>ZB5AP5S</b>	0.021/0.046
				Blue	<b>ZB5AP6S</b>	0.021/0.046
		Clear membrane (4) For insertion of protected legend within head (3)		White	<b>ZB5AP183</b>	0.010/0.022
				Green	<b>ZB5AP383</b>	0.010/0.022
				Red	<b>ZB5AP483</b>	0.010/0.022
				Yellow	<b>ZB5AP583</b>	0.010/0.022
				Blue	<b>ZB5AP683</b>	0.010/0.022



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

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






(3) To order a legend for insertion within the head, see page 69.

(4) Replacement of silicone protection element without dismantling head, see page 62.




Assembly of other products using:  
 Body/contact assemblies: see page 48  
 Accessories: see page 60

Pushbuttons with flush or projecting push (1)							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
Shape of head	Type of push	Type of contact		Marking Text (color)	Color of push	Reference	Weight kg/lb
							
		NO	NC				


#### Complete units

	Flush	1	–	"I" (white)	Green	<b>XB5AA3311</b> (ZB5AZ101 + ZB5AA331)	0.037/0.082
	Flush	–	1	"O" (white)	Red	<b>XB5AA4322</b> (ZB5AZ102 + ZB5AA432)	0.037/0.082
	Projecting	–	1	"O" (white)	Red	<b>XB5AL4322</b> (ZB5AZ102 + ZB5AL432)	0.037/0.082
	Flush (2)	1	–	↑ (black)	White	<b>XB5AA3341</b> (ZB5AZ101 + ZB5AA334)	0.037/0.082
	Flush (2)	1	–	↓ (white)	Black	<b>XB5AA3351</b> (ZB5AZ101 + ZB5AA335)	0.037/0.082


#### Heads only, circular

	Flush	"I" (white)	Green	<b>ZB5AA331</b>	0.018/0.040
		"I" (black)	White	<b>ZB5AA131</b>	0.018/0.040
		"II" (white)	Green	<b>ZB5AA336</b>	0.018/0.040
		"II" (black)	White	<b>ZB5AA136</b>	0.018/0.040
		"START" (white)	Green	<b>ZB5AA333</b>	0.018/0.040
		"START" (black)	White	<b>ZB5AA133</b>	0.018/0.040
		"ON" (white)	Green	<b>ZB5AA341</b>	0.018/0.040
		"ON" (black)	White	<b>ZB5AA141</b>	0.018/0.040
		"MARCHE" (white)	Green	<b>ZB5AA342</b>	0.018/0.040
		"MARCHE" (black)	White	<b>ZB5AA142</b>	0.018/0.040
		 (white)	Black	<b>ZB5AA245</b>	0.018/0.040
		 (black)	White	<b>ZB5AA145</b>	0.018/0.040
		"O" (white)	Red	<b>ZB5AA432</b>	0.018/0.040
			Black	<b>ZB5AA232</b>	0.018/0.040
		"ARRET" (white)	Red	<b>ZB5AA433</b>	0.018/0.040
			Black	<b>ZB5AA233</b>	0.018/0.040
		"STOP" (white)	Red	<b>ZB5AA434</b>	0.018/0.040
			Black	<b>ZB5AA234</b>	0.018/0.040
		"OFF" (white)	Red	<b>ZB5AA435</b>	0.018/0.040
			Black	<b>ZB5AA235</b>	0.018/0.040
		UP (black)	White	<b>ZB5AA343</b>	0.018/0.040
		Down (white)	Black	<b>ZB5AA344</b>	0.018/0.040
		↑ (black) (2)	White	<b>ZB5AA334</b>	0.018/0.040
		↓ (white) (2)	Black	<b>ZB5AA335</b>	0.018/0.040

#### Heads only, square

	Flush (2)	"I" (white)	Green	<b>ZB5CA331</b>	0.019/0.042
		"O" (white)	Red	<b>ZB5CA432</b>	0.019/0.042
		"+" (white)	Black	<b>ZB5CA2934</b>	0.019/0.042
		↑ (white)	Black	<b>ZB5CA2912</b>	0.019/0.042
		"R" (white)	Blue	<b>ZB5CA6939</b>	0.019/0.042

#### Heads only, circular

	Projecting (2)	"O" (white)	Red	<b>ZB5AL432</b>	0.019/0.042
			Black	<b>ZB5AL232</b>	0.019/0.042
		"ARRET" (white)	Red	<b>ZB5AL433</b>	0.019/0.042
			Black	<b>ZB5AL233</b>	0.019/0.042
		"STOP" (white)	Red	<b>ZB5AL434</b>	0.019/0.042
			Black	<b>ZB5AL234</b>	0.019/0.042
		"OFF" (white)	Red	<b>ZB5AL435</b>	0.019/0.042
			Black	<b>ZB5AL235</b>	0.019/0.042

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

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



XB5AA4322



ZB5AA331



ZB5AA432



ZB5CA432



ZB5AL232







Assembly of other products using:  
 Body/contact assemblies: see page 48  
 Accessories: see page 60

## Control and signaling units Ø 22

Harmony XB5, plastic

Illuminated pushbuttons, spring return, with integral LED

Illuminated pushbuttons with flush push (1)									
Screw clamp terminal connections (Schneider Electric anti-loosening system)									
Shape of head	Description	Type of contact		Supply voltage V	Color of push	Reference	Weight kg/lb		
									
		NO	NC						
<b>Complete units - With plain lens</b>									
 XB5AW31B5		Integral LED	1	1	24 $\approx$ 50/60 Hz	White	<b>XB5AW31B5</b> (ZB5AW0B15 + ZB5AW313)	0.056/0.123	
						Green	<b>XB5AW33B5</b> (ZB5AW0B35 + ZB5AW333)	0.056/0.123	
						Red	<b>XB5AW34B5</b> (ZB5AW0B45 + ZB5AW343)	0.056/0.123	
						Orange	<b>XB5AW35B5</b> (ZB5AW0B55 + ZB5AW353)	0.056/0.123	
						Blue	<b>XB5AW36B5</b> (ZB5AW0B65 + ZB5AW363)	0.056/0.123	
						110...120 $\approx$ 50/60 Hz	White	<b>XB5AW31G5</b> (ZB5AW0G15 + ZB5AW313)	0.056/0.123
						Green	<b>XB5AW33G5</b> (ZB5AW0G35 + ZB5AW333)	0.056/0.123	
						Red	<b>XB5AW34G5</b> (ZB5AW0G45 + ZB5AW343)	0.056/0.123	
						Orange	<b>XB5AW35G5</b> (ZB5AW0G55 + ZB5AW353)	0.056/0.123	
						Blue	<b>XB5AW36G5</b> (ZB5AW0G65 + ZB5AW363)	0.056/0.123	
						230...240 $\approx$ 50/60 Hz	White	<b>XB5AW31M5</b> (ZB5AW0M15 + ZB5AW313)	0.056/0.123
						Green	<b>XB5AW33M5</b> (ZB5AW0M35 + ZB5AW333)	0.056/0.123	
Red	<b>XB5AW34M5</b> (ZB5AW0M45 + ZB5AW343)	0.056/0.123							
Orange	<b>XB5AW35M5</b> (ZB5AW0M55 + ZB5AW353)	0.056/0.123							
Blue	<b>XB5AW36M5</b> (ZB5AW0M65 + ZB5AW363)	0.056/0.123							

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

Assembly of other products using:  
 Combined sub-assemblies: see page 54  
 Accessories: see page 60

## Control and signaling units Ø 22

Harmony XB5, plastic

Illuminated pushbuttons, spring return, with integral LED



ZB5AW313



ZB5AW363










ZB5CW313



ZB5CW3136

### Illuminated pushbuttons with flush push (1)

Shape of head	Type of push	Color	Reference	Weight kg/lb
<b>Heads only, circular (2) - With plain lens</b>				
 Protected LED	Flush	White	ZB5AW313	0.017/0.037
		Green	ZB5AW333	0.017/0.037
		Red	ZB5AW343	0.017/0.037
		Orange	ZB5AW353	0.017/0.037
		Yellow	ZB5AW383	0.017/0.037
		Blue	ZB5AW363	0.017/0.037
 Protected LED	Flush with illuminated ring	White	ZB5AW913	0.016/0.035
		Green	ZB5AW933	0.016/0.035
		Red	ZB5AW943	0.016/0.035
		Orange	ZB5AW953	0.016/0.035
		Yellow	ZB5AW983	0.016/0.035
		Blue	ZB5AW963	0.016/0.035
 Protected LED	Flush with clear boot (IP 69 K)	White	ZB5AW513	0.019/0.042
		Green	ZB5AW533	0.019/0.042
		Red	ZB5AW543	0.019/0.042
		Orange	ZB5AW553	0.019/0.042
		Yellow	ZB5AW583	0.019/0.042
		Blue	ZB5AW563	0.019/0.042
 Protected LED	Flush for insertion of legend (3) (IP 69 K)	White	ZB5AA18	0.018/0.040
		Green	ZB5AA38	0.018/0.040
		Red	ZB5AA48	0.018/0.040
		Orange	ZB5AA58	0.018/0.040
		Yellow	ZB5AA88	0.018/0.040
		Blue	ZB5AA68	0.018/0.040
<b>Heads only, circular (2) - With grooved lens (4)</b>				
 Protected LED	Flush	White	ZB5AW313S	0.017/0.037
		Green	ZB5AW333S	0.017/0.037
		Red	ZB5AW343S	0.017/0.037
		Orange	ZB5AW353S	0.017/0.037
		Yellow	ZB5AW383S	0.017/0.037
		Blue	ZB5AW363S	0.017/0.037
<b>Heads only, square (2)</b>				
 Protected LED	Flush (legend can be inserted)	White	ZB5CW313	0.023/0.051
		Green	ZB5CW333	0.023/0.051
		Red	ZB5CW343	0.023/0.051
		Orange	ZB5CW353	0.023/0.051
		Blue	ZB5CW363	0.023/0.051
 Protected LED	Flush (high guard)	White	ZB5CW3136	0.014/0.031
		Green	ZB5CW3336	0.014/0.031
		Red	ZB5CW3436	0.014/0.031
		Orange	ZB5CW3536	0.014/0.031
		Blue	ZB5CW3636	0.014/0.031

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

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

(3) For legend ordering information, see page 69.

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

Assembly of other products using:  
 Combined sub-assemblies: see page 54  
 Accessories: see page 60




## Control and signaling units Ø 22

### Harmony XB5, plastic

#### Illuminated pushbuttons, spring return, with integral LED



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

Shape of head	Type of push	Color	Reference	Weight kg/lb
<b>Heads only, circular (2) - With plain lens</b>				
	Projecting	White	ZB5AW113	0.018/0.040
		Green	ZB5AW133	0.018/0.040
		Red	ZB5AW143	0.018/0.040
		Orange	ZB5AW153	0.018/0.040
		Yellow	ZB5AW183	0.018/0.040
		Blue	ZB5AW163	0.018/0.040
<b>Heads only, circular (2) - With grooved lens (3)</b>				
	Projecting	White	ZB5AW113S	0.017/0.037
		Green	ZB5AW133S	0.017/0.037
		Red	ZB5AW143S	0.017/0.037
		Orange	ZB5AW153S	0.017/0.037
		Yellow	ZB5AW183S	0.017/0.037
		Blue	ZB5AW163S	0.017/0.037
<b>Heads only, square (2)</b>				
	Projecting (legend can be inserted)	White	ZB5CW113	0.024/0.053
		Green	ZB5CW133	0.024/0.053
		Red	ZB5CW143	0.024/0.053
		Orange	ZB5CW153	0.024/0.053
		Blue	ZB5CW163	0.024/0.053

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



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

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

Assembly of other products using:  
 Combined sub-assemblies: see page 54  
 Accessories: see page 60



## Control and signaling units Ø 22

Harmony XB5, plastic  
 Illuminated pushbuttons, spring return,  
 with BA 9s base fitting


Illuminated pushbuttons with flush push (1)							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
Shape of head	Description	Type of contact		Supply voltage V	Color of push	Reference	Weight kg/lb
							
		NO	NC				

### Complete units - With plain lens




	Direct supply for bulb with BA9s base fitting, 2.4 W max, (bulb not included)	1	1	≤ 250	White	<b>XB5AW3165</b> (ZB5AW065 + ZB5AW31)	0.057/0.126
					Green	<b>XB5AW3365</b> (ZB5AW065 + ZB5AW33)	0.057/0.126
					Red	<b>XB5AW3465</b> (ZB5AW065 + ZB5AW34)	0.057/0.126
					Orange	<b>XB5AW3565</b> (ZB5AW065 + ZB5AW35)	0.057/0.126
	Via integral transformer 1.2 VA, 6 V secondary, incandescent bulb with BA9s base fitting, (bulb included)	1	1	110...120 ~ 50/60 Hz	White	<b>XB5AW3135</b> (ZB5AW035 + ZB5AW31)	0.128/0.282
					Green	<b>XB5AW3335</b> (ZB5AW035 + ZB5AW33)	0.128/0.282
					Red	<b>XB5AW3435</b> (ZB5AW035 + ZB5AW34)	0.128/0.282
					Orange	<b>XB5AW3535</b> (ZB5AW035 + ZB5AW35)	0.128/0.282
				230 ~ 50 Hz 220...240 ~ 60 Hz	White	<b>XB5AW3145</b> (ZB5AW045 + ZB5AW31)	0.129/0.284
					Green	<b>XB5AW3345</b> (ZB5AW045 + ZB5AW33)	0.129/0.284
					Red	<b>XB5AW3445</b> (ZB5AW045 + ZB5AW34)	0.129/0.284
					Orange	<b>XB5AW3545</b> (ZB5AW045 + ZB5AW35)	0.129/0.284

### Heads only (2) - With plain lens

	Flush	White	<b>ZB5AW31</b>	0.018/0.040
		Green	<b>ZB5AW33</b>	0.018/0.040
		Red	<b>ZB5AW34</b>	0.018/0.040
		Orange	<b>ZB5AW35</b>	0.018/0.040
		Blue	<b>ZB5AW36</b>	0.018/0.040
		Clear	<b>ZB5AW37</b>	0.018/0.040

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

	Flush	White	<b>ZB5AW31S</b>	0.018/0.040
		Green	<b>ZB5AW33S</b>	0.018/0.040
		Red	<b>ZB5AW34S</b>	0.018/0.040
		Orange	<b>ZB5AW35S</b>	0.018/0.040
		Blue	<b>ZB5AW36S</b>	0.018/0.040
		Clear	<b>ZB5AW37S</b>	0.018/0.040

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

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

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

Assembly of other products using:  
 Combined sub-assemblies: see page 54  
 Accessories: see page 60

## Control and signaling units Ø 22

Harmony XB5, plastic  
 Illuminated pushbuttons, spring return,  
 with BA 9s base fitting

### Illuminated pushbuttons with projecting push <sup>(1)</sup>

#### Heads only <sup>(2)</sup> - With plain lens

	Projecting	White	<b>ZB5AW11</b>	0.017/0.037
		Green	<b>ZB5AW13</b>	0.017/0.037
		Red	<b>ZB5AW14</b>	0.017/0.037
		Orange	<b>ZB5AW15</b>	0.017/0.037
		Blue	<b>ZB5AW16</b>	0.017/0.037
		Clear	<b>ZB5AW17</b>	0.017/0.037

#### Heads only <sup>(2)</sup> - With grooved lens <sup>(3)</sup>

	Projecting	White	<b>ZB5AW11S</b>	0.018/0.040
		Green	<b>ZB5AW13S</b>	0.018/0.040
		Red	<b>ZB5AW14S</b>	0.018/0.040
		Orange	<b>ZB5AW15S</b>	0.018/0.040
		Blue	<b>ZB5AW16S</b>	0.018/0.040
		Clear	<b>ZB5AW17S</b>	0.018/0.040

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

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

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

User assembly of other units, using:  
 Body-contacts assemblies: see page 48  
 Combined sub-assemblies: see page 54

## Control and signaling units Ø 22

Harmony XB5 plastic

Multiple-headed pushbuttons, spring return



XB5AL73415



ZB5AA7121



ZB5AL7341



XB5AW73731●5



ZB5AW7A1721



ZB5AW7A3741

Double-headed pushbuttons (1)						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Shape of head	Description	Type of contact		Caps (2)		Reference
		NO	NC	Marking	Background color	

Complete units						
	1 flush push, black 1 projecting push, red	1	1	White "I"	Green	<b>XB5AL73415</b>
				White "0"	Red	

Heads only						
	2 flush push, black			Unmarked	White	<b>ZB5AA7120</b>
				Unmarked	Black	
				Black "I"	White	<b>ZB5AA7121</b>
				White "0"	Black	
				Unmarked	Green	<b>ZB5AA7340</b>
				Unmarked	Red	
				Black "→"	White	<b>ZB5AA7213</b>
				White "←"	Black	
				White "I"	Green	<b>ZB5AA7341</b>
				White "0"	Red	
	1 flush push, black 1 projecting push, red			Without cap (3)		<b>ZB5AA79</b>
				Unmarked	Green	
				Unmarked	Red	<b>ZB5AL7340</b>
				White "I"	Green	
White "0"	Red	<b>ZB5AL7341</b>				
						0.023/0.051

Double-headed pushbuttons with 1 white central pilot light block (1)						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Shape of head	Description	Type of contact		Caps		Pilot light voltage V
		NO	NC	Marking	Background color	

Complete units						
	1 flush push, black 1 projecting push, red 1 central pilot light block, white	1	1	White "I"	Green	24
				White "0"	Red	120
						240
						<b>XB5AW73731B5</b>
						<b>XB5AW73731G5</b>
						<b>XB5AW73731M5</b>
						0.066/0.146

Heads only (5)						
	2 flush push, black 1 central pilot light, clear (4)			Unmarked	White	<b>ZB5AW7A1720</b>
				Unmarked	Black	
				Black "I"	White	<b>ZB5AW7A1721</b>
				White "0"	Black	
				Unmarked	Green	<b>ZB5AW7A3740</b>
				Unmarked	Red	
				White "I"	Green	<b>ZB5AW7A3741</b>
				White "0"	Red	
				Black "I"	Green	<b>ZB5AW7A1724</b>
				White "B"	Red	
Black "+"	White	<b>ZB5AW7A1715</b>				
Black "-"	White		0.023/0.051			
	1 flush push, black 1 projecting push, red 1 central pilot light, clear (4)			Without cap (3)		<b>ZB5AW7A9</b>
				Unmarked	Green	
				Unmarked	Red	<b>ZB5AW7L3740</b>
				White "I"	Green	
White "0"	Red	<b>ZB5AW7L3741</b>				
						0.023/0.051

(1) Recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 14.  
 (2) These caps are factory assembled and cannot be removed (risk of damage).  
 (3) Caps to be ordered separately, see page opposite.  
 (4) Color of centrally positioned pilot light determined by the color of the LED incorporated in the body sub-assembly.  
 (5) Only for use with bodies comprising a light source with integral LED.



User assembly of other units, using:  
 Body-contacts assemblies: see page 48  
 Combined sub-assemblies: see page 54

## Control and signaling units Ø 22

### Harmony XB5 plastic

#### Multiple-headed pushbuttons, spring return



XB5AA731327



ZB5AA73133



ZB5AA71124



ZBA7235



ZBA7331



ZBA7432



ZBA709

Triple-headed pushbuttons <sup>(1)</sup> <sup>(2)</sup>								
Screw clamp terminal connections (Schneider Electric anti-loosening system)								
Shape of head	Description	Type of contact			Caps <sup>(3)</sup>		Reference	Weight kg/lb
		NO	NC	NO	Marking	Background color		
	2 flush push, black, 1 central projecting push, marked "Stop" in white	1	1	1	White "I"	Green	XB5AA731327	0.063/0.139
					White "II"	Green	XB5AA711237	0.063/0.139

Complete units								
	2 flush push, black, 1 central projecting push, marked "Stop" in white	1	1	1	White "I"	Green	XB5AA731327	0.063/0.139
					White "II"	Green	XB5AA711237	0.063/0.139

Heads only								
	2 flush push, black, 1 central projecting push, red marked "Stop" in white				White "I"	Green	ZB5AA73132	0.023/0.051
					White "II"	Green		
					White "←"	Green	ZB5AA73133	0.023/0.051
					White "→"	Green		
					White "↕"	Green	ZB5AA73134	0.023/0.051
					White "⊕"	Green		
					White "+"	Green	ZB5AA73135	0.023/0.051
					White "-"	Green		
					Black "+"	White	ZB5AA71115	0.023/0.051
					Black "-"	White		
					Black "↔"	White	ZB5AA71123	0.023/0.051
					White "←"	Black		
					Black "↑"	White	ZB5AA71124	0.023/0.051
					White "⊕"	Black		
					White "⊕"	Black	ZB5AA72124	0.023/0.051
					White "⊕"	Black		
					Without cap <sup>(4)</sup>		ZB5AA791	0.023/0.051

### Specific accessories for multiple-headed pushbuttons

Description	Marking	Background color	Sold in lots of	Reference	Weight kg/lb
Caps only for clip-on mounting <sup>(5)</sup> on: - ZB5AA79 double-headed pushbuttons - ZB5AW7A9 double-headed pushbuttons + central pilot light black - ZB5AA791 triple-headed pushbuttons	Unmarked	White	10	ZBA71	0.010/0.022
	"I" Black		10	ZBA7131	0.010/0.022
	"↑" Black		10	ZBA7134	0.010/0.022
	"+" Black		10	ZBA7138	0.010/0.022
	Unmarked	Black	10	ZBA72	0.010/0.022
	"O" White		10	ZBA7232	0.010/0.022
	"+" White		10	ZBA7233	0.010/0.022
	"⊕" White		10	ZBA7235	0.010/0.022
	"I" White		10	ZBA7237	0.010/0.022
	Unmarked	Green	10	ZBA73	0.010/0.022
	"I" White		10	ZBA7331	0.010/0.022
	"+" White		10	ZBA7333	0.010/0.022
	"⊕" White		10	ZBA7335	0.010/0.022
	"II" White		10	ZBA7336	0.010/0.022
	Unmarked	Red	10	ZBA74	0.010/0.022
	"O" White		10	ZBA7432	0.010/0.022
Unmarked	Yellow	10	ZBA75	0.010/0.022	
Unmarked	Blue	10	ZBA76	0.010/0.022	

Silicone boots for 2 flush push <sup>(6)</sup>	-	Clear	10	ZBA708	0.055/0.121
Silicone boots for 3 pushes <sup>(6)</sup>	-		10	ZBA709	0.055/0.121
Silicone boots for 1 flush push and 1 projecting push <sup>(6)</sup>	-		10	ZBA710	0.055/0.121

(1) Recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 14.  
 (2) Not compatible with high power switching contacts and contacts for printed circuit board.  
 (3) These caps are factory assembled and cannot be removed (risk of damage).  
 (4) Caps to be ordered separately, see accessories on this page.  
 (5) Can be clipped-in at 90° steps, through 360°.  
 (6) Can be replaced without dismantling the head.

Assembly of other products using:  
 Body/contact assemblies: see page 48  
 Accessories: see page 60

## Control and signaling units Ø 22

Harmony XB5, plastic

Mushroom head pushbuttons, spring return



XB5AC21



ZB5AC24



ZB5AC2



ZB5AR4



ZB5AR216

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

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

Shape of head	Type of push	Type of contact		Push	Reference		Weight kg/lb
		NO	NC		Diameter Ø mm/in.	Color	

#### Complete units

	Mushroom head	1	–	40/1.575	Black	<b>ZB5AC21</b> (ZB5AZ101 + ZB5AC2)	0.062/0.137
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#### Heads only

	Mushroom head			30/1.181	Black	<b>ZB5AC24</b>	0.027/0.060
					Green	<b>ZB5AC34</b>	0.027/0.060
					Red	<b>ZB5AC44</b>	0.027/0.060
					Yellow	<b>ZB5AC54</b>	0.027/0.060
					Blue	<b>ZB5AC64</b>	0.027/0.060
				40/1.575	Black	<b>ZB5AC2</b>	0.046/0.101
					Green	<b>ZB5AC3</b>	0.046/0.101
					Red	<b>ZB5AC4</b>	0.046/0.101
					Yellow	<b>ZB5AC5</b>	0.046/0.101
					Blue	<b>ZB5AC6</b>	0.046/0.101
				60/2.362	Black	<b>ZB5AR2</b>	0.065/0.143
					Green	<b>ZB5AR3</b>	0.065/0.143
					Red	<b>ZB5AR4</b>	0.065/0.143
					Yellow	<b>ZB5AR5</b>	0.065/0.143
					Blue	<b>ZB5AR6</b>	0.065/0.143
				60/2.362 (3) Hemispherical	Black	<b>ZB5AR216</b>	0.048/0.106
					Green	<b>ZB5AR316</b>	0.048/0.106
					Red	<b>ZB5AR416</b>	0.048/0.106
					Yellow	<b>ZB5AR516</b>	0.048/0.106
					Blue	<b>ZB5AR616</b>	0.048/0.106

(1) These pushbuttons and heads cannot be used for an Emergency stop function. Therefore, it is recommended that a legend with a black or white background is used.

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

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

Assembly of other products using:  
 Body/contact assemblies: see page 48  
 Accessories: see page 60

## Control and signaling units Ø 22

### Harmony XB5, plastic

#### Mushroom head pushbuttons, latching



ZB5AT2



ZB5AS62



ZB5AS72



ZB5AW733

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

Shape of head	Type of reset	Push		Reference	Weight kg/lb
		Diameter Ø mm/in.	Color		
<b>Heads only</b>					
	Push-pull	30/1.181	Black	ZB5AT24	0.044/0.097
		40/1.575	Black	ZB5AT2	0.049/0.108
		60/2.362	Black	ZB5AX2	0.067/0.148
	Turn to release	30/1.181	Black	ZB5AS42	0.040/0.088
		40/1.575	Black	ZB5AS52	0.044/0.097
		40/1.575	Yellow	ZB5AS55	0.044/0.097
		60/2.362	Black	ZB5AS62	0.064/0.141
	Key release (key no. 455) (2 keys included with head) (3) (5)	30/1.181	Black	ZB5AS72	0.040/0.088
		40/1.575	Black	ZB5AS12 (4)	0.044/0.097
		60/2.362	Black	ZB5AS22	0.064/0.141

#### Illuminated mushroom head pushbuttons (2)

Shape of head	Type of reset	Push		Reference	Weight kg/lb
		Diameter Ø mm/in.	Color		
<b>Heads only (6)</b>					
	Turn to release	40/1.575	White	ZB5AW713	0.022/0.049
			Green	ZB5AW733	0.022/0.049
			Orange	ZB5AW753	0.022/0.049
			Blue	ZB5AW763	0.022/0.049

(1) These pushbuttons and heads cannot be used for an Emergency stop function. Therefore, it is recommended that a legend with a black or white background is used.

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

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

(4) Other key numbers:

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

Example: To order a Ø 40 mm/1.575 in. black mushroom head for a latching pushbutton, with release by key no. 421E, the reference becomes: ZB5AS1212.

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

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

Assembly of other products using:  
 Body/contact assemblies: see page 48  
 Combined sub-assemblies: see page 54  
 Accessories: see pages 69 and 70

## Control and signaling units Ø 22

Harmony XB5, plastic

Emergency stop and Emergency switching off functions

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



Emergency stop function: Mushroom head Emergency stop trigger action and mechanical latching pushbuttons conform to standards EN/IEC 60204-1 and EN/ISO 13850, to Machinery Directive 2006/42/EC, and to standard EN/IEC 60947-5-5.

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




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

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




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

Shape of head	Type of reset	Type of contact		Push		Reference	Weight kg/lb
		 NO	 NC	Diameter Ø mm/in.	Color		

#### Complete units

	Push-pull	–	1	40/1.575	Red	<b>XB5AT842</b> (ZB5AZ102 + ZB5AT84)	0.065/0.143
		1	1	40/1.575	Red	<b>XB5AT845</b> (ZB5AZ105 + ZB5AT84)	0.076/0.168
	Turn to release	–	1	40/1.575	Red	<b>XB5AS8442</b> (ZB5AZ102 + ZB5AS844)	0.060/0.132
		1	1	40/1.575	Red	<b>XB5AS8445</b> (ZB5AZ105 + ZB5AS844)	0.072/0.159
	Key release (key no. 455) (3)	–	1	40/1.575	Red	<b>XB5AS9442</b> (ZB5AZ102 + ZB5AS944)	0.075/0.165
		1	1	40/1.575	Red	<b>XB5AS9445</b> (ZB5AZ105 + ZB5AS944)	0.112/0.247

#### Heads only


	Push-pull	30/1.181	Red	<b>ZB5AT844</b>	0.049/0.108
		40/1.575	Red	<b>ZB5AT84</b>	0.049/0.108
		60/2.362	Red	<b>ZB5AX84</b>	0.067/0.148
	Turn to release	30/1.181	Red	<b>ZB5AS834</b>	0.042/0.002
		40/1.575	Red	<b>ZB5AS844</b>	0.046/0.002
	Key release (key no. 455) (2 keys included with head) (5)(3)	30/1.181	Red	<b>ZB5AS934</b>	0.068/0.003
		40/1.575	Red	<b>ZB5AS944 (4)</b>	0.071/0.003
		60/2.362	Red	<b>ZB5AS964</b>	0.092/0.004
	Key release (key no. 4A185) (5)	40/1.575	Red	<b>ZB5AS944D</b>	0.071/0.003

### Illuminated Emergency stop and Emergency switching off functions, mechanical latching pushbuttons with mechanical state indicator (1)

For elevator inspection box applications

Shape of head	Type of reset	Push Diameter Ø mm/in.	Color	Unit reference	Weight kg/lb
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#### Heads only (6)

	Push-pull (7) For Emergency stop and Emergency switching off function	40/1.575	Red	<b>ZB5AT8643M</b>	0.034/0.075
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### Illuminated Emergency switching off function only, mechanical latching pushbuttons (1) Screw clamp terminal connections (Schneider Electric anti-loosening system)

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

	Turn to release	40/1.575	Red	<b>ZB5AW743</b>	0.022/0.049
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(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 14.

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

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

(4) Other key numbers:

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

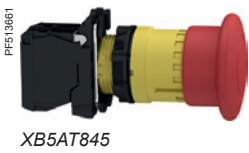
Example: To order a Ø 40 mm/1.575 in. red mushroom head for a trigger action and mechanical latching

Emergency stop pushbutton, with release by key no. 421E, the reference becomes: ZB5AS94412.

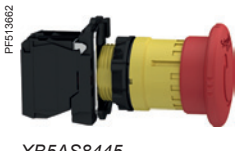
(5) For specific keys with other numbers, please contact our Customer Care Center.

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

(7) Cannot be used with metal guards ZBZ160.



XB5AT845



XB5AS8445



XB5AS9445



ZB5AT84



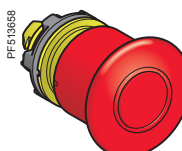
ZB5AS844



ZB5AS834



ZB5AS934



ZB5AT8643M

Assembly of other products using:  
 Body/contact assemblies: see page 48  
 Combined sub-assemblies: see page 54  
 Accessories: see pages 69 and 70

## Control and signaling units Ø 22 Harmony XB5, plastic

Emergency stop and Emergency switching off functions conforming to EN/IEC 60204-1, 60364-5-53, EN/ISO 13850, and Machinery Directive 2006/42/EC  
 General safe stops  
 Circular yellow legends for Emergency stop



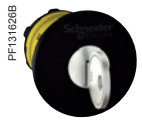
XB5AS84449



XB5AS86449B4



ZB5AT82Y



ZB5AS942Y



ZBY9121



ZBY9420



ZBZ58

### Emergency stop with safety contacts, trigger action and mechanical latching

#### Screw clamp terminal connection

Shape of head	Type of reset	Type of contact		Supply voltage V	Push		Reference	Weight kg/lb
		NO	NC		Diameter Ø mm/in.	Color		
<b>Non-illuminated</b>								
	Push-pull and Turn to release	1	2	-	40/1.575	Red	<b>XB5AS84449</b>	0.090/0.198
<b>Illuminated (red)</b>								
	Push-pull and Turn to release	1	2	24 ---	40/1.575	Red	<b>XB5AS86449B4</b>	0.094/0.207

### General safe stops

General safe stops are used to stop the operation of a machine in a safe manner. These devices cannot be used as Emergency stop and must not be associated with a yellow background. General safe stops comprise a yellow bezel and black head.

Shape of head	Type of reset	Push		Reference	Weight kg/lb
		Diameter Ø mm/in.	Color		
	Push-pull	40/1.575	Black	<b>ZB5AT82Y</b>	0.050/0.110
	Turn to release	40/1.575	Black	<b>ZB5AS842Y</b>	0.046/0.101
	Key release (key no. 455) (2 keys included with head) (2)	40/1.575	Black	<b>ZB5AS942Y</b>	0.071/0.157

### Circular yellow legends for Emergency stop (1)

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

### Bellows for harsh environments (IP 69K) (3)

Description	Material	For use with	Color	Sold in lots of	Unit reference	Weight kg/lb
For use in environments subject to humidity, dust, high pressure cleaning, etc.	Silicone	Emergency stop/ Black switching off function	Black	2	<b>ZBZ28</b>	0.009/0.020
		Other functions	Yellow	2	<b>ZBZ58</b>	0.009/0.020

(1) For other legend models for Emergency stop and Emergency switching off function, see page 66 of DIA5D2121212EN, Harmony XB4 catalog.

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

(3) Not compatible with Ø 30 mm/1.181 in. pushbuttons.



Assembly of other products using:  
 Body/contact assemblies: see page 48  
 Combined sub-assemblies: see page 54  
 Accessories: see page 60



#### Pushbuttons with flush push (1)

Shape of head	Type of push	Color of push	Reference	Weight kg/lb
<b>Heads only, circular</b>				
	Without cap (2)	–	ZB5AH0	0.018/0.040
	Flush	White	ZB5AH01	0.018/0.040
		Black	ZB5AH02	0.018/0.040
		Green	ZB5AH03	0.018/0.040
		Red	ZB5AH04	0.018/0.040
		Yellow	ZB5AH05	0.018/0.040
		Blue	ZB5AH06	0.018/0.040
<b>Heads only, square</b>				
	Without cap (2)	–	ZB5CH0	0.020/0.044
	Flush	White	ZB5CH01	0.020/0.044
		Black	ZB5CH02	0.020/0.044
		Green	ZB5CH03	0.020/0.044
		Red	ZB5CH04	0.020/0.044
		Yellow	ZB5CH05	0.020/0.044
		Blue	ZB5CH06	0.020/0.044

#### Pushbuttons with projecting push (1)

Shape of head	Type of push	Color of push	Reference	Weight kg/lb
<b>Heads only, circular</b>				
	Projecting	White	ZB5AH1	0.018/0.040
		Black	ZB5AH2	0.018/0.040
		Green	ZB5AH3	0.018/0.040
		Red	ZB5AH4	0.018/0.040
		Yellow	ZB5AH5	0.018/0.040
		Blue	ZB5AH6	0.018/0.040

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



Shape of head	Type of push	Color of push	Reference	Weight kg/lb
<b>Heads only, circular (3)</b>				
	Flush	White	ZB5AH013	0.017/0.037
		Green	ZB5AH033	0.017/0.037
		Red	ZB5AH043	0.017/0.037
		Orange	ZB5AH053	0.017/0.037
		Yellow	ZB5AH083	0.017/0.037
		Blue	ZB5AH063	0.017/0.037
<b>Heads only, square (3)</b>				
	Flush	White	ZB5CH313	0.018/0.040
		Green	ZB5CH333	0.018/0.040
		Red	ZB5CH343	0.018/0.040
		Orange	ZB5CH353	0.018/0.040
		Blue	ZB5CH363	0.018/0.040



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

Shape of head	Type of push	Color of push	Reference	Weight kg/lb
<b>Heads only, circular (3)</b>				
	Projecting	White	ZB5AH13	0.017/0.037
		Green	ZB5AH33	0.017/0.037
		Red	ZB5AH43	0.017/0.037
		Orange	ZB5AH53	0.017/0.037
		Yellow	ZB5AH83	0.017/0.037
		Blue	ZB5AH63	0.017/0.037

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

(2) Caps to be ordered separately, see page 60.

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

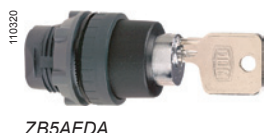


Assembly of other products using:  
body/contact assemblies: see page 48  
accessories: see page 60

## Control and signaling units Ø 22


Harmony XB5, plastic

Pushbuttons, “push-turn to release”



ZB5AFDA

### Pushbuttons with key-operated push (1)

Shape of head	Type of push	Locking	Key withdrawal	Reference	Weight kg/lb
<b>Heads only</b>					
	Key n° 4A185	Both positions	Both positions	ZB5AFDA	0.050/0.110
		Actuated position	Actuated position	ZB5AFDB	0.050/0.110
		Rest position	Rest position	ZB5AFDC	0.050/0.110
		Actuated position	Both positions	ZB5AFDD	0.050/0.110
	Key LU1	Both positions	Both positions	ZB5AFDE01	0.050/0.110
	Key LU2	Both positions	Both positions	ZB5AFDE02	0.050/0.110
	Key LU3	Both positions	Both positions	ZB5AFDE03	0.050/0.110
	Key LU4	Both positions	Both positions	ZB5AFDE04	0.050/0.110
	Key LU5	Both positions	Both positions	ZB5AFDE05	0.050/0.110
	Key LU6	Both positions	Both positions	ZB5AFDE06	0.050/0.110
	Key LU7	Both positions	Both positions	ZB5AFDE07	0.050/0.110
	Key LU8	Both positions	Both positions	ZB5AFDE08	0.050/0.110
	Key LU9	Both positions	Both positions	ZB5AFDE09	0.050/0.110
	Key LU10	Both positions	Both positions	ZB5AFDE10	0.050/0.110
	Key LU11	Both positions	Both positions	ZB5AFDE11	0.050/0.110
	Key LU12	Both positions	Both positions	ZB5AFDE12	0.050/0.110
	Key LU13	Both positions	Both positions	ZB5AFDE13	0.050/0.110
	Key LU14	Both positions	Both positions	ZB5AFDE14	0.050/0.110
	Key LU15	Both positions	Both positions	ZB5AFDE15	0.050/0.110




ZB5AF



ZB5AF351

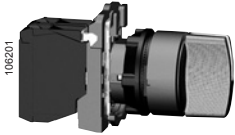
### Pushbuttons with knurled push (1)

Shape of head	Type of push	Marking	Reference	Weight kg/lb
<b>Heads only</b>				
	Knurled without cap (2)	–	ZB5AF	0.027/0.060
	Knurled with marked cap	↑ (white on black background)	ZB5AF351	0.030/0.066

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

(2) Colored caps to be ordered separately, see page 60.

Assembly of other products using:  
 Body/contact assemblies: see page 48  
 Accessories: see page 60



XB5AD33



ZB5AD2

Selector switches with standard handle (1)								
Screw clamp terminal connections (Schneider Electric anti-loosening system)								
Shape of head	Type of operator	Type of contact		Positions		Reference	Weight kg/lb	
		NO	NC	Number	Type			
<b>Complete units</b>								
	Standard handle, black	1	–	2-position 90°	Stay put	✓	<b>XB5AD21</b> (ZB5AZ101 + ZB5AD2) 0.043/0.095	
		1	–		Spring return from right to left	∩	<b>XB5AD41</b> (ZB5AZ101 + ZB5AD4) 0.046/0.101	
		1	1		Stay put	✓	<b>XB5AD25</b> (ZB5AZ105 + ZB5AD2) 0.043/0.095	
		2	–		3-position ± 45°	Stay put	∨	<b>XB5AD33</b> (ZB5AZ103 + ZB5AD3) 0.043/0.095
						Spring return to center	∩∪	<b>XB5AD53</b> (ZB5AZ103 + ZB5AD5) 0.043/0.095
<b>Heads only</b>								
	Standard handle, black			2-position 90°	Stay put	✓	<b>ZB5AD2</b> 0.017/0.037	
					Spring return from right to left	∩	<b>ZB5AD4</b> 0.020/0.044	
				3-position ± 45°	Stay put	∨	<b>ZB5AD3</b> 0.017/0.037	
					Spring return to center	∩∪	<b>ZB5AD5</b> 0.017/0.037	
					Spring return from left to center	∩	<b>ZB5AD7</b> 0.017/0.037	
					Spring return from right to center	∩	<b>ZB5AD8</b> 0.017/0.037	
<b>Heads only with other colored handles</b>								
	Standard handle, White		add suffix <b>01</b> to the reference, example: <b>ZB5AD201</b>					
	Standard handle, Green		add suffix <b>03</b> to the reference, example: <b>ZB5AD203</b>					
	Standard handle, Red		add suffix <b>04</b> to the reference, example: <b>ZB5AD204</b>					
	Standard handle, Yellow		add suffix <b>05</b> to the reference, example: <b>ZB5AD205</b>					
	Standard handle, Blue		add suffix <b>06</b> to the reference, example: <b>ZB5AD206</b>					

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

Assembly of other products using:  
 Body/contact assemblies: see page 48  
 Accessories: see page 60

## Control and signaling units Ø 22

Harmony XB5, plastic


Selector switches with long handle

### Selector switches with long handle <sup>(1)</sup>


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

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

#### Complete units

	Long handle, black	1	–	2-position 90°	Stay put	✓ <b>XB5AJ21</b> (ZB5AZ101 + ZB5AJ2)	0.043/0.095
		2	–	3-position ± 45°	Stay put	✓ <b>XB5AJ33</b> (ZB5AZ103 + ZB5AJ3)	0.043/0.095
					Spring return to center	✓ <b>XB5AJ53</b> (ZB5AZ103 + ZB5AJ5)	0.043/0.095

#### Heads only

	Long handle, black			2-position 90°	Stay put	✓ <b>ZB5AJ2</b>	0.017/0.037
					Spring return from right to left	✓ <b>ZB5AJ4</b>	0.020/0.044
				3-position ± 45°	Stay put	✓ <b>ZB5AJ3</b>	0.017/0.037
					Spring return to center	✓ <b>ZB5AJ5</b>	0.017/0.037
					Spring return from left to center	✓ <b>ZB5AJ7</b>	0.017/0.037
					Spring return from right to center	✓ <b>ZB5AJ8</b>	0.017/0.037

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

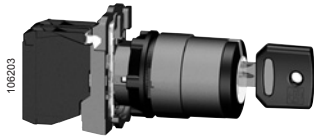


ZB5AJ3



ZB5AJ

Assembly of other products using:  
 Body/contact assemblies: see page 48  
 Accessories: see page 60



XB5AG3



ZB5AG2



ZB5AG3

Key switches (1)										
Screw clamp terminal connections (Schneider Electric anti-loosening system)										
Shape of head	Type of operator	Type of contact		Positions (2)		Reference	Weight kg/lb			
		NO	NC	Number	Type					
<b>Complete units</b>										
	Key switch with key no. 455	1	-	2-position 90°	Stay put		<b>XB5AG21</b> (ZB5AZ101 + ZB5AG2)	0.831/1.832		
							<b>XB5AG41</b> (ZB5AZ101 + ZB5AG4)	0.831/1.832		
		2	-	3-position ± 45°	Stay put		<b>XB5AG61</b> (ZB5AZ101 + ZB5AG6)	0.870/1.918		
							<b>XB5AG03</b> (ZB5AZ103 + ZB5AG0)	0.831/1.832		
						<b>XB5AG33</b> (ZB5AZ103 + ZB5AG3)	0.831/1.832			
<b>Heads only</b>										
	Key switch with key no. 455 (3) (4)	1	-	2-position 90°	Stay put		<b>ZB5AG2</b>	0.057/0.126		
							<b>ZB5AG02</b>	0.057/0.126		
							<b>ZB5AG4</b>	0.057/0.126		
							<b>ZB5AG6</b>	0.061/0.134		
						3-position ± 45°	Stay put		<b>ZB5AG0</b>	0.057/0.126
									<b>ZB5AG3</b>	0.057/0.126
									<b>ZB5AG5</b>	0.057/0.126
									<b>ZB5AG9</b>	0.057/0.126
									<b>ZB5AG09</b>	0.057/0.126
									<b>ZB5AG1</b>	0.057/0.126
									<b>ZB5AG7</b>	0.057/0.126
									<b>ZB5AG8</b>	0.057/0.126
							<b>ZB5AG05</b>	0.057/0.126		
							<b>ZB5AG08</b>	0.057/0.126		

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

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

(3) Other key numbers:

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

Example: For a switch head with key no. 421E, 2-position stay put with key withdrawal from the left-hand position, the reference becomes: ZB5AG212.

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

Assembly of other products using:  
 Body/contact assemblies: see page 48  
 Accessories: see page 60

## Control and signaling units Ø 22




















Harmony XB5, plastic

Key switches with key 8D1








Selector switches with knurled knob - Toggle switches

### Key switches (continued) (1)

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

Shape of head	Type of operator	Positions (2)	Type	Reference	Weight kg/lb		
	Key switch with key no. 8D1	2-position 90°	Stay put		ZB5AG2D	0.057/0.126	
					ZB5AG02D	0.057/0.126	
					ZB5AG4D	0.057/0.126	
			Spring return from right to left			ZB5AG6D	0.061/0.134
						ZB5AG0D	0.057/0.126
		3-position ± 45°	Stay put			ZB5AG3D	0.057/0.126
						ZB5AG5D	0.057/0.126
						ZB5AG9D	0.057/0.126
						ZB5AG09D	0.057/0.126
						ZB5AG03D	0.057/0.126
						ZB5AG04D	0.057/0.126
		Spring return from left to center				ZB5AG06D	0.057/0.126
						ZB5AG1D	0.057/0.126
						ZB5AG07D	0.057/0.126
		Spring return from right to center				ZB5AG8D	0.057/0.126
				ZB5AG08D	0.057/0.126		
				ZB5AG05D	0.057/0.126		
Spring return to center				ZB5AG7D	0.057/0.126		







### Selector switches with knurled knob (1)

Shape of head	Type of operator	Positions	Type	Reference	Weight kg/lb	
<b>Heads only</b>						
	Black knurled knob	2-position 90°	Stay put		ZB5AD29	0.020/0.044
			Spring return from right to left		ZB5AD49	0.024/0.053
		3-position ± 45°	Stay put		ZB5AD39	0.020/0.044
			Spring return to center		ZB5AD59	0.020/0.044
			Spring return from left to center		ZB5AD79	0.020/0.044
			Spring return from right to center		ZB5AD89	0.020/0.044



ZB5AD39


### Toggle switches (1)

Shape of head	Type of operator	Positions	Type	Reference	Weight kg/lb	
<b>Heads only</b>						
	Black lever	2-position 90°	Stay put		ZB5AD28	0.023/0.051
			Spring return		ZB5AD48	0.023/0.051
	White lever	2-position 90°	Stay put		ZB5AD2801	0.023/0.051
	Red lever	2-position 90°	Stay put		ZB5AD2804	0.023/0.051
	Blue lever	2-position 90°	Stay put		ZB5AD2806	0.023/0.051



ZB5AD28

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

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

Assembly of other products using:  
 Combined sub-assemblies: see page 54  
 Accessories: see page 60

## Control and signaling units Ø 22





Harmony XB5, plastic

Illuminated selector switches with standard handle,  
 with integral LED

### Illuminated selector switches with standard handle, with integral LED <sup>(1)</sup> Screw clamp terminal connections (Schneider Electric anti-loosening system)

Shape of head	Type of operator	Type of contact		Positions Number and Type	Supply voltage V	Color of handle	Reference	Weight kg/lb
		NO	NC					

#### Complete units

 PF100206 XB5AK123B5	 PF106209 XB5AK124B5	 107783 XB5AK125B5		Standard handle	1	1	2-position 90° Stay put ↓	24 ~ (50/60 Hz)	Green	<b>XB5AK123B5</b> (ZB5AW0B35 + ZB5AK1233)	0.516/1.138
								Red	<b>XB5AK124B5</b> (ZB5AW0B45 + ZB5AK1243)	0.516/1.138	
								Orange	<b>XB5AK125B5</b> (ZB5AW0B55 + ZB5AK1253)	0.516/1.138	
								110...120 ~ (50/60 Hz)	Green	<b>XB5AK123G5</b> (ZB5AW0G35 + ZB5AK1233)	0.516/1.138
								Red	<b>XB5AK124G5</b> (ZB5AW0G45 + ZB5AK1243)	0.516/1.138	
								Orange	<b>XB5AK125G5</b> (ZB5AW0G55 + ZB5AK1253)	0.516/1.138	
								230...240 ~ (50/60 Hz)	Green	<b>XB5AK123M5</b> (ZB5AW0M35 + ZB5AK1233)	0.516/1.138
								Red	<b>XB5AK124M5</b> (ZB5AW0M45 + ZB5AK1243)	0.516/1.138	
								Orange	<b>XB5AK125M5</b> (ZB5AW0M55 + ZB5AK1253)	0.516/1.138	
		1	1	3-position ± 45° Stay put ↓	24 ~ (50/60 Hz)	Green	<b>XB5AK133B5</b> (ZB5AW0B35 + ZB5AK1333)	0.516/1.138			
		Red	<b>XB5AK134B5</b> (ZB5AW0B45 + ZB5AK1343)		0.516/1.138						
		Orange	<b>XB5AK135B5</b> (ZB5AW0B55 + ZB5AK1353)		0.516/1.138						
		110...120 ~ (50/60 Hz)	Green		<b>XB5AK133G5</b> (ZB5AW0G35 + ZB5AK1333)	0.516/1.138					
		Red	<b>XB5AK134G5</b> (ZB5AW0G45 + ZB5AK1343)		0.516/1.138						
		Orange	<b>XB5AK135G5</b> (ZB5AW0G55 + ZB5AK1353)		0.516/1.138						
		230...240 ~ (50/60 Hz)	Green		<b>XB5AK133M5</b> (ZB5AW0M35 + ZB5AK1333)	0.516/1.138					
		Red	<b>XB5AK134M5</b> (ZB5AW0M45 + ZB5AK1343)		0.516/1.138						
		Orange	<b>XB5AK135M5</b> (ZB5AW0M55 + ZB5AK1353)		0.516/1.138						

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



Assembly of other products using:  
 Combined sub-assemblies: see page 54  
 Accessories: see page 60










## Control and signaling units Ø 22

Harmony XB5, plastic

Illuminated selector switches with standard handle,  
 with integral LED

### Illuminated selector switches with standard handle, with integral LED

(continued) (1)

Shape of head	Type of operator	Positions Number	Type		Color of handle	Reference	Weight kg/lb		
<b>Heads only (2)</b>									
 PFI06227 ZB5AK1263	 Protected LED	2-position 90°	Stay put		White	<b>ZB5AK1213</b>	0.016/0.035		
					Green	<b>ZB5AK1233</b>	0.016/0.035		
					Red	<b>ZB5AK1243</b>	0.016/0.035		
					Orange	<b>ZB5AK1253</b>	0.016/0.035		
					Yellow	<b>ZB5AK1283</b>	0.016/0.035		
					Blue	<b>ZB5AK1263</b>	0.016/0.035		
						Spring return from right to left 	White	<b>ZB5AK1413</b>	0.017/0.037
							Green	<b>ZB5AK1433</b>	0.017/0.037
							Red	<b>ZB5AK1443</b>	0.017/0.037
							Orange	<b>ZB5AK1453</b>	0.017/0.037
							Yellow	<b>ZB5AK1483</b>	0.017/0.037
							Blue	<b>ZB5AK1463</b>	0.017/0.037
 IOPPF106225 ZB5AK1313		3-position ± 45°	Stay put		White	<b>ZB5AK1313</b>	0.016/0.035		
					Green	<b>ZB5AK1333</b>	0.016/0.035		
					Red	<b>ZB5AK1343</b>	0.016/0.035		
					Orange	<b>ZB5AK1353</b>	0.016/0.035		
					Yellow	<b>ZB5AK1383</b>	0.016/0.035		
					Blue	<b>ZB5AK1363</b>	0.016/0.035		
					Spring return to center 	White	<b>ZB5AK1513</b>	0.016/0.035	
						Green	<b>ZB5AK1533</b>	0.016/0.035	
						Red	<b>ZB5AK1543</b>	0.016/0.035	
		Spring return from right to center 	White	<b>ZB5AK1813</b>	0.016/0.035				
			Green	<b>ZB5AK1833</b>	0.016/0.035				
			Red	<b>ZB5AK1843</b>	0.016/0.035				
			Orange	<b>ZB5AK1853</b>	0.016/0.035				
			Yellow	<b>ZB5AK1883</b>	0.016/0.035				
			Blue	<b>ZB5AK1863</b>	0.016/0.035				
		Spring return from left to center 	White	<b>ZB5AK1713</b>	0.016/0.035				
			Green	<b>ZB5AK1733</b>	0.016/0.035				
			Red	<b>ZB5AK1743</b>	0.016/0.035				
Orange	<b>ZB5AK1753</b>		0.016/0.035						
Yellow	<b>ZB5AK1783</b>		0.016/0.035						
Blue	<b>ZB5AK1763</b>		0.016/0.035						

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

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



Assembly of other products using:  
 Light block sub-assemblies: see page 56  
 Accessories: see page 60

## Control and signaling units Ø 22

Harmony XB5, plastic  
 Pilot lights with integral LED




XB5AVB1



XB5EVG1

### Pilot lights with integral LED

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

Shape of head	Supply voltage V	Color	Reference for monolithic units	Reference for complete units	Weight kg/lb
<b>Complete units (with plain lens)</b>					
	24 ~ (50/60 Hz)	White	<b>XB5EVB1</b>	<b>XB5AVB1</b> (ZB5AVB1 + ZB5AV013)	0.038/0.084
		Green	<b>XB5EVB3</b>	<b>XB5AVB3</b> (ZB5AVB3 + ZB5AV033)	0.038/0.084
		Red	<b>XB5EVB4</b>	<b>XB5AVB4</b> (ZB5AVB4 + ZB5AV043)	0.038/0.084
		Orange	<b>XB5EVB5</b>	<b>XB5AVB5</b> (ZB5AVB5 + ZB5AV053)	0.038/0.084
		Blue	<b>XB5EVB6</b>	<b>XB5AVB6</b> (ZB5AVB6 + ZB5AV063)	0.038/0.084
		Yellow	<b>XB5EVB8</b>	–	0.038/0.084
	110...120 ~ (50/60 Hz)	White	<b>XB5EVG1</b>	<b>XB5AVG1</b> (ZB5AVG1 + ZB5AV013)	0.038/0.084
		Green	<b>XB5EVG3</b>	<b>XB5AVG3</b> (ZB5AVG3 + ZB5AV033)	0.038/0.084
		Red	<b>XB5EVG4</b>	<b>XB5AVG4</b> (ZB5AVG4 + ZB5AV043)	0.038/0.084
		Orange	<b>XB5EVG5</b>	<b>XB5AVG5</b> (ZB5AVG5 + ZB5AV053)	0.038/0.084
		Blue	<b>XB5EVG6</b>	<b>XB5AVG6</b> (ZB5AVG6 + ZB5AV063)	0.038/0.084
		Yellow	<b>XB5EVG8</b>	–	0.038/0.084
	230...240 ~ (50/60 Hz)	White	<b>XB5EVM1</b>	<b>XB5AVM1</b> (ZB5AVM1 + ZB5AV013)	0.038/0.084
		Green	<b>XB5EVM3</b>	<b>XB5AVM3</b> (ZB5AVM3 + ZB5AV033)	0.038/0.084
		Red	<b>XB5EVM4</b>	<b>XB5AVM4</b> (ZB5AVM4 + ZB5AV043)	0.038/0.084
		Orange	<b>XB5EVM5</b>	<b>XB5AVM5</b> (ZB5AVM5 + ZB5AV053)	0.038/0.084
		Blue	<b>XB5EVM6</b>	<b>XB5AVM6</b> (ZB5AVM6 + ZB5AV063)	0.038/0.084
		Yellow	<b>XB5EVM8</b>	–	0.038/0.084

Assembly of other products using:  
Light block sub-assemblies: see page 56  
Accessories: see page 60



## Control and signaling units Ø 22

Harmony XB5, plastic  
Pilot lights with integral LED

### Pilot lights with integral LED

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

#### Heads only, circular (1)

Shape of head	For use with body comprising light source type	Color of lens	Reference	Weight kg/lb
■ With plain lens				
	Integral LED only 	White	ZB5AV013	0.017/0.037
		Green	ZB5AV033	0.017/0.037
		Red	ZB5AV043	0.017/0.037
		Orange	ZB5AV053	0.017/0.037
		Yellow	ZB5AV083	0.017/0.037
		Blue	ZB5AV063	0.017/0.037
		5 colors (2) (3)	ZB5AV003	0.017/0.037





#### ■ With plain lens, for insertion of legend (3)

	Integral LED only 	White	ZB5AV013E	0.017/0.037
		Green	ZB5AV033E	0.017/0.037
		Red	ZB5AV043E	0.017/0.037
		Orange	ZB5AV053E	0.017/0.037
		Yellow	ZB5AV083E	0.017/0.037
		Blue	ZB5AV063E	0.017/0.037



#### ■ With grooved lens (4)

	Integral LED only 	White	ZB5AV013S	0.017/0.037
		Green	ZB5AV033S	0.017/0.037
		Red	ZB5AV043S	0.017/0.037
		Orange	ZB5AV053S	0.017/0.037
		Yellow	ZB5AV083S	0.017/0.037
		Blue	ZB5AV063S	0.017/0.037



#### Heads only, square (1)

##### ■ With plain lens

	Integral LED only 	White	ZB5CV013	0.020/0.044
		Green	ZB5CV033	0.020/0.044
		Red	ZB5CV043	0.020/0.044
		Orange	ZB5CV053	0.020/0.044
		Blue	ZB5CV063	0.020/0.044
		5 colors (2)	ZB5CV003	0.028/0.062

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

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

(3) For legend ordering information, see page 69.

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

Assembly of other products using:  
Light block sub-assemblies: see page 56  
Accessories: see page 60

## Control and signaling units Ø 22

Harmony XB5, plastic

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


PF080703



XB5AV5B4



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

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

Shape of head	Supply voltage V	Color	Reference (1)	Weight kg/lb
	400 ~ - 50 Hz (1)	White	<b>XB5AV5B1</b>	0.133/0.293
		Green	<b>XB5AV5B3</b>	0.133/0.293
		Red	<b>XB5AV5B4</b>	0.133/0.293
		Orange	<b>XB5AV5B5</b>	0.133/0.293
		Blue	<b>XB5AV5B6</b>	0.133/0.293

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

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

Shape of head	Supply voltage V	Color	Reference	Weight kg/lb
<b>Complete units - With plain lens</b>				
■ Direct supply, for BA 9s bulb, U ≤ 250 V, 2.4 W max (bulb not included)				
	≤ 250	White	<b>XB5AV61</b> (ZB5AV6 + ZB5AV01)	0.037/0.082
		Green	<b>XB5AV63</b> (ZB5AV6 + ZB5AV03)	0.037/0.082
		Red	<b>XB5AV64</b> (ZB5AV6 + ZB5AV04)	0.037/0.082
		Orange	<b>XB5AV65</b> (ZB5AV6 + ZB5AV05)	0.037/0.082
■ Via integral transformer, 1.2 VA, 6 V secondary, with BA 9s incandescent bulb (included)				
	110...120 ~ - 50/60 Hz	White	<b>XB5AV31</b> (ZB5AV3 + ZB5AV01)	0.109/0.240
		Green	<b>XB5AV33</b> (ZB5AV3 + ZB5AV03)	0.109/0.240
		Red	<b>XB5AV34</b> (ZB5AV3 + ZB5AV04)	0.109/0.240
		Orange	<b>XB5AV35</b> (ZB5AV3 + ZB5AV05)	0.109/0.240
		White	<b>XB5AV41</b> (ZB5AV4 + ZB5AV01)	0.110/0.243
	230 ~ - 50 Hz 220...240 ~ - 60 Hz	Green	<b>XB5AV43</b> (ZB5AV4 + ZB5AV03)	0.110/0.243
		Red	<b>XB5AV44</b> (ZB5AV4 + ZB5AV04)	0.110/0.243
		Orange	<b>XB5AV45</b> (ZB5AV4 + ZB5AV05)	0.110/0.243

101282





XB5AV63

101281



XB5AV34

### Heads only (2)

Shape of head	For use with body comprising light source type	Color of lens	Reference	Weight kg/lb
■ With plain lens				
	<b>With BA 9s base fitting</b>	White	<b>ZB5AV01</b>	0.018/0.040
		Green	<b>ZB5AV03</b>	0.018/0.040
		Red	<b>ZB5AV04</b>	0.018/0.040
		Orange	<b>ZB5AV05</b>	0.018/0.040
		Blue	<b>ZB5AV06</b>	0.018/0.040
		Clear	<b>ZB5AV07</b>	0.018/0.040
		■ With grooved lens (3)		
	<b>With BA 9s base fitting</b>	White	<b>ZB5AV01S</b>	0.017/0.037
		Green	<b>ZB5AV03S</b>	0.017/0.037
		Red	<b>ZB5AV04S</b>	0.017/0.037
		Orange	<b>ZB5AV05S</b>	0.017/0.037
		Blue	<b>ZB5AV06S</b>	0.017/0.037
		Clear	<b>ZB5AV07S</b>	0.017/0.037

PG113112



ZB5AV01

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

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

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

Assembly of other products using:  
 Light block sub-assemblies: see page 56  
 Accessories: see page 60

# Control and signaling units Ø 22

Harmony XB5, plastic


3-phase pilot light with integral LED



XB5EV57K4



XB5EV57L4

3-phase pilot lights with integral LED				
Faston connector, 6.3 mm				
Shape of head	Supply voltage V	Color	Reference (1)	Weight kg/lb
<b>Complete units - With plain lens</b>				
	400 ~ - 50/60 Hz	Red Green Yellow	<b>XB5EV57K4</b>	0.065/0.143
	400 ~ - 50/60 Hz	White White White	<b>XB5EV57L4</b>	0.065/0.143

Assembly of other products using:  
 Body/contact assemblies: see page 48  
 Accessories: see page 60

## Control and signaling units Ø 22

Harmony XB5, plastic

Specific functions

Pushbuttons for manual overload reset, potentiometers



XB5AA801



XB5AD912R1K



ZB5AD●●●

### Manual overload reset buttons (travel 10 mm/0.349 in.)

Shape of head	Actuation distance mm/in.	Marking	Color	Reference	Weight kg/lb
<b>Without cap (1)</b>					
	17...120 /0.669...4.724	–	–	<b>XB5AA801</b>	0.027/0.060
	120...257 /4.724...10.118	–	–	<b>XB5AA802</b>	0.040/0.088

### With flush push

	17...120 /0.669...4.724	Without	Green	<b>XB5AA831</b>	0.027/0.060
			Red	<b>XB5AA841</b>	0.027/0.060
			Blue	<b>XB5AA861</b>	0.027/0.060
	120...257 /4.724...10.118	O	Red	<b>XB5AA84101</b>	0.027/0.060
		R	Blue	<b>XB5AA86102</b>	0.027/0.060
		Without	Green	<b>XB5AA832</b>	0.040/0.088
		Red	<b>XB5AA842</b>	0.040/0.088	
		Blue	<b>XB5AA862</b>	0.040/0.088	
		O	Red	<b>XB5AA84201</b>	0.040/0.088
		R	Blue	<b>XB5AA86202</b>	0.040/0.088

### With projecting push

	17...120 /0.669...4.724	O	Red	<b>XB5AL84101</b>	0.027/0.060
	120...257 /4.724...10.118	O	Red	<b>XB5AL84201</b>	0.040/0.088

### Complete potentiometer

Description	Resistance k Ω	Reference	Weight kg/lb
+/-10% linear mode precision complete potentiometer with screw terminals	1	<b>XB5AD912R1K</b>	0.048/0.106
	4.7	<b>XB5AD912R4K7</b>	0.048/0.106
	10	<b>XB5AD912R10K</b>	0.048/0.106
	47	<b>XB5AD912R47K</b>	0.048/0.106
	100	<b>XB5AD912R100K</b>	0.048/0.106
	470	<b>XB5AD912R470K</b>	0.048/0.106

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

Shape of head	Description	For use with	Reference	Weight kg/lb
	For potentiometer with shaft length 45 to 50 mm /1.772 to 1.968 in.	Ø 6 mm/ 0.236 in. shaft	<b>ZB5AD912</b>	0.032/0.071
		Ø 6.35 mm/ 0.250 in. shaft	<b>ZB5AD922</b>	0.032/0.071

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

(2) Potentiometer not included.



## References

Assembly of other products using:  
Body/contact assemblies: see page 48  
Accessories: see page 60

# Control and signaling units Ø 22

Harmony XB5, plastic

Specific functions

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



XB5DTB22

### Timers

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



XB5DSB

### Hour counters

Characteristics	Supply voltage V	Reference	Weight kg/lb
Indication 0...9999.9	12...24 $\overline{\sim}$ - 50 or 60 Hz	<b>XB5DSB</b>	0.045/0.099
	120 $\sim$ - 60 Hz	<b>XB5DSG</b>	0.045/0.099
	230...240 $\sim$ - 50 Hz	<b>XB5DSM</b>	0.045/0.099



XB5KSB

### Annunciators (IP 40 NEMA 1)

85 db buzzer: 4 kHz, with continuous or intermittent operation (connection diagram: on Schneider Electric website, Harmony XB5 page)	24 $\overline{\sim}$ - 50 or 60 Hz	<b>XB5KSB</b>	0.035/0.077
	120 $\sim$ - 50 or 60 Hz	<b>XB5KSG</b>	0.035/0.077
	230...240 $\sim$ - 50 Hz	<b>XB5KSM</b>	0.035/0.077



XB5PUSB3

### USB and RJ45 ports

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



XB5PRJ45



XB5DT1S

### Fuse carrier

Description	For use with	Reference	Weight kg/lb
Fuse carrier	5 x 20 mm/0.197 x 0.787 in. fuse 6.3A - 250 V	<b>XB5DT1S</b>	0.022/0.049

(1) For ordering protection covers, see page 70.

## References

Assembly of other products using:  
Accessories: see page 60

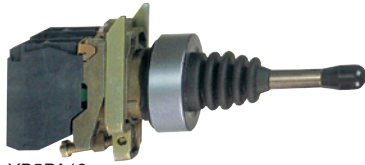
# Control and signaling units Ø 22

Harmony XB5, plastic

Specific functions

Joystick controllers

10/1189



XB5PA12

### Joystick controllers (with 54 mm/2.126 in. long operating shaft) (1)

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

Description	Operation	Spring return to zero position	Reference	Weight kg/lb
<b>Complete products</b>				
<b>2-direction</b>	1 notch 1 NO contact per direction	Without	<b>XD5PA12</b>	0.060/0.132
		With	<b>XD5PA22</b>	0.060/0.132
<b>4-direction</b>	1 notch 1 NO contact per direction	Without	<b>XD5PA14</b>	0.077/0.170
		With	<b>XD5PA24</b>	0.077/0.170

#### Other versions

Joystick controllers and complete body/contact assemblies for joystick controllers with Faston connector terminals (6.35 or 2 x 2.8/0.250 or 2 x 0.110 in.) Please contact our Customer Care Center.

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

Assembly of other products using:  
Accessories: see page 60

## Control and signaling units Ø 22

Harmony XB5, plastic

Specific functions

Joystick controllers



ZD5PA103



ZD5PA203



ZD5PA12

<b>Joystick controllers</b> (with 54 mm/2.126 in. long operating shaft) (1)				
<b>Screw clamp terminal connections</b> (Schneider Electric anti-loosening system)				
Description	For use with	Spring return to zero position	Reference	Weight kg/lb
<b>Sub-assemblies for joystick controllers</b>				
<b>Complete body/contact assemblies</b>	2-direction		<b>ZD5PA103</b>	0.049/0.108
	4-direction		<b>ZD5PA203</b>	0.058/0.128
<b>Complete head assemblies with operating shaft</b>	2-direction, stay put		<b>ZD5PA12</b>	0.022/0.049
	2-direction, spring return to zero position		<b>ZD5PA22</b>	0.022/0.049
	4-direction, stay put		<b>ZD5PA14</b>	0.022/0.049
	4-direction, spring return to zero position		<b>ZD5PA24</b>	0.022/0.049
<b>Legends 30 x 48 mm /1.181 x 1.890 in. for engraving</b>	2-direction	Black on one side Red on reverse	<b>ZBG2201</b>	0.001/0.002
		White on one side Yellow on reverse	<b>ZBG2401</b>	0.001/0.002
<b>Legends 48 x 48 mm /1.890 x 1.890 in. for engraving</b>	4-direction	Black on one side Red on reverse	<b>ZBG4201</b>	0.002/0.004
		White on one side Yellow on reverse	<b>ZBG4401</b>	0.002/0.004



To combine with heads,  
see page 21



ZBVB1



ZBV5B



ZBZG156



ZBZM156



ZBZVG

## Light blocks

Description	Supply voltage V	Color of light source	Sold in lots of	Unit reference	Weight kg/lb
<b>Light blocks with screw clamp terminal connections</b> (Schneider Electric anti-loosening system)					
Integral LED (to combine with heads for integral LED)	12 $\sim$ (50 or 60 Hz)	White	5	ZBVJ1	0.017/0.037
		Green	5	ZBVJ3	0.017/0.037
		Red	5	ZBVJ4	0.017/0.037
		Orange	5	ZBVJ5	0.017/0.037
		Blue	5	ZBVJ6	0.017/0.037
		24 $\sim$ (50 or 60 Hz)	White	5	ZBVB1
	Green		5	ZBVB3	0.017/0.037
	Red		5	ZBVB4	0.017/0.037
	Orange		5	ZBVB5	0.017/0.037
	Yellow		5	ZBVB8	0.017/0.037
	Blue		5	ZBVB6	0.017/0.037
	24...120 $\sim$ (50 or 60 Hz)	White	5	ZBVBG1	0.017/0.037
		Green	5	ZBVBG3	0.017/0.037
		Red	5	ZBVBG4	0.017/0.037
		Orange	5	ZBVBG5	0.017/0.037
		Blue	5	ZBVBG6	0.017/0.037
110...120 $\sim$ (50 or 60 Hz)		White	5	ZBVG1	0.017/0.037
	Green	5	ZBVG3	0.017/0.037	
	Red	5	ZBVG4	0.017/0.037	
	Orange	5	ZBVG5	0.017/0.037	
	Yellow	5	ZBVG8	0.017/0.037	
	Blue	5	ZBVG6	0.017/0.037	
230...240 $\sim$ (50 or 60 Hz)	White	5	ZBVM1	0.017/0.037	
	Green	5	ZBVM3	0.017/0.037	
	Red	5	ZBVM4	0.017/0.037	
	Orange	5	ZBVM5	0.017/0.037	
	Yellow	5	ZBVM8	0.017/0.037	
	Blue	5	ZBVM6	0.017/0.037	

## Flashing light blocks with screw clamp terminal connections

(Schneider Electric anti-loosening system)					
Description	Supply voltage V	Color of light source	Sold in lots of	Unit reference	Weight kg/lb
Integral LED (to combine with heads for integral LED)	24 $\sim$ (50 or 60 Hz)	White	5	ZBV18B1	0.017/0.037
		Green	5	ZBV18B3	0.017/0.037
		Red	5	ZBV18B4	0.017/0.037
		Orange	5	ZBV18B5	0.017/0.037
		Blue	5	ZBV18B6	0.017/0.037
		110...120 $\sim$ (50 or 60 Hz)	White	5	ZBV18G1
	Green		5	ZBV18G3	0.017/0.037
	Red		5	ZBV18G4	0.017/0.037
	Orange		5	ZBV18G5	0.017/0.037
	Blue		5	ZBV18G6	0.017/0.037
	230...240 $\sim$ (50 or 60 Hz)		White	5	ZBV18M1
		Green	5	ZBV18M3	0.017/0.037
Red		5	ZBV18M4	0.017/0.037	
Orange		5	ZBV18M5	0.017/0.037	
Blue		5	ZBV18M6	0.017/0.037	

For use with	Supply voltage V	Description	Reference	Weight kg/lb
<b>Transformer blocks for 24 V light blocks (1)</b>				
Light blocks with integral LED	400 V $\sim$ - 50Hz	Transformer 400 V - 24 V $\sim$	ZBV5B (2)	0.090/0.198
<b>Blocks for "test light" function</b>				
Light blocks	12 and 24 $\sim$ 24...120 $\sim$	Single module, 1 connecting wire	ZBZG156 (3)	0.010/0.022
Light blocks with integral LED	48...230 $\sim$	Double module, with connecting wires	ZBZM156 (4)	0.010/0.022

## LED suppressors

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

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

(2) To order 440...460 V  $\sim$  - 60 Hz transformer blocks, replace "5" in the reference with "8": ZBV5B becomes ZBV8B.  
To order 550...600 V  $\sim$  - 60 Hz transformer blocks, replace "5" with "9": ZBV5B becomes ZBV9B.

(3) Block for use with  $\sim$  light blocks with integral LED types ZBVJ $\bullet$ , ZBVB $\bullet$ , ZBVG $\bullet$  or with direct supply light block for BA 9s bulb, ZBV6.

(4) Block for use  $\sim$  light blocks integral LED types ZBVG $\bullet$ , ZBVM $\bullet$ , see connection on the Schneider Electric website, Harmony XB5 page.

To combine with heads, see pages 14 to 38

814588



ZB5AZ009

#### Body/fixing collar

For use with	Sold in lots of	Unit reference	Weight kg/lb
Electrical block (contact or light)	10	ZB5AZ009	0.006/0.013

PF10777



ZBE1015

#### Contact functions

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

##### Contacts for standard applications

Description	Type of contact	NO	NC	Sold in lots of	Unit reference	Weight kg/lb
Contact blocks	Single	1	–	4	ZBE1015	0.011/0.024
		–	1	4	ZBE1025	0.011/0.024
Contact blocks	Single with body/fixing collar	1	–	1	ZB5AZ1015	0.021/0.046
		–	1	1	ZB5AZ1025	0.021/0.046
		2	–	1	ZB5AZ1035	0.030/0.066
		–	2	1	ZB5AZ1045	0.030/0.066
		1	1	1	ZB5AZ1055	0.030/0.066

PF10778



ZB5AZ1015

#### Light blocks

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

Description	Supply voltage V	Color of light source	Sold in lots of	Unit reference	Weight kg/lb
Integral LED (to combine with heads for integral LED)	12 ~ (50 or 60 Hz)	White	4	ZBVJ15	0.016/0.035
		Green	4	ZBVJ35	0.016/0.035
		Red	4	ZBVJ45	0.016/0.035
		Orange	4	ZBVJ55	0.016/0.035
		Blue	4	ZBVJ65	0.016/0.035
Integral LED (to combine with heads for integral LED)	24 ~ (50 or 60 Hz)	White	4	ZBVB15	0.016/0.035
		Green	4	ZBVB35	0.016/0.035
		Red	4	ZBVB45	0.016/0.035
		Orange	4	ZBVB55	0.016/0.035
		Blue	4	ZBVB65	0.016/0.035
Integral LED (to combine with heads for integral LED)	110...120 ~ (50 or 60 Hz)	White	4	ZBVG15	0.016/0.035
		Green	4	ZBVG35	0.016/0.035
		Red	4	ZBVG45	0.016/0.035
		Orange	4	ZBVG55	0.016/0.035
		Blue	4	ZBVG65	0.016/0.035
Integral LED (to combine with heads for integral LED)	230...240 ~ (50 or 60 Hz)	White	4	ZBVM15	0.016/0.035
		Green	4	ZBVM35	0.016/0.035
		Red	4	ZBVM45	0.016/0.035
		Orange	4	ZBVM55	0.016/0.035
		Blue	4	ZBVM65	0.016/0.035

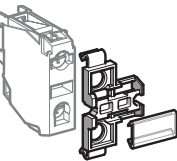
Protected LED

PF08071



ZBVB35

814282



ZBZ001

#### Sheet of 50 blank legends

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

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

To combine with heads,  
see pages 14 to 38

814588



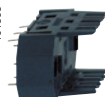
ZB5AZ009

DF540919



ZB5AZ079 + ZB5AZ009

101303



ZBZ011

101259



ZBE701

101280



ZBE702

PF512550



ZBVB37

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

Description	For use with	Sold in lots of	Unit reference	Weight kg/lb
Body/fixing collar	Electrical block (contact or light)	10	ZB5AZ009	0.006/0.013
Fixing collar/pillar	Printed circuit board support (fixing screw ZBZ006 to be ordered separately)	10	ZB5AZ079	0.003/0.007
Fixing screw for printed circuit board	Fixing collar/pillar ZB5AZ079	10	ZBZ006	0.011/0.024

### Adapter (socket) (1)

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

### Contact functions (1)

#### Contacts for standard applications

Description	Type of contact	NO	NC	Sold in lots of	Unit reference	Weight kg/lb
Contact blocks	Single	1	–	5	ZBE701	0.011/0.024
		–	1	5	ZBE702	0.011/0.024

#### Contacts for specific applications

Application	Type of contact	NO	NC	Sold in lots of	Unit reference	Weight kg/lb
Low power switching	Single	1	–	5	ZBE7016	0.012/0.026
		–	1	5	ZBE7026	0.012/0.026

### Light blocks (1)

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

Protected LED

(1) For details on support drilling and printed circuit board, refer to the Schneider Electric website, Harmony XB5 page.



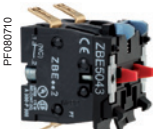
To combine with heads, see pages 14 to 38



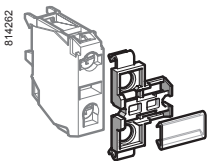
ZBE1023



ZBE2043



ZBE5043



ZBZ001

### Contact functions (1) Faston connectors (6.35 or 2 x 2.8 mm/0.250 or 2 x 0.110 in.)

Contacts for standard applications						
Description	Type of contact			Sold in lots of	Unit reference	Weight kg/lb
Contact blocks	Single	1	–	5	ZBE1013	0.011/0.024
		–	1	5	ZBE1023	0.011/0.024
		2	–	5	ZBE2033	0.020/0.044
		–	2	5	ZBE2043	0.020/0.044
		1	1	5	ZBE2053	0.020/0.044
		1	–	1	ZB5AZ1013 (2)	0.021/0.046
	Single with body/fixing collar	–	1	1	ZB5AZ1023 (2)	0.021/0.046
		2	–	1	ZB5AZ1033	0.030/0.066
		–	2	1	ZB5AZ1043	0.030/0.066
		1	1	1	ZB5AZ1053	0.030/0.066

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

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

For use with	Sold in lots of	Unit reference	Weight kg/lb
Identification of an XB5A control or signaling unit	10	ZBZ001	0.001/0.002

### Sheet of 50 blank legends

Legend holder ZBZ001	10	ZBY001	0.023/0.051
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(1) The contact blocks enable variable composition of body/contact assemblies. Maximum number of rows possible: 3. Either 3 rows of 3 single contacts or 1 row of 3 double contacts + 1 row of 3 single contacts (double contacts occupy the first 2 rows).  
 (2) To order products with screw clamp terminal connections for lugs, replace the 3 at the end of the reference with a 9. Example: ZBE1013 becomes ZBE1019.  
 (3) It is not possible to fit an additional contact block on the back of these contact blocks.  
 (4) It is not possible to use these contacts with light blocks.  
 (5) This legend holder is not compatible with high power switching contacts.

To combine with heads,  
see pages 14 to 38



ZB5AZ009



ZBE1014



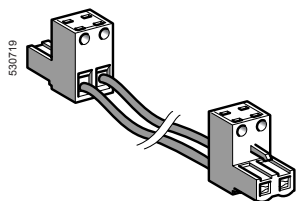
ZBE1024



ZB5AZ1024



ZBVB14



APE1C2250

### Body/fixing collar

For use with	Sold in lots of	Unit reference	Weight kg/lb
Electrical block (contact or light)	10	ZB5AZ009	0.006/0.013

### Contact functions

#### Plug-in connector (1)

#### Contacts for standard applications

Description	Type of contact			Sold in lots of	Unit reference	Weight kg/lb
		NO	NC			
Contact blocks	Single	1	–	5	ZBE1014	0.011/0.024
		–	1	5	ZBE1024	0.011/0.024
	Single with body/fixing collar	1	–	1	ZB5AZ1014	0.018/0.040
		–	1	1	ZB5AZ1024	0.018/0.040
		2	–	1	ZB5AZ1034	0.026/0.057
		–	2	1	ZB5AZ1044	0.026/0.057
		1	1	1	ZB5AZ1054	0.026/0.057
		1	2	1	ZB5AZ1414	0.036/0.079

### Light blocks

#### Plug-in connector

Description	Supply voltage V	Color of light source	Sold in lots of	Unit reference	Weight kg/lb
Integral LED (to combine with heads for integral LED)	24 $\overline{\sim}$ (50 or 60 Hz)	White	5	ZBVB14	0.016/0.035
		Green	5	ZBVB34	0.016/0.035
		Red	5	ZBVB44	0.016/0.035
		Orange	5	ZBVB54	0.016/0.035
		Blue	5	ZBVB64	0.016/0.035
	110...120 $\sim$ (50 or 60 Hz)	White	5	ZBVG14	0.016/0.035
		Green	5	ZBVG34	0.016/0.035
		Red	5	ZBVG44	0.016/0.035
		Orange	5	ZBVG54	0.016/0.035
		Blue	5	ZBVG64	0.016/0.035
	230...240 $\sim$ (50 or 60 Hz)	White	5	ZBVM14	0.016/0.035
		Green	5	ZBVM34	0.016/0.035
		Red	5	ZBVM44	0.016/0.035
		Orange	5	ZBVM54	0.016/0.035
		Blue	5	ZBVM64	0.016/0.035

Protected LED

### Connecting cables and connector

Description	Number of connectors	Wire c.s.a. mm <sup>2</sup> /AWG	Length mm/in.	Sold in lots of	Unit reference	Weight kg/lb
Cables with connectors 2-pin, 5.08 mm /0.200 in. pitch	1	0.75/19	500/19.685	8	APE1C2150	0.120/0.265
	2	0.75/19	500/19.685	8	APE1C2250	0.180/0.397
Spring terminal connector 2-pin, 5.08 mm /0.200 in. pitch	–	0.2 to 2.5 /25 to 14	–	10	APE1PRE21	0.003/0.007

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

# Control and signaling units Ø 22

Harmony XB5, plastic

Body/contact assemblies and light blocks with integral LED

To combine with:  
Heads, see pages 19 to 35  
Contacts, see page 48



Complete body/contact assemblies and light blocks <sup>(1)</sup>						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Light source	Supply voltage V	Type of contact		Color of light source	Reference	Weight kg/lb
<b>Direct supply</b>						
Integral LED <b>Protected LED</b>	24 ~ (50 or 60 Hz)	1	-	White	ZB5AW0B11	0.032/0.071
				Green	ZB5AW0B31	0.032/0.071
				Red	ZB5AW0B41	0.032/0.071
				Orange	ZB5AW0B51	0.032/0.071
				Blue	ZB5AW0B61	0.032/0.071
		-	1	White	ZB5AW0B12	0.032/0.071
				Green	ZB5AW0B32	0.032/0.071
				Red	ZB5AW0B42	0.032/0.071
				Orange	ZB5AW0B52	0.032/0.071
				Blue	ZB5AW0B62	0.032/0.071
		2	-	White	ZB5AW0B13	0.042/0.093
				Green	ZB5AW0B33	0.042/0.093
				Red	ZB5AW0B43	0.042/0.093
				Orange	ZB5AW0B53	0.042/0.093
				Blue	ZB5AW0B63	0.042/0.093
1	1	White	ZB5AW0B15	0.042/0.093		
		Green	ZB5AW0B35	0.042/0.093		
		Red	ZB5AW0B45	0.042/0.093		
		Orange	ZB5AW0B55	0.042/0.093		
		Blue	ZB5AW0B65	0.042/0.093		
110...120 ~ (50 or 60 Hz)	1	-	White	ZB5AW0G11	0.032/0.071	
			Green	ZB5AW0G31	0.032/0.071	
			Red	ZB5AW0G41	0.032/0.071	
			Orange	ZB5AW0G51	0.032/0.071	
			Blue	ZB5AW0G61	0.032/0.071	
		-	1	White	ZB5AW0G12	0.032/0.071
				Green	ZB5AW0G32	0.032/0.071
				Red	ZB5AW0G42	0.032/0.071
				Orange	ZB5AW0G52	0.032/0.071
				Blue	ZB5AW0G62	0.032/0.071
		2	-	White	ZB5AW0G13	0.042/0.093
				Green	ZB5AW0G33	0.042/0.093
				Red	ZB5AW0G43	0.042/0.093
				Orange	ZB5AW0G53	0.042/0.093
				Blue	ZB5AW0G63	0.042/0.093
1	1	White	ZB5AW0G15	0.042/0.093		
		Green	ZB5AW0G35	0.042/0.093		
		Red	ZB5AW0G45	0.042/0.093		
		Orange	ZB5AW0G55	0.042/0.093		
		Blue	ZB5AW0G65	0.042/0.093		

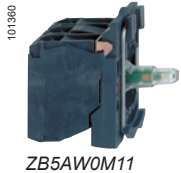
**Other versions** Complete bodies with Faston connector terminals (6.35 or 2 x 2.8/0.250 or 2 x 0.110 in.). Please contact our Customer Care Center.

(1) Can be fitted with additional contact blocks, see page 48.

# Control and signaling units Ø 22

Harmony XB5, plastic  
Body/contact assemblies + light blocks with integral LED

To combine with:  
Heads, see pages 19 to 35  
Contacts, see page 48



Complete body/contact assemblies and light blocks <sup>(1)</sup> (continued)						
Screw clamp terminal connections (Schneider Electric anti-loosening system)						
Light source	Supply voltage V	Type of contact		Color of light source	Reference	Weight kg/lb
		NO	NC			
<b>Direct supply (continued)</b>						
Integral LED <b>Protected LED</b>	230...240 ~ (50 or 60 Hz)	1	-	White	<b>ZB5AW0M11</b>	0.032/0.071
				Green	<b>ZB5AW0M31</b>	0.032/0.071
				Red	<b>ZB5AW0M41</b>	0.032/0.071
				Orange	<b>ZB5AW0M51</b>	0.032/0.071
				Blue	<b>ZB5AW0M61</b>	0.032/0.071
		-	1	White	<b>ZB5AW0M12</b>	0.032/0.071
				Green	<b>ZB5AW0M32</b>	0.032/0.071
				Red	<b>ZB5AW0M42</b>	0.032/0.071
				Orange	<b>ZB5AW0M52</b>	0.032/0.071
				Blue	<b>ZB5AW0M62</b>	0.032/0.071
		2	-	White	<b>ZB5AW0M13</b>	0.042/0.093
				Green	<b>ZB5AW0M33</b>	0.042/0.093
				Red	<b>ZB5AW0M43</b>	0.042/0.093
				Orange	<b>ZB5AW0M53</b>	0.042/0.093
				Blue	<b>ZB5AW0M63</b>	0.042/0.093
		1	1	White	<b>ZB5AW0M15</b>	0.042/0.093
				Green	<b>ZB5AW0M35</b>	0.042/0.093
				Red	<b>ZB5AW0M45</b>	0.042/0.093
				Orange	<b>ZB5AW0M55</b>	0.042/0.093
				Blue	<b>ZB5AW0M65</b>	0.042/0.093

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

(1) Can be fitted with additional contact blocks, see page 48.

# Control and signaling units Ø 22

## Harmony XB5, plastic

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

To combine with:  
 Heads, see page 40  
 Contacts, see page 48



ZB5AVJ1

Complete light bodies (fixing collar and light block with integral LED)				
Screw clamp terminal connections (Schneider Electric anti-loosening system)				
Light source	Supply voltage V	Color of light source	Reference	Weight kg/lb
Integral LED  <b>Protected LED</b>	12 ~ (50 or 60 Hz)	White	<b>ZB5AVJ1</b>	0.022/0.049
		Green	<b>ZB5AVJ3</b>	0.022/0.049
		Red	<b>ZB5AVJ4</b>	0.022/0.049
		Orange	<b>ZB5AVJ5</b>	0.022/0.049
		Blue	<b>ZB5AVJ6</b>	0.022/0.049
	24 ~ (1) (50 or 60 Hz)	White	<b>ZB5AVB1</b>	0.022/0.049
		Green	<b>ZB5AVB3</b>	0.022/0.049
		Red	<b>ZB5AVB4</b>	0.022/0.049
		Orange	<b>ZB5AVB5</b>	0.022/0.049
		Blue	<b>ZB5AVB6</b>	0.022/0.049
	24...120 ~ (50 or 60 Hz)	White	<b>ZB5AVBG1</b>	0.022/0.049
		Green	<b>ZB5AVBG3</b>	0.022/0.049
		Red	<b>ZB5AVBG4</b>	0.022/0.049
		Orange	<b>ZB5AVBG5</b>	0.022/0.049
		Blue	<b>ZB5AVBG6</b>	0.022/0.049
110...120 ~ (1) (50 or 60 Hz)	White	<b>ZB5AVG1</b>	0.022/0.049	
	Green	<b>ZB5AVG3</b>	0.022/0.049	
	Red	<b>ZB5AVG4</b>	0.022/0.049	
	Orange	<b>ZB5AVG5</b>	0.022/0.049	
	Blue	<b>ZB5AVG6</b>	0.022/0.049	
230...240 ~ (1) (50 or 60 Hz)	White	<b>ZB5AVM1</b>	0.022/0.049	
	Green	<b>ZB5AVM3</b>	0.022/0.049	
	Red	<b>ZB5AVM4</b>	0.022/0.049	
	Orange	<b>ZB5AVM5</b>	0.022/0.049	
	Blue	<b>ZB5AVM6</b>	0.022/0.049	

(1) Complete bodies with Faston connector terminals (6.35 or 2 x 2.8/0.250 or 2 x 0.110 in.), see page 52.

To combine with:  
Heads, see page 40  
Contacts, see page 48

121467



ZB5AVB1156

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

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

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

Light source	Supply voltage V	Color of light source	Reference	Weight kg/lb
Integral LED <b>Protected LED</b>	24 $\sim$ (1) (50 or 60 Hz)	White	<b>ZB5AVB1156</b>	0.022/0.049
		Green	<b>ZB5AVB3156</b>	0.022/0.049
		Red	<b>ZB5AVB4156</b>	0.022/0.049
		Orange	<b>ZB5AVB5156</b>	0.022/0.049
		Blue	<b>ZB5AVB6156</b>	0.022/0.049

#### Complete bodies with flashing pilot light

(fixing collar and light block with integral LED)

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

Light source	Supply voltage V	Color of light source	Reference	Weight kg/lb
Integral LED <b>Protected LED</b>	24 $\sim$ (50 or 60 Hz)	White	<b>ZB5AV18B1</b>	0.022/0.049
		Green	<b>ZB5AV18B3</b>	0.022/0.049
		Red	<b>ZB5AV18B4</b>	0.022/0.049
		Orange	<b>ZB5AV18B5</b>	0.022/0.049
		Blue	<b>ZB5AV18B6</b>	0.022/0.049
	110...120 $\sim$ (50 or 60 Hz)	White	<b>ZB5AV18G1</b>	0.022/0.049
		Green	<b>ZB5AV18G3</b>	0.022/0.049
		Red	<b>ZB5AV18G4</b>	0.022/0.049
		Orange	<b>ZB5AV18G5</b>	0.022/0.049
		Blue	<b>ZB5AV18G6</b>	0.022/0.049
		230...240 $\sim$ (50 or 60 Hz)	White	<b>ZB5AV18M1</b>
	Green		<b>ZB5AV18M3</b>	0.022/0.049
	Red		<b>ZB5AV18M4</b>	0.022/0.049
	Orange		<b>ZB5AV18M5</b>	0.022/0.049
	Blue		<b>ZB5AV18M6</b>	0.022/0.049

(1) For a 120 or 230 V  $\sim$  supply, use complete body ZB5AVG● or ZB5AVM● with block for "test light" function type ZBZM156, see pages 49 and 56.

# Control and signaling units Ø 22

Harmony XB5, plastic

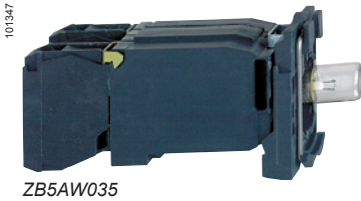
Body/contact assemblies and light blocks with

BA 9s base fitting

To combine with:  
Heads, see page 23  
Contacts, see page 48

Complete body/contact assemblies and light blocks <sup>(1)</sup>							
For bulb with BA 9s base fitting (incandescent, neon or LED)							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
Light source	Supply voltage V	Type of contact		Color of light source	Reference	Weight kg/lb	
		NO	NC				
<b>Direct supply</b>							
BA 9s base fitting bulb, 2.4 W max., not included <sup>(2)</sup>	≤ 250	1	–	–	<b>ZB5AW061</b>	0.031/0.068	
		–	1	–	<b>ZB5AW062</b>	0.031/0.068	
		2	–	–	<b>ZB5AW063</b>	0.041/0.090	
		1	1	–	<b>ZB5AW065</b>	0.041/0.090	
<b>Supply via integral transformer (1.2 VA, 6 V secondary)</b>							
Incandescent BA 9s base fitting bulb, included	110...120 ~ 50 or 60 Hz	1	–	–	<b>ZB5AW031</b>	0.110/0.243	
		1	1	–	<b>ZB5AW035</b>	0.119/0.262	
	230 ~ 50 Hz 220...240 ~ 60 Hz	1	–	–	<b>ZB5AW041</b>	0.110/0.243	
		1	1	–	<b>ZB5AW045</b>	0.119/0.262	
	400 ~ 50 Hz	1	–	–	<b>ZB5AW051</b>	0.110/0.243	
		1	1	–	<b>ZB5AW055</b>	0.119/0.262	
	BA9s base fitting LED, included	110...120 ~ 50 or 60 Hz	1	1	White	<b>ZB5AW03D15</b>	0.119/0.262
					Green	<b>ZB5AW03D35</b>	0.119/0.262
Red					<b>ZB5AW03D45</b>	0.119/0.262	
Orange					<b>ZB5AW03D55</b>	0.119/0.262	
Blue					<b>ZB5AW03D65</b>	0.119/0.262	
–					–	–	–
230 ~ 50 Hz 220...240 ~ 60 Hz		1	1	White	<b>ZB5AW04D15</b>	0.119/0.262	
				Green	<b>ZB5AW04D35</b>	0.119/0.262	
				Red	<b>ZB5AW04D45</b>	0.119/0.262	
				Orange	<b>ZB5AW04D55</b>	0.119/0.262	
				Blue	<b>ZB5AW04D65</b>	0.119/0.262	
				–	–	–	–
400 ~ 50 or 60 Hz		1	1	White	<b>ZB5AW05D15</b>	0.120/0.265	
				Green	<b>ZB5AW05D35</b>	0.120/0.265	
				Red	<b>ZB5AW05D45</b>	0.120/0.265	
				Orange	<b>ZB5AW05D55</b>	0.120/0.265	
				Blue	<b>ZB5AW05D65</b>	0.120/0.265	
				–	–	–	–
<b>Other versions</b>	Complete bodies with integral transformer incorporating Faston connector terminals (6.35 or 2 x 2.8/0.250 or 2 x 0.110 in.). Please contact our Customer Care Center.						

(1) Can be fitted with additional contact blocks, see page 48.  
(2) Bulb to be ordered separately, see page 72.





To combine with:  
 Heads, see page 41  
 Contacts, see page 48



ZB5AV6



ZB5AV3



ZB5AV156

#### Light blocks

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

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

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

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

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

Light source	Supply voltage V	Color of light source	Reference	Weight kg/lb
<b>Direct supply</b>				
BA 9s base fitting bulb, 2.4 W max, not included (1)	≤ 250	–	ZB5AV6	0.022/0.049

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

BA 9s base fitting incandescent bulb, included	110...120 ~ - 50 or 60 Hz	–	ZB5AV3	0.099/0.218
	230 ~ - 50 Hz	–	ZB5AV4	0.099/0.218
	220...240 ~ - 60 Hz	–	ZB5AV5	0.099/0.218
	400 ~ - 50 Hz	–	ZB5AV5	0.099/0.218
	440...480 ~ - 60 Hz	–	ZB5AV8	0.099/0.218
BA 9s base fitting LED, included	110...120 ~ - 50 or 60 Hz	White	ZB5AV3D1	0.102/0.225
		Green	ZB5AV3D3	0.102/0.225
		Red	ZB5AV3D4	0.102/0.225
		Orange	ZB5AV3D5	0.102/0.225
		Blue	ZB5AV3D6	0.102/0.225
		Blue	ZB5AV3D6	0.102/0.225
	230 ~ - 50 Hz 220...240 ~ - 60 Hz	White	ZB5AV4D1	0.102/0.225
		Green	ZB5AV4D3	0.102/0.225
		Red	ZB5AV4D4	0.102/0.225
		Orange	ZB5AV4D5	0.102/0.225
		Blue	ZB5AV4D6	0.102/0.225
		Blue	ZB5AV4D6	0.102/0.225
	400 ~ - 50 or 60 Hz	White	ZB5AV5D1	0.102/0.225
		Green	ZB5AV5D3	0.102/0.225
		Red	ZB5AV5D4	0.102/0.225
		Orange	ZB5AV5D5	0.102/0.225
		Blue	ZB5AV5D6	0.102/0.225
		Blue	ZB5AV5D6	0.102/0.225

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

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

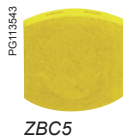
**Screw clamp terminal connections** (Schneider Electric anti-loosening system)

Light source	Supply voltage V	Reference	Weight kg/lb
<b>Direct supply</b>			
BA 9s base fitting bulb, 2.4 W max, not included (1)	≤ 250	ZB5AV156	0.021/0.046

**Other versions** Complete bodies with Faston connector terminals (6.35 or 2 x 2.8/0.250 or 2 x 0.110 in.), see page 52.

(1) Bulb to be ordered separately, see page 72.

Pushbutton caps, unmarked					
For use with	Type of push	Color	Sold in lots of	Unit reference	Weight kg/lb
<b>ZBABA0 and ZB5AA0 circular pushbutton heads supplied without cap</b>	Flush	White	10	<b>ZBA1</b>	0.001/0.002
		Black	10	<b>ZBA2</b>	0.001/0.002
		Green	10	<b>ZBA3</b>	0.001/0.002
		Red	10	<b>ZBA4</b>	0.001/0.002
		Yellow	10	<b>ZBA5</b>	0.001/0.002
		Blue	10	<b>ZBA6</b>	0.001/0.002
		6 colors (1)	1	<b>ZBA9</b>	0.006/0.013
	Projecting	White	10	<b>ZBL1</b>	0.001/0.002
		Black	10	<b>ZBL2</b>	0.001/0.002
		Green	10	<b>ZBL3</b>	0.001/0.002
		Red	10	<b>ZBL4</b>	0.001/0.002
		Yellow	10	<b>ZBL5</b>	0.001/0.002
		Blue	10	<b>ZBL6</b>	0.001/0.002
		6 colors (1)	1	<b>ZBL9</b>	0.006/0.013
<b>ZB5CA0 square pushbutton heads supplied without cap</b>	Flush	White	10	<b>ZBC1</b>	0.001/0.002
		Black	10	<b>ZBC2</b>	0.001/0.002
		Green	10	<b>ZBC3</b>	0.001/0.002
		Red	10	<b>ZBC4</b>	0.001/0.002
		Yellow	10	<b>ZBC5</b>	0.001/0.002
		Blue	10	<b>ZBC6</b>	0.001/0.002



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

## Control and signaling units Ø 22

Harmony XB5, plastic

Accessories for heads

Marked pushbutton caps

107348



ZBA333

Pushbutton caps, marked							
For use with	Type of push	Marking		Color of cap	Unit reference	Weight kg/lb	
		Text	Color				
<b>Plastic pushbuttons</b>							
ZBABA0 and ZB5AA0 circular pushbutton heads supplied without cap (sold in lots of 10)	Flush	I (1)	White	Green	ZBA331	0.001/0.002	
			Black	White	ZBA131	0.001/0.002	
		II	White	Green	ZBA336	0.001/0.002	
			Black	White	ZBA136	0.001/0.002	
		III	White	Green	ZBA337	0.001/0.002	
			Black	White	ZBA137	0.001/0.002	
		IV	White	Green	ZBA338	0.001/0.002	
			START (1)	White	Green	ZBA333	0.001/0.002
			Black	White	ZBA133	0.001/0.002	
			ON	White	Green	ZBA341	0.001/0.002
		Black		White	ZBA141	0.001/0.002	
		MARCHE	White	Green	ZBA342	0.001/0.002	
			Black	White	ZBA142	0.001/0.002	
		UP (1)	Black	White	ZBA343	0.001/0.002	
		DOWN (1)	White	Black	ZBA344	0.001/0.002	
		⊕ (1)	White	Black	ZBA245	0.001/0.002	
			Black	White	ZBA145	0.001/0.002	
		↑ (2)	White	Black	ZBA335	0.001/0.002	
			Black	White	ZBA334	0.001/0.002	
		O (1)	White		Red	ZBA432	0.001/0.002
					Black	ZBA232	0.001/0.002
		ARRET	White		Red	ZBA433	0.001/0.002
					Black	ZBA233	0.001/0.002
		STOP (1)	White		Red	ZBA434	0.001/0.002
					Black	ZBA234	0.001/0.002
		OFF	White		Red	ZBA435	0.001/0.002
					Black	ZBA235	0.001/0.002
		⚠ (1)	White		Green	ZBA346	0.001/0.002
					Blue	ZBA639	0.001/0.002
		+	White	Black	ZBA2934	0.001/0.002	
		-	White	Black	ZBA2935	0.001/0.002	

(1) Double injection moulded marking.

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

## Control and signaling units Ø 22

Harmony XB5, plastic

Accessories for heads

Boots

107380



ZBP0

## Transparent boots for pushbuttons (1)

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

## Colored boots

Description	Color	For use with	Sold in lots of	Unit reference	Weight kg/lb
Colored boots (can be replaced without dismantling the head)	White	ZB5AP1S	10	ZBP011	0.003/0.007
	Black	ZB5AP2S	10	ZBP012	0.003/0.007
	Green	ZB5AP3S	10	ZBP013	0.003/0.007
	Red	ZB5AP4S	10	ZBP014	0.003/0.007
	Yellow	ZB5AP5S	10	ZBP015	0.003/0.007
	Blue	ZB5AP6S	10	ZBP016	0.003/0.007
Clear membrane	Transparent	ZB5AP●83	10	ZBP017	0.003/0.007

(1) Boots for multiple-headed pushbuttons, see page 27.

(2) Permissible panel thickness 1 to 5 mm/0.039 to 0.179 in. cannot be used with legend holders.

PG113818



ZBV0153

Lens caps				
For use with	Color	Sold in lots of	Unit reference	Weight kg/lb
<b>Circular lens caps for light sources with integral LED</b>				
Pilot lights	White	10	ZBV0113	0.002/0.004
	Green	10	ZBV0133	0.002/0.004
	Red	10	ZBV0143	0.002/0.004
	Orange	10	ZBV0153	0.002/0.004
	Blue	10	ZBV0163	0.002/0.004
	5 different colored grooved lenses (1)	10	ZBV0103S	0.010/0.022
Illuminated pushbuttons with flush push	White	10	ZBW9113	0.002/0.004
	Green	10	ZBW9133	0.002/0.004
	Red	10	ZBW9143	0.002/0.004
	Orange	10	ZBW9153	0.002/0.004
	Blue	10	ZBW9163	0.002/0.004
Illuminated pushbuttons with projecting push	White	10	ZBW9313	0.002/0.004
	Green	10	ZBW9333	0.002/0.004
	Red	10	ZBW9343	0.002/0.004
	Orange	10	ZBW9353	0.002/0.004
	Blue	10	ZBW9363	0.002/0.004
<b>Square lens caps for plastic pushbuttons</b>				
Pilot lights	White	10	ZBCV0113	0.002/0.004
	Green	10	ZBCV0133	0.002/0.004
	Red	10	ZBCV0143	0.002/0.004
	Orange	10	ZBCV0153	0.002/0.004
	Blue	10	ZBCV0163	0.002/0.004
Illuminated pushbuttons with flush push	White	10	ZBCW9113	0.002/0.004
	Green	10	ZBCW9133	0.002/0.004
	Red	10	ZBCW9143	0.002/0.004
	Orange	10	ZBCW9153	0.002/0.004
	Blue	10	ZBCW9163	0.002/0.004
Illuminated pushbuttons with projecting push	White	10	ZBCW9313	0.002/0.004
	Green	10	ZBCW9333	0.002/0.004
	Red	10	ZBCW9343	0.002/0.004
	Orange	10	ZBCW9353	0.002/0.004
	Blue	10	ZBCW9363	0.002/0.004
<b>Circular lens caps for light sources with BA 9s fitting</b>				
Pilot lights	White	10	ZBV011	0.002/0.004
	Green	10	ZBV013	0.002/0.004
	Red	10	ZBV014	0.002/0.004
	Orange	10	ZBV015	0.002/0.004
	Blue	10	ZBV016	0.002/0.004
	Clear	10	ZBV017	0.002/0.004
	Clear	10	ZBV017	0.002/0.004
Illuminated pushbuttons with flush push	White	10	ZBW911	0.002/0.004
	Green	10	ZBW913	0.002/0.004
	Red	10	ZBW914	0.002/0.004
	Orange	10	ZBW915	0.002/0.004
	Blue	10	ZBW916	0.002/0.004
	Clear	10	ZBW917	0.002/0.004
Illuminated pushbuttons with projecting push	White	10	ZBW931	0.002/0.004
	Green	10	ZBW933	0.002/0.004
	Red	10	ZBW934	0.002/0.004
	Orange	10	ZBW935	0.002/0.004
	Blue	10	ZBW936	0.002/0.004
	Clear	10	ZBW937	0.002/0.004

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

PG113819



ZBV016

# Control and signaling units Ø 22

Harmony XB5, plastic

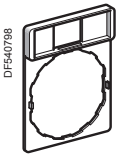
8 x 27 mm legends with 30 x 40 mm legend holders



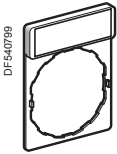
ZBZ34



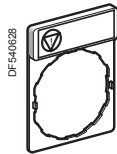
ZBYH101



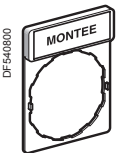
ZBZ32



ZBY101



ZBY4140



ZBY2107

### 30 x 40 mm legend holders (flush mounting with bezel) for 8 x 27 mm legends (1)

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

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

Description	Legend		Sold in lots of	Unit reference	Weight kg/lb		
	Color	Marking					
Without legend	–	–	10	ZBZ32	0.001/0.002		
With blank legend (for engraving)	Black or red	–	10	ZBY2101	0.002/0.004		
	White or yellow	–	10	ZBY4101	0.002/0.004		
With 8 x 27 mm /0.315 x 1.063 in. legend (with International marking) (2)	Black or red	O (black background)	10	ZBY2146	0.002/0.004		
		O (red background)	10	ZBY2931	0.002/0.004		
		I	10	ZBY2147	0.002/0.004		
		II	10	ZBY2148	0.002/0.004		
		O-I	10	ZBY2178	0.002/0.004		
		I-II	10	ZBY2179	0.002/0.004		
		I-O-II	10	ZBY2186	0.002/0.004		
		AUTO	10	ZBY2115	0.002/0.004		
		STOP	10	ZBY2304	0.002/0.004		
		Yellow	⚠	10	ZBY4140 (3)	0.002/0.004	
		With 8 x 27 mm /0.315 x 1.063 in. legend (with French language marking) (2)	Black or red	ARRET (red background)	10	ZBY2104	0.002/0.004
				ARRET (black background)	10	ZBY0104	0.002/0.004
				ARRET GENERAL	10	ZBY2129	0.002/0.004
				ARRET REARMEMENT	10	ZBY2133	0.002/0.004
				ARRET-MARCHE	10	ZBY2166	0.002/0.004
				ARRIERE	10	ZBY2106	0.002/0.004
				AUTO CYCLE-CYCLE	10	ZBY2198	0.002/0.004
AUTO CYCLE-MAIN	10			ZBY2199	0.002/0.004		
AUTO-MAIN	10			ZBY2164	0.002/0.004		
AUTO-O-MAIN	10			ZBY2185	0.002/0.004		
AVANT	10			ZBY2105	0.002/0.004		
AVANT-O-ARRIERE	10			ZBY2184	0.002/0.004		
C-P-C-NORMAL	10			ZBY2165	0.002/0.004		
CYCLE-MAIN	10			ZBY2197	0.002/0.004		
DECLENCHEMENT	10			ZBY2132	0.002/0.004		
DEFAUT (black background)	10			ZBY2134	0.002/0.004		
DEFAUT (red background)	10			ZBY2135	0.002/0.004		
DEPART CYCLE	10			ZBY2195	0.002/0.004		
DESCENTE	10			ZBY2108	0.002/0.004		
DROITE	10			ZBY2109	0.002/0.004		
ENCLENCHEMENT	10			ZBY2131	0.002/0.004		
EN SERVICE	10			ZBY2111	0.002/0.004		
FERMETURE	10			ZBY2114	0.002/0.004		
GAUCHE	10			ZBY2110	0.002/0.004		
HORS SERVICE	10			ZBY2112	0.002/0.004		
HORS-EN	10			ZBY2167	0.002/0.004		
LENT	10			ZBY2127	0.002/0.004		
MAIN	10	ZBY2116	0.002/0.004				
MARCHE	10	ZBY2103	0.002/0.004				
MONTEE	10	ZBY2107	0.002/0.004				
OUVERTURE	10	ZBY2113	0.002/0.004				
PHASE/PHASE	10	ZBY2196	0.002/0.004				
REARMEMENT (red background)	10	ZBY2123	0.002/0.004				
REARMEMENT (black background)	10	ZBY0123	0.002/0.004				
SOUS TENSION	10	ZBY2126	0.002/0.004				
VITE	10	ZBY2128	0.002/0.004				
Red	ARRET D'URGENCE	10	ZBY2130 (3)	0.002/0.004			

(1) For legends, see pages 66 to 68.

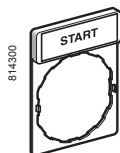
(2) "Start" functions: white letters on black background. "Stop" functions: white letters on red background (unless otherwise specified above).

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

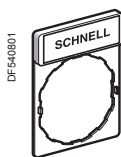
# Control and signaling units Ø 22

## Harmony XB5, plastic

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



ZBY2303



ZBY2228


Standard 30 x 40 mm legend holders with 8 x 27 mm legends (continued)							
Description	Legend		Sold in lots of	Reference	Weight kg/lb		
	Color	Marking					
<b>With legend</b> (with English language marking)	Black or red background (1)	AUTO-HAND	10	ZBY2364	0.002/0.004		
		AUTO-O-HAND	10	ZBY2385	0.002/0.004		
		CLOSE	10	ZBY2314	0.002/0.004		
		DOWN	10	ZBY2308	0.002/0.004		
		FAST	10	ZBY2328	0.002/0.004		
		FORWARD	10	ZBY2305	0.002/0.004		
		HAND	10	ZBY2316	0.002/0.004		
		HAND-OFF-AUTO	10	ZBY2387	0.002/0.004		
		INCH	10	ZBY2321	0.002/0.004		
		LEFT	10	ZBY2310	0.002/0.004		
		OFF	10	ZBY2312	0.002/0.004		
		OFF-ON	10	ZBY2367	0.002/0.004		
		ON	10	ZBY2311	0.002/0.004		
		OPEN	10	ZBY2313	0.002/0.004		
		POWER ON	10	ZBY2326	0.002/0.004		
		RESET (red background)	10	ZBY2323	0.002/0.004		
		RESET (black background)	10	ZBY2322	0.002/0.004		
		REVERSE	10	ZBY2306	0.002/0.004		
		RIGHT	10	ZBY2309	0.002/0.004		
		RUN	10	ZBY2334	0.002/0.004		
		SLOW	10	ZBY2327	0.002/0.004		
		START	10	ZBY2303	0.002/0.004		
		STOP-START	10	ZBY2366	0.002/0.004		
		UP	10	ZBY2307	0.002/0.004		
			Red background	EMERGENCY STOP	10	ZBY2330 (2)	0.002/0.004
		<b>With legend</b> (with German language marking)	Black or red background (1)	AB	10	ZBY2208	0.002/0.004
AUF	10			ZBY2207	0.002/0.004		
AUS	10			ZBY2204	0.002/0.004		
AUS-EIN	10			ZBY2266	0.002/0.004		
AUS-IN BETRIEB	10			ZBY2267	0.002/0.004		
AUS-RÜCKSTELLUNG	10			ZBY2233	0.002/0.004		
AUSSCHALTEN	10			ZBY2232	0.002/0.004		
AUTO-HAND	10			ZBY2364	0.002/0.004		
AUTO-O-HAND	10			ZBY2385	0.002/0.004		
AUTOZYKL-HAND	10			ZBY2299	0.002/0.004		
AUTOZYKL- 1 ZYKL	10			ZBY2298	0.002/0.004		
C-P-C-NORMAL	10			ZBY2265	0.002/0.004		
EIN	10			ZBY2203	0.002/0.004		
EINSCHALTEN	10			ZBY2231	0.002/0.004		
HAND	10			ZBY2316	0.002/0.004		
LANGSAM	10			ZBY2227	0.002/0.004		
LINKS	10			ZBY2210	0.002/0.004		
NOT-AUS (red background)	10			ZBY2230	0.002/0.004		
ÖFFNEN	10			ZBY2213	0.002/0.004		
RECHTS	10			ZBY2209	0.002/0.004		
RÜCKSTELLUNG	10			ZBY2223	0.002/0.004		
SCHLIESSEN	10			ZBY2214	0.002/0.004		
SCHNELL	10			ZBY2228	0.002/0.004		
SPANNUNG EIN	10			ZBY2226	0.002/0.004		
STEUERUNG AUS	10			ZBY2212	0.002/0.004		
STEUERUNG EIN	10			ZBY2211	0.002/0.004		
STÖRUNG (black background)	10			ZBY2234	0.002/0.004		
STÖRUNG (red background)	10			ZBY2235	0.002/0.004		
VOR	10			ZBY2205	0.002/0.004		
VOR-O-ZURÜCK	10			ZBY2284	0.002/0.004		
ZURÜCK	10			ZBY2206	0.002/0.004		
ZYKLUS-HAND	10			ZBY2297	0.002/0.004		
ZYKLUSSTART	10	ZBY2295	0.002/0.004				
	Red background	NOT-HALT	10	ZBY2229 (2)	0.002/0.004		
	Yellow background	NOT-HALT	10	ZBY22420001 (2)	0.002/0.004		

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

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



## 8 x 27 mm marked legends for 30 x 40 mm legend holders ZBZ32 and ZBZ34

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

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

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

DG121137



ZBY02931

DF540629



ZBY0140

DG121117



ZBY02104

# Control and signaling units Ø 22

## Harmony XB5, plastic

### Legends 8 x 27 mm

#### 8 x 27 mm marked legends for 30 x 40 mm legend holders ZBZ32 and ZBZ34 (continued)

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

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

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

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

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

DG121279

START

ZBY02303

DG121284

SCHNELL

ZBY02228

814309

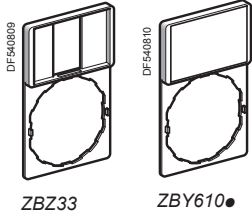
ZBY4100

# Control and signaling units Ø 22

Harmony XB5, plastic

Legend holders for 18 x 27 mm legends

18 x 27 mm legends for engraving or printing



ZBZ33

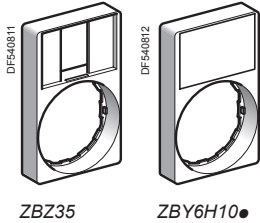
ZBY610●

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

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

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

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

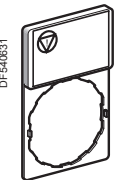


ZBZ35

ZBY6H10●

### 18 x 27 mm legends for engraving for 30 x 50 mm legend holders

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



ZBY6140

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

Description	For use with	Sold in lots of	Unit reference	Weight kg/lb
Sheet of 40 18 x 27 mm / 0.709 x 1.063 in. legends	30 x 50 mm / 1.181 x 1.968 in. legend holder ZBZ33 and ZBZ35	10	ZBY5100	0.044/0.097

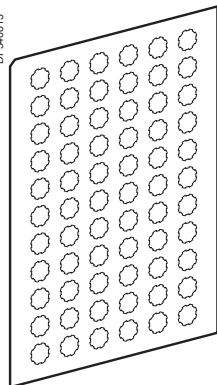
(1) For complying with EN/ISO 13850 standard, paragraph 4.4.6., Emergency Stop function logo  has been added.

## Control and signaling units Ø 22

Harmony XB5, plastic

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

DF540813



ZBY1101

## Legends for XB5A pushbuttons, illuminated pushbuttons and pilot lights

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

## Circular yellow legends for mushroom head pushbuttons

Used for “Emergency stop” function (1)

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

Used for “Emergency switching off” function

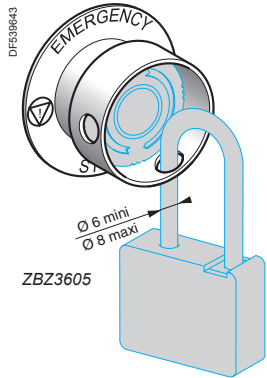
60/2.362	EN/IEC 60204-1	–	10	ZBY9101	0.004/0.009
		COUPURE D'URGENCE	10	ZBY9160	0.004/0.009
		EMERGENCY SWITCHING OFF	10	ZBY9360	0.004/0.009
		NOT-AUS	10	ZBY9260	0.004/0.009
		DESCONEXION DE EMERGENCIA	10	ZBY9460	0.004/0.009
		INTERRUZIONE DI EMERGENZA	10	ZBY9660	0.004/0.009
90/3.543	EN/IEC 60204-1	–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

PFI40234



ZBY9360

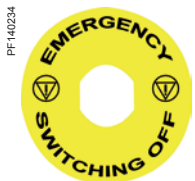
(1) For complying with EN/ISO 13850 standard, paragraph 4.4.6., Emergency Stop function logo  has been added.



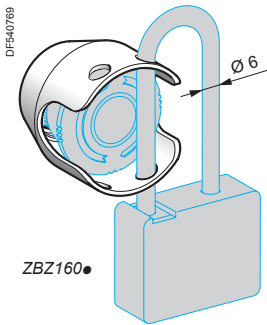
ZBZ3605



ZBY9330T



ZBY9360T



ZBZ160



ZB4BZ64



ZBZ58

### Accessories for mushroom head pushbuttons

Description	Exclusive use with the following Ø 40/1.575 in. trigger action pushbuttons	Color	Reference	Weight kg/lb
<b>Padlocking kit (1) (2)</b> for Emergency stop (3) and Emergency switching off function (4), (padlockable)	XB5AS844● XB5AS944● ZB5AS844 ZB5AS944●	Yellow	<b>ZBZ3605</b>	0.045/0.099
<b>Metal guards</b> for Emergency stop (3) function Padlockable (2)	XB5AT8● XB5AS8● XB5AS9● ZB5AT8● ZB5AS8● ZB5AS9●	Chromium plated	<b>ZBZ1600</b>	0.046/0.101
		Black	<b>ZBZ1602</b>	0.046/0.101
		Red	<b>ZBZ1604</b>	0.046/0.101
		Blue	<b>ZBZ1606</b>	0.046/0.101

Description	Marking	Color	Reference	Weight kg/lb
<b>Ø 60 mm/2.363 in. legend for padlocking device ZBZ3605</b> for Emergency stop function (3)	-	Yellow	<b>ZBY9140T</b>	0.004/0.009
	ARRET D'URGENCE	Yellow	<b>ZBY9130T</b>	0.004/0.009
	EMERGENCY STOP	Yellow	<b>ZBY9330T</b>	0.004/0.009
	NOT-HALT	Yellow	<b>ZBY9230T</b>	0.004/0.009
<b>Ø 60 mm/2.363 in. legend for padlocking device ZBZ3605</b> for Emergency switching off function (4)	-	Yellow	<b>ZBY9101T</b>	0.004/0.009
	COUPURE D'URGENCE	Yellow	<b>ZBY9160T</b>	0.004/0.009
	EMERGENCY SWITCHING OFF	Yellow	<b>ZBY9360T</b>	0.004/0.009
	NOT-AUS	Yellow	<b>ZBY9260T</b>	0.004/0.009
<b>Ø 60 mm/2.363 in. circular legend</b> compatible with Emergency stop	-	Yellow	<b>ZBY9121</b>	0.007/0.015
	EMERGENCY STOP	Yellow	<b>ZBY9320</b>	0.007/0.015
	ARRET D'URGENCE	Yellow	<b>ZBY9120</b>	0.007/0.015
	NOT-HALT	Yellow	<b>ZBY9220</b>	0.007/0.015
	PARADA DE EMERGENCIA	Yellow	<b>ZBY9420</b>	0.007/0.015
	ARRESTO DI EMERGENZA	Yellow	<b>ZBY9620</b>	0.007/0.015

### Other accessories

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

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

(1) Standard circular legends are not compatible with this product. Use special legends **ZBY9●●●T**.  
 (2) No isolation function is possible when this guard is fitted.  
 (3) For conformity with standards EN/IEC 60204-1 and EN/ISO 13850.  
 (4) For conformity with standard EN/IEC 60204-1.  
 (5) Only when mounted on control stations. Use legends **ZBY9●●●T**.

## Control and signaling units Ø 22

Harmony XB5, plastic

Accessories for pushbuttons



ZB5SZ3



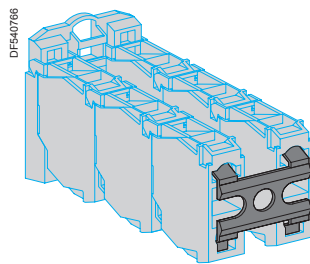
ZB4BZ007



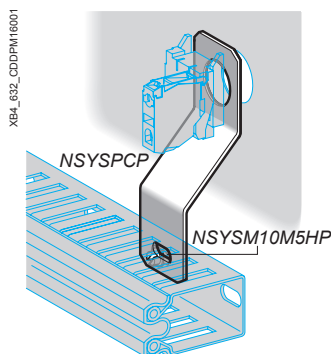
ZBSP2



ZB5AZ026



ZBZ007

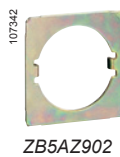
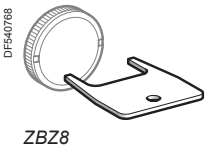
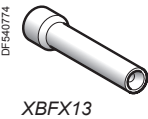


## Other accessories (continued)

Description	For use with	Color	Sold in lots of	Unit reference	Weight kg/lb
Plastic blanking plug (with fixing nut)	Circular shape Ø 22 mm/0.866 in. control and signaling units	Black	10	ZB5SZ3	0.009/0.020
	Square shape Ø 22 mm/0.866 in. control and signaling units	Black	10	ZB5SZ5	0.009/0.020
Liquid spray protective washer to be fitted under the head	Ø 22 mm/0.866 in. control and signaling units	Chromium plated	50	ZB4BZ007	0.010/0.022
		Black	50	ZB4BZ0077	0.010/0.022
Plastic protection cover IP65/IP67	Ø 22 mm/0.866 in. USB and RJ45 ports	Black	10	ZBSP1	0.002/0.004
Rigid plastic protection cover IP65/IP67	Ø 22 mm/0.866 in. USB and RJ45 ports	Transparent	1	ZBSP2	0.006/0.013
Metal protection cover IP65/IP67/IP69K	Ø 22 mm/0.866 in. USB and RJ45 ports	Silver	1	ZBSP3	0.010/0.022
Ø 30 mm/1.181 in. Plastic flush mounting kit	for pushbuttons and pilot lights	Black	1	ZB5AZ021	0.006/0.013
	for selector switches and illuminated pushbuttons	Black	1	ZB5AZ022	0.007/0.015
Ø 30 mm/1.181 in. Plastic flush mounting kit with 1 line legend	for pushbuttons and pilot lights	Black	1	ZB5AZ023	0.007/0.015
	for selector switches and illuminated pushbuttons	Black	1	ZB5AZ024	0.008/0.018
Ø 30 mm/1.181 in. Plastic flush mounting kit with 2 lines legend	for pushbuttons and pilot lights	Black	1	ZB5AZ025	0.007/0.015
	for selector switches and illuminated pushbuttons	Black	1	ZB5AZ026	0.009/0.020
Plastic clips	2 or 3 levels of contact blocks ZBE10● in high vibration environment	–	10	ZBZ007	–
Dummy contact block	Contact blocks ZBE10● and transformer blocks ZBV5B	–	5	ZBE000	–
Set of tabs for Faston connection	Contact blocks ZBE10● and light blocks ZBV●	–	10	ZBZ003	–
Description	Application		Sold in lots of	Unit reference	Weight kg/lb
Cable ducting support	Attached beneath head		10	NSYSPCP	0.030/0.066
M5 x 10 screw, with hexagonal slotted head	For attaching cable ducting		100	NSYSM10M5HP	0.003/0.066
Support	Pushbuttons, switches and pilot lights		1	DX1AP52	0.160/0.353
Boot for contact block ZBE10● and ZBE10●3 (1)	For protection against dusty environment		1	ZBZ60	0.098/0.216

(1) Restriction on use: Refer to the product instruction sheet on the Schneider Electric website, Harmony XB5 page.





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

##### Illuminated pushbuttons

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

Description	Application	Color	Sold in lots of	Unit reference	Weight kg/lb
Add-on square trim	Gives a square appearance to ZB5A circular heads	Black	10	ZB5AZ31	0.002/0.004
		Green	10	ZB5AZ1715626002	0.002/0.004
		Red	10	ZB5AZ1715626001	0.002/0.004
		Blue	10	ZB5AZ1715626003	0.002/0.004
Nut	Fixing ZB5A head	-	10	ZB5AZ901	0.002/0.004
Bezel tool	Tightening head fixing nut ZB5AZ901	-	1	ZB5AZ905	0.016/0.035
Anti-rotation plate	Selector switches and Emergency stop pusbuttons heads ZB5A	-	10	ZB5AZ902	0.008/0.018





ZBG455



ZBDLU1



ZBG455P



ZBGP



ZBDD2

## Replacement keys

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

## For booted selector switches

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

## Accessory for key switches (2)

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

## Boot for standard handle

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

(1) Key number to be added when ordering.

(2) Not compatible with products with key TEC10.

<b>A</b>							
APE1C2150	53	XB5AD912R1K	44	XB5AV41	42	XB5DTB25	45
APE1C2250	53	XB5AD912R4K7	44	XB5AV43	42	XB5DTGM2	45
APE1PRE21	53	XB5AD912R10K	44	XB5AV44	42	XB5DTGM3	45
		XB5AD912R47K	44	XB5AV45	42	XB5DTGM4	45
		XB5AD912R100K	44	XB5AV61	42	XB5DTGM5	45
<b>D</b>		XB5AD912R470K	44	XB5AV63	42	XB5EV57K4	43
DL1CB006	72	XB5AG03	36	XB5AV64	42	XB5EV57L4	43
DL1CD0061	72	XB5AG21	36	XB5AV65	42	XB5EVB1	40
DL1CD0063	72	XB5AG33	36	XB5AVB1	40	XB5EVB3	40
DL1CD0064	72	XB5AG41	36	XB5AVB3	40	XB5EVB4	40
DL1CD0065	72	XB5AG61	36	XB5AVB4	40	XB5EVB5	40
DL1CD0066	72	XB5AJ21	35	XB5AVB5	40	XB5EVB6	40
DL1CE024	72	XB5AJ33	35	XB5AVB6	40	XB5EVB8	40
DL1CE130	72	XB5AJ53	35	XB5AVG1	40	XB5EVG1	40
DL1CF110	72	XB5AK123B5	38	XB5AVG3	40	XB5EVG3	40
DL1CF220	72	XB5AK123G5	38	XB5AVG4	40	XB5EVG4	40
DL1CJ0241	72	XB5AK123M5	38	XB5AVG5	40	XB5EVG5	40
DL1CJ0243	72	XB5AK124B5	38	XB5AVG6	40	XB5EVG6	40
DL1CJ0244	72	XB5AK124G5	38	XB5AVM1	40	XB5EVG8	40
DL1CJ0245	72	XB5AK124M5	38	XB5AVM3	40	XB5EVM1	40
DL1CJ0246	72	XB5AK125B5	38	XB5AVM4	40	XB5EVM3	40
DL1CJ0483	72	XB5AK125G5	38	XB5AVM5	40	XB5EVM4	40
DL1CJ0484	72	XB5AK125M5	38	XB5AVM6	40	XB5EVM5	40
DL1CJ0485	72	XB5AK133B5	38	XB5AW31B5	21	XB5EVM6	40
DX1AP52	71	XB5AK133G5	38	XB5AW31G5	21	XB5EVM8	40
		XB5AK133M5	38	XB5AW31M5	21	XB5KSB	45
<b>N</b>		XB5AK134B5	38	XB5AW33B5	21	XB5KSG	45
NSYSM10M5HP	71	XB5AK134G5	38	XB5AW33G5	21	XB5KSM	45
NSYSPCP	71	XB5AK134M5	38	XB5AW33M5	21	XB5PRJ45	45
		XB5AK135B5	38	XB5AW34B5	21	XB5PUSB3	45
		XB5AK135G5	38	XB5AW34G5	21	XBFX13	72
		XB5AK135M5	38	XB5AW34M5	21	XD5PA12	46
		XB5AL42	18	XB5AW35B5	21	XD5PA14	46
		XB5AL4322	20	XB5AW35G5	21	XD5PA22	46
		XB5AL73415	26	XB5AW35M5	21	XD5PA24	46
		XB5AL84101	44	XB5AW36B5	21	<b>Z</b>	
		XB5AL84201	44	XB5AW36G5	21	ZB2BE101	48
		XB5AP21	19	XB5AW36M5	21	ZB2BE102	48
		XB5AP31	19	XB5AW3135	24	ZB4BZ007	71
		XB5AP42	19	XB5AW3145	24	ZB4BZ62	70
		XB5AP51	19	XB5AW3165	24	ZB4BZ64	70
		XB5AP61	19	XB5AW3335	24	ZB4BZ65	70
		XB5AS8442	30	XB5AW3345	24	ZB4BZ66	70
		XB5AS8444	30	XB5AW3365	24	ZB4BZ0077	71
		XB5AS8445	30	XB5AW3435	24	ZB4BZ106	48
		XB5AS9442	30	XB5AW3445	24	ZB4BZ107	48
		XB5AS9445	30	XB5AW3465	24	ZB5AA0	16
		XB5AS84449	31	XB5AW3535	24	ZB5AA1	16
		XB5AS86449B4	31	XB5AW3545	24	ZB5AA2	16
		XB5AT842	30	XB5AW3565	24	ZB5AA3	16
		XB5AT845	30	XB5AW73731B5	26	ZB5AA4	16
		XB5AV5B1	42	XB5AW73731G5	26	ZB5AA5	16
		XB5AV5B3	42	XB5AW73731M5	26	ZB5AA6	16
		XB5AV5B4	42	XB5DSB	45	ZB5AA8	16
		XB5AV5B5	42	XB5DSG	45	ZB5AA9	16
		XB5AV5B6	42	XB5DSM	45	ZB5AA14	16
		XB5AV31	42	XB5DT1S	45	ZB5AA16	17
		XB5AV33	42	XB5DTB22	45	ZB5AA18	16
		XB5AV34	42	XB5DTB23	45	ZB5AA24	16
		XB5AV35	42	XB5DTB24	45		
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						ZB5AA34	16
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						ZB5AA64	16
						ZB5AA66	17
						ZB5AA68	16
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						ZB5AC3	28
						ZB5AC4	28
						ZB5AC5	28
						ZB5AC6	28

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ZB5AD3	34	ZB5AG7	36	ZB5AK1533	39	ZB5AR2	28	ZB5AV06S	42
ZB5AD4	34	ZB5AG07D	37	ZB5AK1543	39	ZB5AR3	28	ZB5AV07	42
ZB5AD5	34	ZB5AG7D	37	ZB5AK1553	39	ZB5AR4	28	ZB5AV07S	42
ZB5AD7	34	ZB5AG8	36	ZB5AK1563	39	ZB5AR5	28	ZB5AV8	59
ZB5AD8	34	ZB5AG08	36	ZB5AK1583	39	ZB5AR6	28	ZB5AV9	59
ZB5AD28	37	ZB5AG8D	37	ZB5AK1713	39	ZB5AR216	28	ZB5AV013	41
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ZB5AF351	33	ZB5AH4	32	ZB5AL3	18	ZB5AS844	30	ZB5AV18M3	57
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ZB5AFDE08	33	ZB5AH53	32	ZB5AL7340	26	ZB5AV01	42	ZB5AV053S	41
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ZB5AFDE11	33	ZB5AH083	32	ZB5AP1S	19	ZB5AV03	42	ZB5AV063S	41
ZB5AFDE12	33	ZB5AH83	32		62	ZB5AV3	59	ZB5AV083	41
ZB5AFDE13	33	ZB5AJ2	35	ZB5AP2	19	ZB5AV3D1	59	ZB5AV083E	41
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ZB5AG1	36	ZB5AJ8	35		62	ZB5AV03S	42	ZB5AVB4	56
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ZB5AG2	36	ZB5AK1233	39	ZB5AP4S	19	ZB5AV4	59	ZB5AVB6	56
ZB5AG02	36	ZB5AK1243	39		62	ZB5AV4D1	59	ZB5AVB1156	57
ZB5AG2D	37	ZB5AK1253	39	ZB5AP5	19	ZB5AV4D3	59	ZB5AVB3156	57
ZB5AG02D	37	ZB5AK1263	39	ZB5AP5S	19	ZB5AV4D4	59	ZB5AVB4156	57
ZB5AG3	36	ZB5AK1283	39		62	ZB5AV4D5	59	ZB5AVB5156	57
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ZB5AG03D	37	ZB5AK1333	39	ZB5AP6S	19	ZB5AV04S	42	ZB5AVBG1	56
ZB5AG4	36	ZB5AK1353	39		62	ZB5AV05	42	ZB5AVBG3	56
ZB5AG4D	37	ZB5AK1363	39	ZB5AP18	19	ZB5AV5	59	ZB5AVBG4	56
ZB5AG04D	37	ZB5AK1383	39	ZB5AP38	19	ZB5AV5D1	59	ZB5AVBG5	56
ZB5AG5	36	ZB5AK1413	39	ZB5AP48	19	ZB5AV5D3	59	ZB5AVBG6	56
				ZB5AP58	19				
				ZB5AP68	19				

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ZB5AVG4	56	ZB5AW0M32	55	ZB5AW35S	24		51	ZB5CH05	32
ZB5AVG5	56	ZB5AW0M33	55	ZB5AW36	24		53	ZB5CH06	32
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ZB5AVM1	56	ZB5AW0M52	55	ZB5AW055	58	ZB5AZ031	72	ZB5CL2	18
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ZB5AVM6	56	ZB5AW0M62	55	ZB5AW065	58	ZB5AZ103	48	ZB5CL6	18
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	39	ZB5AW05D45	58	ZB5AW333	22	ZB5AZ1035	50	ZB5CW343	22
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ZB5AW0M13	55					ZB5CH02	32	ZBA233	61

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ZBA235	61	ZBDLU1	73	ZBG458AP	73	ZBV0143	63	ZBVM34	53
ZBA245	61	ZBDLU2	73	ZBG520E	73	ZBV0153	63	ZBVM35	50
ZBA331	61	ZBDLU3	73	ZBG520EP	73	ZBV0163	63	ZBVM44	53
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