



Harmony XB5 plastic

Control and signaling units



Harmony

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Advanced operator interface and industrial relays

Harmony operator interface and industrial relays enhance operational efficiency and equipment availability across industrial and building applications. **Harmony** includes intelligent connected products and edge terminals that visualize, gather and process data, enabling informed operator decisions

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- [Harmony](#) HMI Operator Terminals, IPC and EdgeBox
- [Harmony](#) Signaling Devices
- [Harmony](#) Electrical Relays
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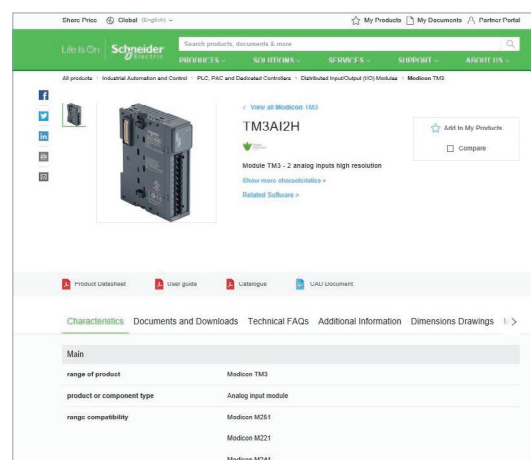
References

Modicon TM3

I/O expansion modules for Modicon controllers

Analog I/O modules

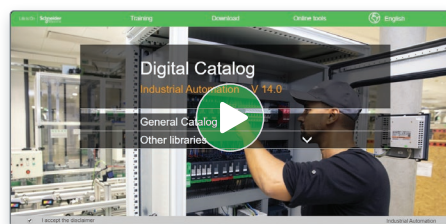
References							
Modicon TM3 analog input modules							
	Number and type of channels	Input range	Output range	Resolution	Input terminal interval (mm x)	Reference	Weight (kg)
TM3A201 TM3A202 TM3A203	2 voltage/current inputs	-15...+15 VDC 0...+10 VDC 0...20 mA A, 20 mA	—	16 000 10 000 + sign 0 000 02	0.001 0.002 0.002	TM3A201 TM3A202 TM3A203	0.150 0.254 0.254
	4 voltage/current inputs	-15...+15 VDC 0...+10 VDC 0...20 mA A, 20 mA	—	12 000 11 000 + sign 0 000 02	0.001 0.002 0.002	TM3A401 TM3A402 TM3A403	0.150 0.243 0.243
	4 voltage/current or temperature inputs (T)	Thermocouples (T) J, K, R, S, E, T, N, B, C Temperature inputs (PT100, PT1000, RTD, ITC, ITC1000) 0...+15 VDC 0...20 mA A, 20 mA	—	16 000 10 000 + sign 0 000 02	0.001 0.002 0.002	TM3A401 TM3A402 TM3A403	0.150 0.243 0.243
TM3A401 TM3A402 TM3A403	4 differential temperature inputs	Thermocouples (J, K, R, S, E, T, N, B, C) 0...+15 VDC 0...20 mA A, 20 mA	—	16 000 10 000 + sign 0 000 02	0.001 0.002 0.002	TM3A401 TM3A402 TM3A403	0.150 0.243 0.243



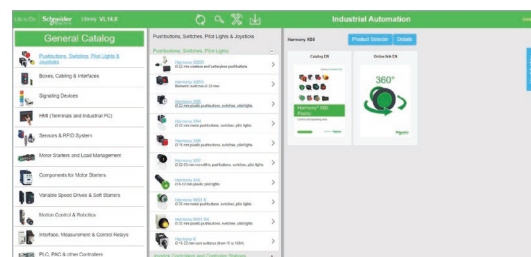
Each commercial reference presented in a catalog contains a hyperlink. Click on it to obtain the technical information of the product:

- Characteristics, Dimensions and drawings, Mounting and clearance, Connections and schemas, Performance curves
- Product image, Instruction sheet, User guide, Product certifications, End of life manual

Find your catalog



- > With just 3 clicks, you can access the Industrial Automation and Control catalogs, in both English and French
- > Consult digital automation catalogs at [Digi-Cat Online](#)

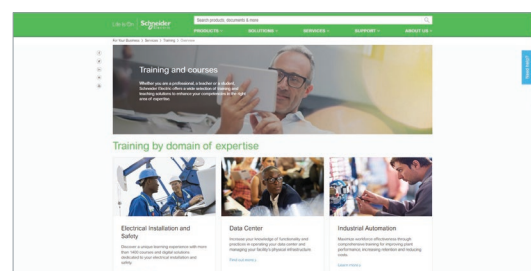


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Control and signaling units

Pushbuttons, switches, and pilot lights



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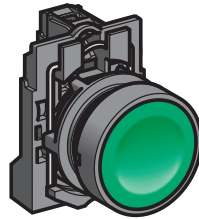
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Control and signaling units

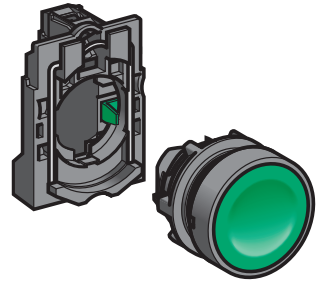
Harmony XB5 plastic

Pushbuttons, switches, and pilot lights

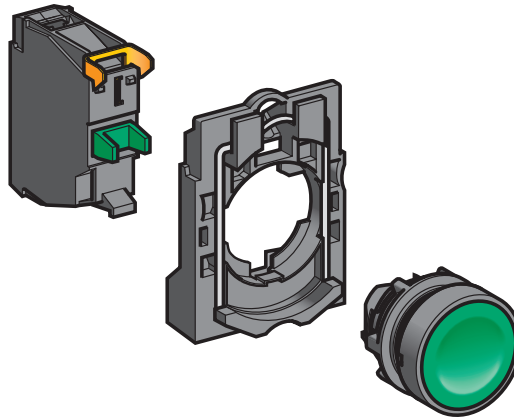
The Harmony XB5 range of plastic pushbuttons, switches, and pilot lights offers a combination of easy installation, flexibility, and robustness to address the majority of industrial applications. It provides one of the most comprehensive product ranges on the market.



Complete unit for repeat orders XB5AA31



Sub-assembly (for additional flexibility) ZB5AZ101 + ZB5AA3



Basic elements (for optimum flexibility) ZBE101 + ZB5AZ009 + ZB5AA3

A single provider

Our team of experts understands the needs of our customers in terms of their processes and applications. The Harmony ranges are available globally wherever you need them.



A global network of partners you can rely on to support customized end-to-end solutions

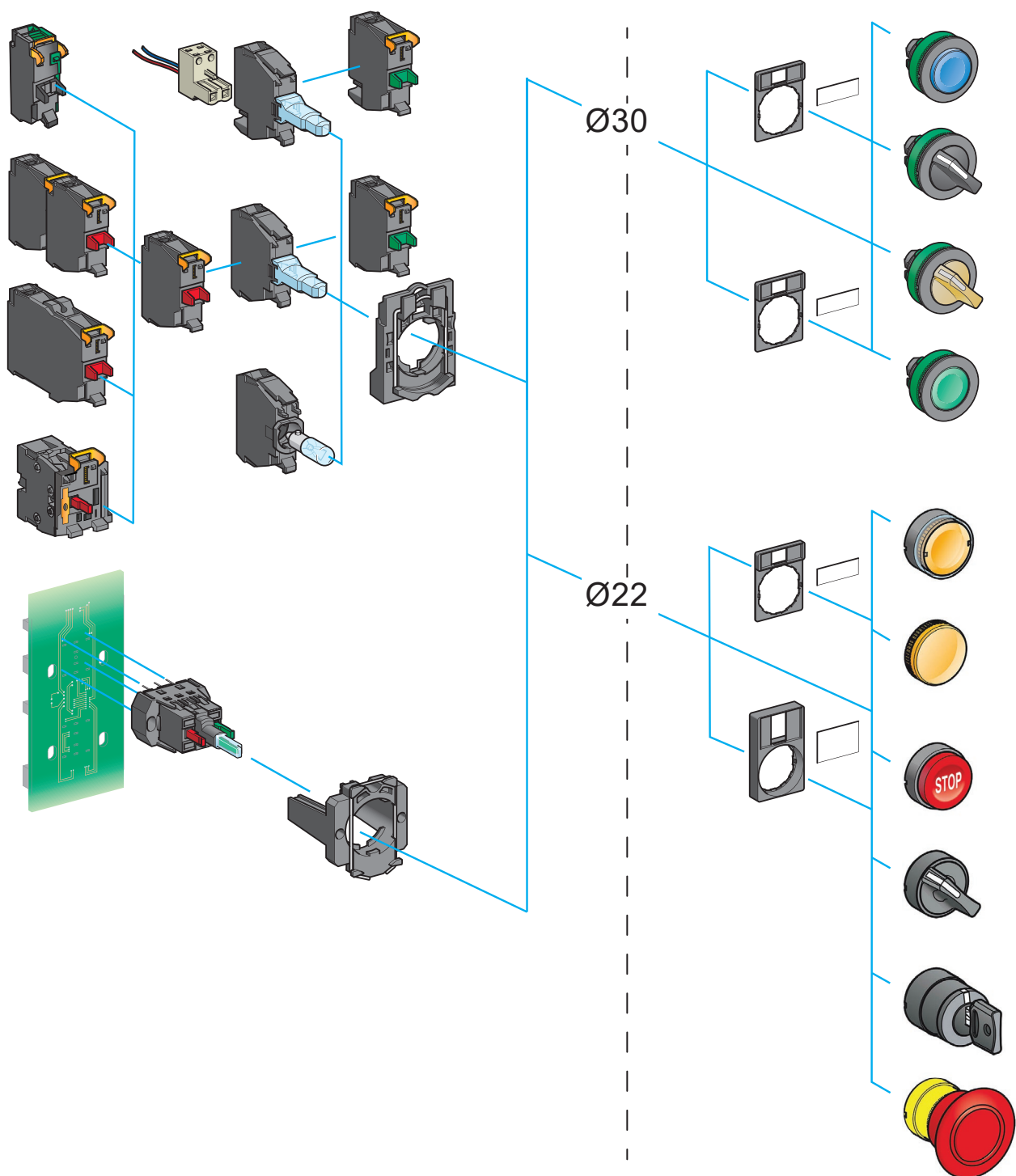
The confidence of a market leader

- > More than 50 years' experience designing switches, pushbuttons, and pilot lights
- > A global network of partners and distributors you know and trust
- > Worldwide product availability with over 17,000 points of sale in more than 100 countries

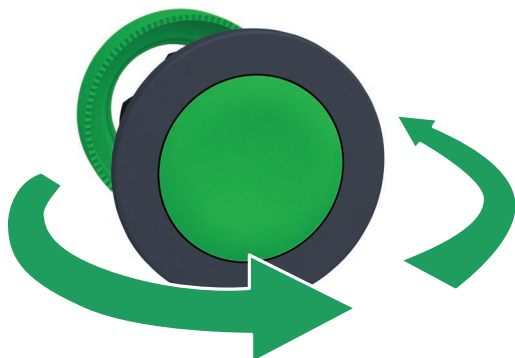
Control and signaling units

Harmony XB5 plastic

Pushbuttons, switches, and pilot lights



360°



360° view
Click on the image for 3D view



Customized products

Modern design

Harmony delivers an innovative and ergonomic design that allows easy operation and improves the look and feel of your control panels and machines.

Improved reliability of panels, machines, and processes

- > The flush mounting solution addresses the market demands for ergonomic design and aesthetics
- Built-in flush pushbuttons
- Flush mounting kit accessories
- > Pushbuttons and switches with a vibrant color pallet

A touch of style for your electrical panels

- > Innovative design without compromise on cost
- > Better perceived quality of your machines and panels
- > A clearer view of control features

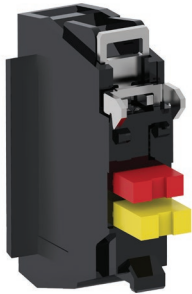
Define your own style with powerful customization abilities

- > Markings on pushbutton, illuminated pushbuttons, and pilot lights caps
- > Markings on the bezel for all built-in flush products
- > Markings on accessories, like legend plates and legend panels





Emergency stop pushbutton with illuminated rings



NC monitoring contact block

Operational efficiency

The Harmony XB5 range offers innovative features for ease-of-use to make an operator's work simpler and more efficient.

Improved operator efficiency

- > Illuminated Emergency stop pushbutton solutions that help you quickly find the E-stop button responsible for production downtime
- > Robust illuminated and non-illuminated buzzers providing water resistance up to IP66, IP67, IP69, and IP69K
- > High brightness and full-surface illumination of pushbuttons and selector switches

Lower safety risk and less machine downtime

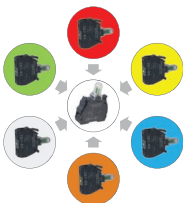
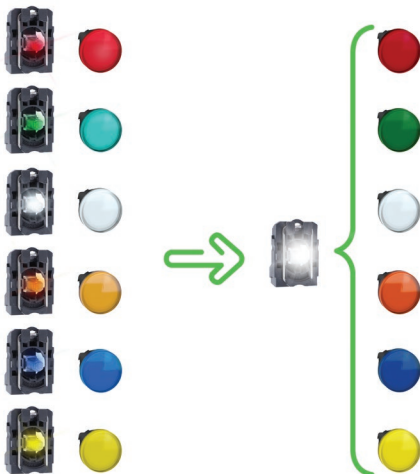
- > Monitoring of the Emergency stop head connection with the NC safety monitoring contact block reduces human error during maintenance or installation of the machine
- > Integration of two functions in one to keep existing cabling and avoid extra connection risks

Universal LED block for all illuminated functions

Harmony has streamlined the structure of pilot lights and actuators using LEDs by moving from 6 colored LEDs to a universal light source.

A unique technology that leads to the best lighting solution

- > Reduces the number of stocked part numbers by a factor of 6 (for a given wiring and voltage solution)
- > Offers astonishing intensity and contrast with enhanced color purity
- > Reduces design and installation time
- > Simplifies maintenance
- > Avoids pairing errors between heads and light blocks thanks to simplified nomenclatures



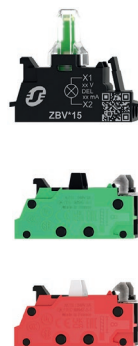
The Universal LED light blocks are now identifiable in the catalog with the logo below as well as physically on the product with the two letters "UN".



Standard screw-in blocks



Compact push-in blocks



Productivity and aesthetic efficiency

Harmony is the first range on the market to introduce compact and stackable contact blocks including push-in technology, fully compatible with the Harmony XB5 units.

Innovative products for benefits never seen before

- > Save installation cost by reducing wiring time
- > No tool required when inserting cables
- > Save maintenance cost by avoiding re-tightening campaigns
- > Improve aesthetic with slim panels thanks to compactness
- > Extend scope of applications with more configuration options
- > No compromise on performance and robustness

Affordable

Harmony delivers simplicity and efficiency while helping to keep your costs down

Increasing operator efficiency

- > USB and RJ45 ports to access PLCs, HMIs, or industrial PCs without opening the control cabinet
- > Timer for simple adjustment of your machine's time settings
- > 3-phase pilot lights mounted in a single 30 mm (1.181 in.) diameter hole
- > Potentiometer with integrated resistor
- > Yellow illuminated functions

Small displays in a diameter 22 mm (0.866 in.) hole for quicker mounting



Harmony Flush

Affordable and modern design for your machines.



USB port



RJ45 port



Timer

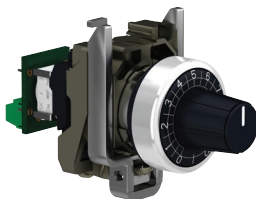


3-phase indicator

Mounting options for easy access to functions on the front panel



Legend panel



Complete potentiometer



Buzzer



Basic display

Legend panels that help simplify installation

- > Hole positions are clearly identified and aligned on the legend panels
- > Just stick the legend panel on your operator interface surface and punch the hole where indicated
- > Save up to 75% of installation time compared with conventional hole alignment methods

Compatible with control stations and enclosures

The Harmony XB5 range is compatible with a wide range of control stations and enclosures:

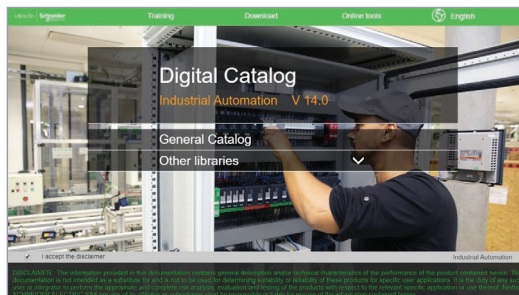
- > XALD/K: standard/yellow plastic box for XB5
- > XALG: for chemical application and/or IP69K solution
- > XALF: dedicated for lift application with XB5 or XB7
- > XAPA: polyster resin for outdoor or chemical application
- > XAPD: standard gray metal box (RAL7035)



Product Selector

Online digital selector

Click to open the selector



Digi-Cat

Click to download Digi-Cat

Simple selection

Harmony XB5 delivers a comprehensive range of modular products that enable simple selection to help minimize your costs right from the beginning.

Digital tools help you select the right product and customize it to meet your needs

- > Digi-Cat, for easy, up-to-date, access to the PDF catalogs
- > Online digital selector to help you find the right reference for your application and customize your product

Easy to convert from standard to flush mounted pushbuttons

- > Harmony XB5 pushbuttons offer the flexibility to convert from standard to flush mounting versions by simply changing a single letter in the product reference.

Example:

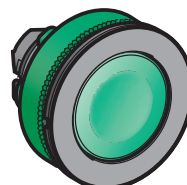
ZB5AA3



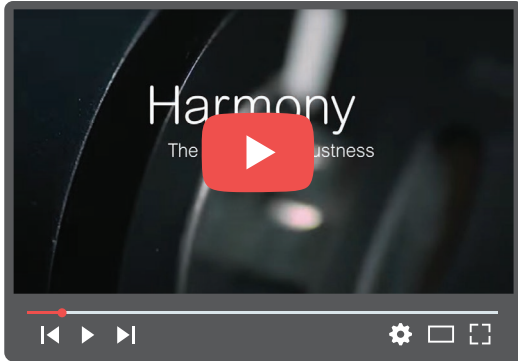
Standard
mounting



ZB5FA3



Flush
mounting



The secret of robustness
Click to open video (46 sec)

Robustness

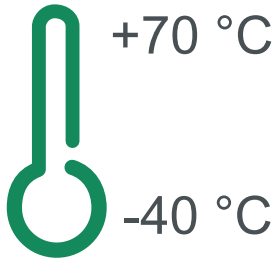
Harmony XB5 delivers extremely robust performance even in severe environments.

Improved reliability of panels, machines, and processes

- > Sealing effectiveness rated up to IP66, IP67, IP68, IP69, IP69K, and type 4X
- > High impact resistance up to IK06 rating
- > Operating temperature ranging from -40 to +70 °C/-40 to +158 °F
- > Compliance with international standards (IEC, UL, CCC, EAC, JIS)
- > Marine certified (BV, LROS, BDNV, GL)

IP69

Robust performance
even in harsh
environments



High electrical performance

- > Contacts and heads designed to prevent vibration, helping to ensure secure mounting and wiring
- Choose from standard, low-load, and high-power electrical contacts

Lower maintenance

- > Harmony pushbuttons are designed to perform up to 10 million operations.
- This represents more than 1,000 operations a day for 27 years.



Marine environment

Click to open video (42 sec)

Adapted to your applications, segments, and operating environments

Harmony offers a unique and unrivalled depth of range delivering products adapted to your applications, segments, and operating environments.



Material working



Packaging



Pumping



Consumer packaged goods



Water & waste water



Oil & Gas



Material handling

Control and signaling units

Harmony XB5 plastic

Pushbuttons, switches, and pilot lights



Harmony XB5 range of control and signaling units for Ø 22 mm/0.866 in. mounting



Harmony XB5 flush mounted control and signaling units for Ø 30 mm/1.181 in. mounting



Harmony digital panel meter

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
- Flush mounting heads for Ø 30 mm/1.181 in. mounting and flush mounting kit accessories combined to offer a modern look to the control panel
- Harmony basic and configurable display offering data visualization
- Various accessories, including 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 three types of head: push-pull, turn to release, and key release
- Pilot lights and illuminated pushbuttons with universal LED and BA9s base fitting bulbs
- Selector switches with different types of operator: standard handle, long handle, knurled knob, or key
- Choice of heads: 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, push-in 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 and RJ45 ports
- Wide choice of accessories and spare parts
- Configurable display for simple machine function
- 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

Basic display: Harmony digital panel meter

Harmony XBH is a digital panel meter for mounting on a control panel or directly on the front of a machine. With the simple 4-digit display, it is easy to view process data from long distances. The display is easy to mount directly in a Ø 22 mm/0.866 in. hole and is supplied directly from the measuring loop. It has two digital outputs for setting a high and low limit and can be configured using the blue and red buttons on the side of the housing. An external alarm can be connected to the panel meter for providing an additional alert in the event of reaching a high or low limit threshold. Harmony XBH panel meters have an IP65 protection rating and can operate in a temperature range between -20 and 60 °C/-4 and 140 °F.

The following settings can be adjusted using the configuration buttons:

- Minimum and maximum value of the input signal
- Number of decimals
- Number of measurements per second
- LOW limit and HIGH limit output threshold
- LOW limit and HIGH limit hysteresis and time delay
- Password protection for the configuration

Control and signaling units

Harmony XB5 plastic

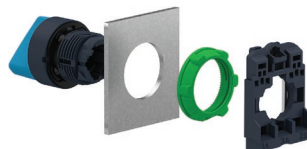
Pushbuttons, switches, and pilot lights

Installation

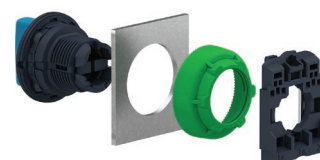
Harmony XB5 products are both simple and quick to install:

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

Harmony XB5 standard mounting products are installed with or without a notch in a $\varnothing 22 \text{ mm}/0.866 \text{ in.}$ hole, thanks to the self-cleavable orientation pin.



For installation of Harmony XB5 standard mounting products



For installation of Harmony XB5 flush mounting products

Harmony XB5 flush mounting products are installed without a notch in a $\varnothing 30 \text{ mm}/1.181 \text{ in.}$ hole. This gives flush mounting products the same actuating area as that of standard mounting products, offering optimized ergonomics for operators even when wearing gloves.

Flush solutions mounted in a $\varnothing 22 \text{ mm}/0.866 \text{ in.}$ hole can be achieved using the Harmony XB6 range. Please refer to the Harmony XB6 catalog for details.

Environment

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

- Certified and approved for meeting requirements worldwide: EN/IEC, CE marking, UL, CSA, CCC, EAC, JIS, NEMA, and marine approvals
- Protection against the ingress of solid foreign objects, dust, and water: IP66, 67, 69, 69K, type 4X
- Operating temperature range from -40°C to $+70^\circ\text{C}/-40^\circ\text{F}$ to $+158^\circ\text{F}$ for outdoor applications
- High chemical robustness
- Shock protection level up to IK03
- High vibration resistance with shakeproof connection screws (periodic retightening unnecessary).

For more technical information, please refer to our website www.se.com.

Product type		Pilot lights	Pushbuttons, selector switches, and pilot lights				Biometric switches	Wireless and batteryless pushbuttons	Pushbuttons, selector switches, and pilot lights		Joystick controllers			Pushbuttons, selector switches, and pilot lights			Cam switches	
																		
Description of range		■ LED pilot lights	■ Pushbuttons ■ Multiple-headed pushbuttons ■ Emergency stop pushbuttons ■ Selector switches and key switches ■ Illuminated pushbuttons ■ Pilot lights ■ Flush mounted pushbuttons, selector switches, and pilot lights (1)				Fingerprint readers 24V ~ ■ Standalone biometric switches ■ Standalone USB biometric switches ■ USB biometric switches dedicated to Schneider HMI (2)	■ Wireless and batteryless pushbuttons and rope pull switch ■ Wireless receivers ■ Harmony Hub ■ EcoStruxure Panel Server	■ Pushbuttons ■ Emergency stop and Emergency switching off pushbuttons ■ Selector switches and key switches ■ Illuminated pushbuttons ■ Pilot lights		■ 2- or 4-direction ■ Stay put or spring return			■ Pushbuttons ■ Emergency stop pushbuttons ■ Selector switches and key switches ■ Illuminated pushbuttons ■ Pilot lights			■ Stepping switches ■ Reversing and changeover switches ■ Ammeter switches ■ Voltmeter switches ■ Reversing switches ■ Star-delta and reversing star-delta switches ■ Pole change switches	
Features	Products	Monolithic, compact, low consumption	Complete units or sub-assemblies (body + head)				Monolithic	Ready-to-use packs (3) and "components" range	Monolithic	Complete units or sub-assemblies (body + head with lever)			Complete units or sub-assemblies (body + head)			Complete units or sub-assemblies (body + front panel + head)		
	Bezel	Double insulated	Double insulated (4)	Metal, chromium plated, or black	Double insulated	Double insulated, dark gray	Metal, chromium plated, or double insulated, black	Double insulated, dark gray (or white for pilot lights)	Metal, chromium plated	Double insulated, black	Metal, chromium plated, or double insulated, black							
	Shape of head	Circular	Circular, square, or rectangular	Circular	Circular	—	Transmitter with circular head	Circular	Circular	Hexagonal							Square	
Drill hole or cut-out for fixing		Ø 8 and Ø 12 mm/ 0.315 and 0.472 in.	Ø 16 mm/0.630 in.	Ø 22 mm/0.866 in. Ø 30 mm/1.181 in. (for flush mounted control and signaling units)			Ø 22 mm/0.866 in.	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 centers: series K30...K150	
Degree of protection	Conforming to IEC 60529	IP40 IP65 with seal	IP65	IP66, IP67, IP69, and IP69K			IP65 (control button)	IP65	IP65 (control buttons and pilot lights) IP54 (Emergency switching off pushbuttons)	IP65	IP66	IP65	IP66 (complete units) IP65 (modular units)			IP65: series K10 IP40, IP65 with seal: series K1/K2 IP40: series K30...K150		
	Conforming to UL 508 and CSA C22-2 No. 14	—	Enclosure type 4, 4X, and 13			Enclosure type 12	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, and 13 (9001SK)			—			
Cabling		Tags for 2.8 x 0.5 mm/0.110 x 0.020 in. connectors or threaded connector	Faston connectors Solder pins for printed circuit boards (4) Fast connector socket (5)	Push-in terminal connections Screw clamp terminal connections Faston connectors Connector with adapter for printed circuit board			Cable or connectors	Wireless (transmitter) Through cable (receiver)	Screw and captive clamp terminal connections Faston clip connections (pilot lights)	Screw and captive clamp terminal connections								
Mounting		Panel thickness	1...6 mm/0.039...0.236 in.				1...6 mm/0.039...0.236 in.										0.5...6 mm/0.020...0.236 in. (depending on model)	
Type references		XVLA	XB6, XB6E	XB4	XB5	XB5S	Harmony Wireless	XB7	XD4PA	XD2GA	XD5PA	9001K, 9001SK			K10, K1, K2, K30, K50, K63, K115, K150			

(1) Flush mounted control and signaling units are available for Harmony XB4 and XB5 ranges only.
(2) Compatible with Harmony iPC, STU, OT, GXO, GT (except GT1000 series), GK, GH, and GTO models.
(3) Wireless and batteryless pushbutton and receiver ready-paired at the factory.

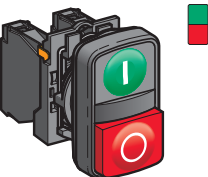
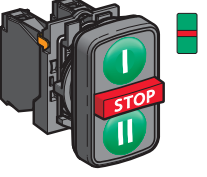
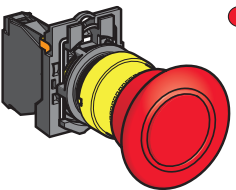
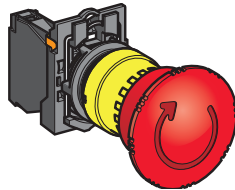
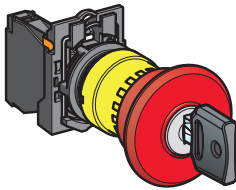
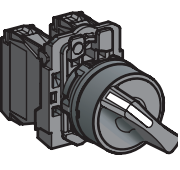
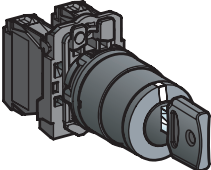
(4) For Harmony XB6 only.
(5) For Harmony XB6E only.

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm pushbuttons, switches, and pilot lights

Complete units, XB5A

Complete units	Contact functions		
Pushbuttons, spring return			
	Flush push, unmarked XB5AA●1/AA42 see page 31	Flush push, marked XB5AA3311/AA33●1 see page 34	
Pushbuttons, spring return			
	Booted flush push XB5AP●1/AP42 see page 33	Projecting push, unmarked XB5AL42 see page 32	Ø 40/1.575 in. mushroom head XB5AC21 see page 42
			
Multiple-headed pushbuttons, spring return	Double-headed XB5AL73415 see page 39	Triple-headed XB5AA731327/XB5AA711237 see page 41	
			
Emergency stop or Emergency switching off mushroom head pushbuttons	Ø 40/1.575 in. push-pull (EN/ISO 13850) XB5AT845 see page 44	Ø 40/1.575 in. turn to release (EN/ISO 13850) XB5AS844● see page 44	Ø 40/1.575 in. key release (EN/ISO 13850) XB5AS9445 see page 44
			
Selector switches and key switches	Standard handle, black XB5AD●● see page 57	Long handle, black XB5AJ●● see page 58	Key switch XB5AG●● see page 59

Control and signaling units

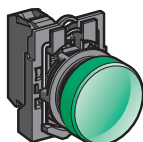
Harmony XB5 plastic

Diameter 22 mm pushbuttons, switches, and pilot lights

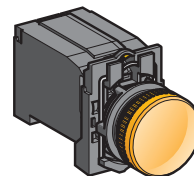
Complete units, XB5A

Complete units
(continued)

Signaling functions



UN
Universal
for all color heads



Pilot lights

Universal LED

XB5AVB●/AVG●/AVM●
see [page 65](#)

For bulb with BA9s base fitting

Direct supply

XB5AV6●
see [page 67](#)

Via integral transformer

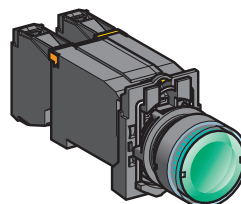
XB5AV3●/AV4●
see [page 67](#)

Combined functions

Contact and signaling functions



UN
Universal
for all color heads

Illuminated pushbuttons,
spring return, flush push

Universal LED

XB5AW3●B5/AW3●G5/AW3●M5
see [page 35](#)

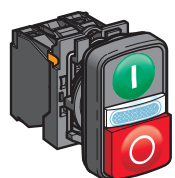
For bulb with BA9s base fitting

Direct supply

XB5AW3●65
see [page 38](#)

Via integral transformer

XB5AW3●35/AW3●45
see [page 38](#)

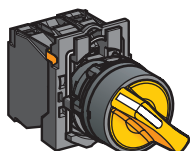


UN
Universal
for all color heads

Double-headed pushbuttons,
spring return, and pilot light
block

Universal LED

XB5AW73731●5
see [page 40](#)



UN
Universal
for all color heads

Illuminated selector
switches, standard handle

Universal LED

XB5AK12●●5, XB5AK13●●5
see [page 63](#)

Control and signaling units

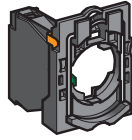
Harmony XB5 plastic

Diameter 22 mm pushbuttons, switches, and pilot lights

Sub-assemblies, ZB5A

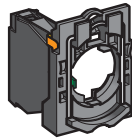
Non-illuminated units for user assembly

For pushbuttons, spring return, unmarked



Screw clamp terminals

ZB5AZ10●/AZ141
see [page 107](#)



Faston

ZB5AZ10●3
see [page 113](#)

For pushbuttons, spring return, marked

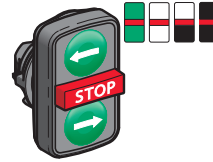


Push-in terminals
ZBE10●5
ZB5AZ10●5
see [page 110](#)

For multiple-headed pushbuttons, spring return



Double-headed
ZB5AA7●●●/AA79
ZB5AL734●
see [page 39](#)



Triple-headed
ZB5AA7313●, ZB5AA711●
ZB5AA72124, ZB5AA791
see [page 40](#)

For "push-push to release" pushbuttons



Flush push (caps mounted/not mounted)
ZB5AH●●/CH●●
see [page 54](#)



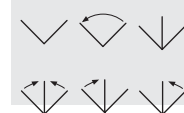
Projecting push
ZB5AH●
see [page 54](#)

For "push-turn to release" pushbuttons



Knurled knob (1)
ZB5AF
see [page 55](#)

(1) Knob positions



Contact functions

Body sub-assemblies

Head sub-assemblies



Flush push without cap/with set of 6 caps
ZB5AA0/AA9
see [page 31](#)



Flush push
ZB5AA●
see [page 31](#)

Flush push for insertion of legend
ZB5AA●8
see [page 31](#)



Projecting
ZB5AL●
see [page 32](#)



Recessed push
ZB5AA●6
see [page 32](#)



Booted flush push, for insertion of legend
ZB5AP●●/AP●S
see [page 33](#)

Control and signaling units

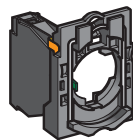
Harmony XB5 plastic

Diameter 22 mm pushbuttons, switches, and pilot lights

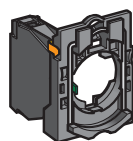
Sub-assemblies, ZB5A

Non-illuminated units for user assembly (continued)

For mushroom head pushbuttons

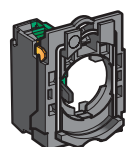

Screw clamp terminals
ZB5AZ10●/AZ141
see [page 107](#)

For Emergency stop or Emergency switching off mushroom head pushbuttons


Faston
ZB5AZ10●3
see [page 113](#)

Emergency stop trigger action and mechanical latching

Emergency switching off mechanical latching


Push-in terminals
ZBE10●5
ZB5AZ10●5
see [page 110](#)

Emergency stop trigger action and mechanical latching

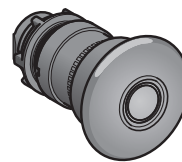
For selector switches and key switches

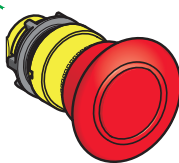
Contact functions (continued)

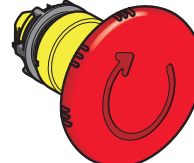
Body sub-assemblies

Head sub-assemblies

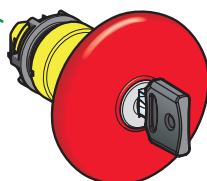

Ø 30 mm/1.18 in.
Ø 40 mm/1.57 in.
Ø 60 mm/2.36 in.

Spring
ZB5AC●/AR●
see [page 41](#)

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

Latching
ZB5A●2/AS●2/AS55
see [page 42](#)

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 43](#)

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

Turn to release (EN/ISO 13850)
ZB5AS8●4
see [page 43](#)

Push-pull (IEC 60364-5-53)
ZB5AT●/AX●
see [page 43](#)

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 43](#)

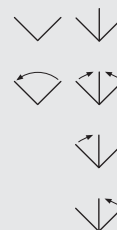
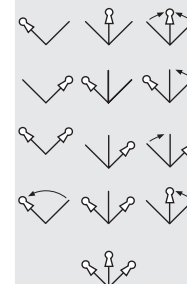
Standard handle (1)
ZB5AD●
see [page 55](#)

Long black handle (1)
ZB5AJ●
see [page 57](#)

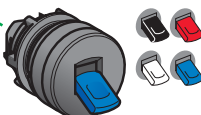
Knurled black knob (1)
ZB5AD●9
see [page 59](#)

Key switch (2)
ZB5AG●●
see [page 59](#)

(1) Switch handle and knob positions


(2) Key switch positions
Key withdrawal positions


For toggle switches


2-position lever (3)
ZB5AD●8
see [page 59](#)

(3) Lever positions



Control and signaling units

Harmony XB5 plastic

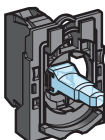
Diameter 22 mm pushbuttons, switches, and pilot lights

Sub-assemblies, ZB5A

Pilot lights for user assembly

Signaling functions

Body sub-assemblies with Universal LED



UN
Universal
for all color heads

Connection: screw clamp terminals
ZB5AVB●/AVG●/AVM●
see [page 115](#)



UN
Universal
for all color heads

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

Head sub-assemblies

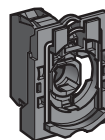


With lens fitted (insertion of legend)
ZB5AV0●3/AV0●3E, see [page 63](#)

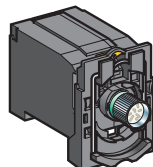


With 5 lens caps (not fitted) for insertion of legend
ZB5AV003/AV0●3●, see [page 63](#)

Body sub-assemblies for BA9s bulb



Direct supply
Connection: screw clamp terminals
ZB5AV6, see [page 117](#)



Via integral transformer
Connection: screw clamp terminals
ZB5AV●/AV3D●/AV5D●
see [page 117](#)



With lens fitted
ZB5AV0●, see [page 64](#)

Illuminated pushbuttons for user assembly

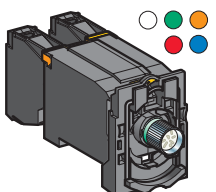
For illuminated pushbuttons, spring return

Combined functions (contact and signaling)

Body sub-assemblies for BA9s bulb



Direct supply
Connection: screw clamp terminals
ZB5AW06●
see [page 115](#)



Via integral transformer
Connection: screw clamp terminals
ZB5AW03●/AW04●/AW05●
see [page 116](#)

Head sub-assemblies



Flush
ZB5AW3●/AW3●S
see [page 38](#)



Projecting
ZB5AW1●/AW1●S
see [page 38](#)

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm pushbuttons, switches, and pilot lights

Sub-assemblies, ZB5A

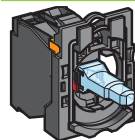
Illuminated pushbuttons for user assembly

For illuminated pushbuttons, spring return

Combined functions (contact and signaling) (continued)

Body sub-assemblies with Universal LED

Head sub-assemblies


UN
Universal
for all color heads

Connection: screw clamp terminals

ZB5AW0B●●/AW0G●●/AW0M●●
see [page 114](#)

UN
Universal
for all color heads

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

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


UN
Universal
for all color heads

Connection: push-in terminals
ZBV ●●5
see [page 111](#)

For illuminated, mushroom head pushbuttons, latching

For illuminated mushroom head pushbuttons

- Emergency stop with trigger action and mechanical latching

or

- Emergency switching off with mechanical latching only

For illuminated “push-push to release” pushbuttons

For illuminated selector switches, standard handle


● ● ● ●
● ● ● ●
● ● ● ●

Flush push with illuminated ring
ZB5AW3●3/AW3●3S/AW9●3
see [page 116](#)

● ● ● ●
● ● ● ●
● ● ● ●

Flush push for insertion of legend
ZB5AA●8
see [page 31](#)

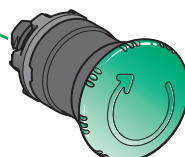
● ● ● ●
● ● ● ●
● ● ● ●

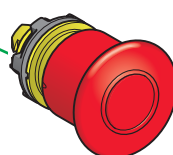
Booted flush push
ZB5AW5●3
see [page 116](#)

● ● ● ●
● ● ● ●
● ● ● ●

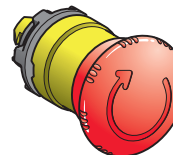
Projecting push
ZB5AW1●3/AW1●3S
see [page 37](#)

UN
Universal
for all color heads

Double-headed (flush/flush push) + central pilot light
Double-headed (flush/projecting push) + central pilot light
ZB5AW7A17●●, ZB5AW7A374●●, ZB5AW7A9, see [page 39](#)
ZB5AW7L374●●, see [page 39](#)

● ● ● ●
● ● ● ●
● ● ● ●

Ø 40 mm/1.575 in. turn to release
ZB5AW7●3, see [page 42](#)


Ø 40 mm/1.575 in. push-pull with mechanical state indicator (EN/ISO 13850)

ZB5AT8643M
see [page 46](#)


Ø 40 mm/1.575 in. turn to release (IEC 60364-5-53)

ZB5AW743
see [page 46](#)

● ● ● ●
● ● ● ●
● ● ● ●

Flush or projecting “push-push to release”
ZB5AH0●3/AH●3
see [page 54](#)

● ● ● ●
● ● ● ●
● ● ● ●

Standard handle (1)
ZB5AK1●●3
see [page 61](#)

(1) Handle positions



Control and signaling units

Harmony XB5 plastic

Diameter 22 mm pushbuttons, switches, and pilot lights

Sub-assemblies, ZB5F flush mounting heads

Non-illuminated units
for user assembly

For pushbuttons,
spring return, unmarked

Body
sub-assemblies

Screw clamp terminals

ZB5AZ10●/AZ141
see [page 107](#)

Faston

ZB5AZ10●3
see [page 111](#)

For pushbuttons,
spring return, marked

Push-in terminals

ZBE10●5
ZB5AZ10●5
see [page 110](#)

For "push-push to release"
pushbuttons

Head sub-assemblies

Flush push without
cap/with set of 6 caps

ZB5FA0/FA9
see [page 85](#)

Flush push

ZB5FA●
see [page 85](#)

Flush push for insertion of legend

ZB5FA●8
see [page 85](#)

Projecting

ZB5FL●
see [page 86](#)

Recessed push

ZB5FA●
see [page 85](#)

Flush push

ZB5FA●3●/FA●4●
see [page 87](#)

Projecting push

ZB5FL●3●
see [page 87](#)

Flush push (caps
mounted/not mounted)

ZB5FH●●
see [page 91](#)

Projecting push

ZB5FH●
see [page 91](#)

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm pushbuttons, switches, and pilot lights

Sub-assemblies, ZB5F flush mounting heads

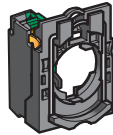
Non-illuminated units for user assembly (continued)

Contact functions for Ø 30 mm mounting (continued)

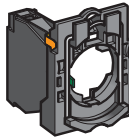
Body sub-assemblies

Head sub-assemblies

For selector switches and key switches



Push-in terminals
ZBE10●5
ZB5AZ10●5
see [page 110](#)



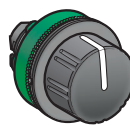
Faston
ZB5AZ10●3
see [page 113](#)



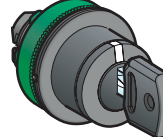
Standard handle (1)
ZB5FD●
see [page 93](#)



Long black handle (1)
ZB5FJ●
see [page 94](#)

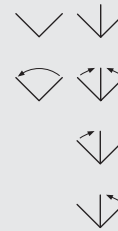


Knurled black knob (1)
ZB5FD●9
see [page 96](#)

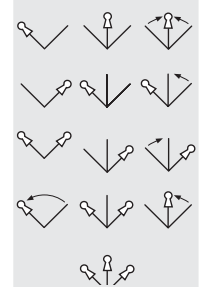


Key switch (2)
ZB5FG●●
see [page 95](#)

(1) Switch handle and knob positions



(2) Key switch positions Key withdrawal positions



Control and signaling units

Harmony XB5 plastic
Diameter 22 mm pushbuttons, switches, and pilot lights
Sub-assemblies, ZB5F flush mounting heads

Pilot lights
for user assembly

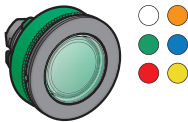
Signaling functions for Ø 30 mm mounting

Body sub-assemblies
with Universal LED

Head sub-assemblies



Connection: screw clamp terminals
ZB5AVB●/AVG●/AVM●
see [page 115](#)



With lens fitted (insertion of legend)
ZB5FV0●3
see [page 99](#)



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

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm pushbuttons, switches, and pilot lights

Sub-assemblies, ZB5F flush mounting heads

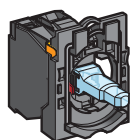
Illuminated pushbuttons for user assembly

For illuminated pushbuttons, spring return

Combined functions (contact and signaling)

Body sub-assemblies with Universal LED

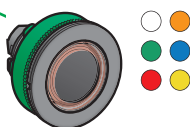
Head sub-assemblies



UN
Universal
for all color heads

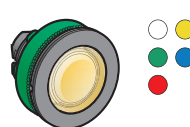
Connection: screw clamp terminals

ZB5AW0B●●/AW0G●●/AW0M●●
see [page 114](#)



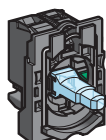
Flush push with illuminated ring

ZB5FW9●3
see [page 89](#)



Flush push for insertion of legend

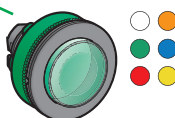
ZB5FA●8
see [page 85](#)



UN
Universal
for all color heads

Connection: plug-in connector

Please contact our Customer Care Center



Projecting push

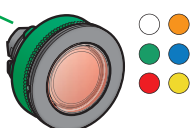
ZB5FW1●3
see [page 90](#)



UN
Universal
for all color heads

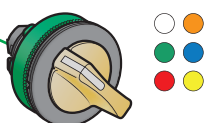
Connection: push-in terminals

ZBV ●●5
see [page 111](#)



Flush or projecting "push-push to release"

ZB5FH0●3/FH●3
see [page 92](#)



Standard handle (1)

ZB5FK1●●3
see [page 97](#)

(1) Handle positions



Control and signaling units

Harmony XB5 plastic

Contact mounting - Contact sequence

for contact blocks with screw clamp terminal
or Faston connections

Maximum recommended configurations to help ensure compliance with catalog characteristics

Unit type Complete units XB5A and XB5F, heads ZB5A and ZB5F (1)		Pushbuttons, spring return XB5AA●, ZB5AA● (except ZB5AA●8), XB5AC●, ZB5AC●, XB5AL●, ZB5AL●, XB5AP●, ZB5AP●, ZB5AR● Flush mounted pushbuttons, spring return XB5FA●, ZB5FA● (except ZB5FA●8) 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 Illuminated pushbuttons, spring return XB5FW●, ZB5FW●, ZB5FA●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	9	6	6
	Double contacts + Single contacts	3 + 3	2 + 2	2 + 2
	Light block	—	—	1

Possible configurations for high-power switching contacts ^{(2) (3)}

High-power switching contact blocks with screw clamp terminal connections:
ZBE501, ZBE502, ZBE503, ZBE504, and ZBE505

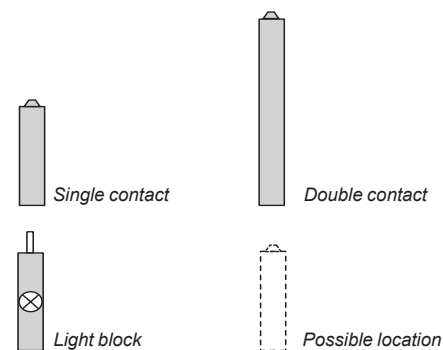
High-power switching contact blocks with connection by Faston connectors:
ZBE50•3

		
1 NO	1 NC	1 NO + NC 1 NO + NO 1 NC + NC

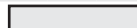
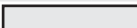
(1) Flush mounted heads for Ø 30 mm/1.18 in.

(2) The configurations are not upgradable and cannot be combined with other types of contact and signaling functions.

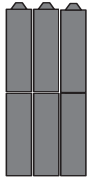
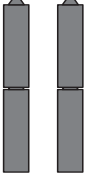
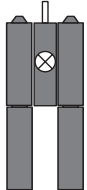
(3) High-power switching contacts are not compatible with Harmony triple-headed pushbuttons.



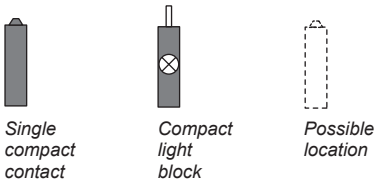
Sequence of contacts on selector switch bodies

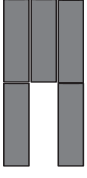
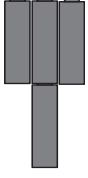
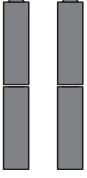
Unit type			Selector switches											
			2-position						3-position					
			315°		45°		315°		0°		45°			
Head operator	Position	Not activated												
		Activated												
	Contact location		L C R		L C R		L C R		L C R		L C R			
ZBE contacts	NO		☐	☐	☐	☒	☒	☒	☐	☐	☐	☐	☒	☒
	NC		☒	☒	☒	☐	☐	☐	☒	☒	☒	☒	☐	☐
L left, C center, R right														
☐ open ☒ closed														

Control and signaling units
Harmony XB5 plastic
Contact mounting - Contact sequence for
compact contact blocks with push-in connections

Maximum recommended configurations to help ensure compliance with catalog characteristics			
Unit type Complete units XB5A and XB5F, heads ZB5A and ZB5F (1)	Pushbuttons, spring return XB5AA●, ZB5AA● (except ZB5AA●8), XB5AC●, ZB5AC●, XB5AL●, ZB5AL●, XB5AP●, ZB5AP●, ZB5AR● Flush mounted pushbuttons, spring return XB5FA●, ZB5FA● (except ZB5FA●8) 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 Illuminated pushbuttons, spring return XB5FW●, ZB5FW●, ZB5FA●8 Double-headed pushbuttons + pilot light block XB5AW73731●5, ZB5AW7A17●●, ZB5AW7●374●, ZB5AW7A9
Solution using single contacts			
	6	4	4
Maximum recommended configurations	Single compact contacts		
	Compact light block		
	—	—	1

(1) Flush mounted heads for Ø 30 mm/1.18 in.



Emergency stop or Emergency switching off XB5AT●, ZB5AT●, XB5AS●, ZB5AS●	Selector switches, ■ Standard handle XB5AD●, ZB5AD● ■ Long handle XB5AJ●, ZB5AJ● ■ Knurled knob ZB5AD●9 ■ Key switch XB5AG●, ZB5AG●, ZB5AG0● Flush mounted selector switches ■ Standard handle XB5FD●, ZB5FD● ■ Long handle XB5FJ●, ZB5FJ● ■ Knurled knob ZB5FD●9 ■ Key switch XB5FG●, ZB5FG0●, ZB5FG●			Illuminated selector switches with standard handle XB5AK●, ZB5AK● Flush mounted illuminated selector switches with standard handle XB5FK●, ZB5FK●	Toggle switches ZB5AD●8 Pushbuttons, push-turn to release, knurled operator ZB5AF●, or lockable ZB5AFD●	Pushbuttons, push-push ZB5AH● Flush mounted pushbuttons, push-push ZB5FH●	Illuminated pusbuttons, push-push ZB5AH●3, ZB5AW743 Flush mounted illuminated pusbuttons, push-push ZB5FH●3 Illuminated Emergency stop ZB5AT8643M
							
4	5	4	4	4	6	3	2
—	—	—	—	1	—	—	1

Sequence of contacts on selector switch bodies		
Unit type	Selector switches	
	2-position	3-position
	315° 45°	315° 0° 45°
Head operator	Position	Not activated
		Activated
	Contact location	
ZBE contacts	NO	
	NC	
L left, C center, R right		
□ open ■ closed		

Harmony XB5 plastic

For Ø 22 mm mounting

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm spring return pushbuttons, unmarked



XB5AA31



XB5AA51C0



XB5AA425



ZB5AA0



ZB5AA5



ZB5AA48

Pushbuttons with flush push ⁽¹⁾							
Shape of head	Type of push	Type of contact		Color of push	Reference		Weight kg/lb
		 NO	 NC		For black bezel	For gray bezel ⁽²⁾	
Complete units ⁽³⁾							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
	Flush	1	–	White	XB5AA11 (ZB5AZ101 + ZB5AA1)	XB5AA11C0 (ZB5AZ101 + ZB5AA1C0)	0.037/0.082
				Black	XB5AA21 ⁽⁴⁾ (ZB5AZ101 + ZB5AA2)	XB5AA21C0 (ZB5AZ101 + ZB5AA2C0)	0.037/0.082
				Green	XB5AA31 ⁽⁴⁾ (ZB5AZ101 + ZB5AA3)	XB5AA31C0 (ZB5AZ101 + ZB5AA3C0)	0.037/0.082
				Yellow	XB5AA51 (ZB5AZ101 + ZB5AA5)	XB5AA51C0 (ZB5AZ101 + ZB5AA5C0)	0.037/0.082
				Blue	XB5AA61 (ZB5AZ101 + ZB5AA6)	XB5AA61C0 (ZB5AZ101 + ZB5AA6C0)	0.037/0.082
	–	1	Red	XB5AA42 ⁽⁴⁾ (ZB5AZ102 + ZB5AA4)	XB5AA42C0 (ZB5AZ102 + ZB5AA4C0)	0.037/0.082	
Compact push-in terminal connections							
	Flush	1	–	White	XB5AA115 (ZB5AZ1015 + ZB5AA1)	–	0.041/0.090
				Black	XB5AA215 (ZB5AZ1015 + ZB5AA2)	–	0.041/0.090
				Green	XB5AA315 (ZB5AZ1015 + ZB5AA3)	–	0.041/0.090
				Yellow	XB5AA515 (ZB5AZ1015 + ZB5AA5)	–	0.041/0.090
				Blue	XB5AA615 (ZB5AZ1015 + ZB5AA6)	–	0.041/0.090
	–	1	Red	XB5AA425 (ZB5AZ1025 + ZB5AA4)	–	0.041/0.090	
Heads only, circular, for screw clamp or compact push-in terminal connections ⁽³⁾							
	Without cap ⁽⁵⁾			–	ZB5AA0	–	0.022/0.049
	Flush, with set of 6 colored caps			6 colors ⁽⁵⁾	ZB5AA9	–	0.027/0.060
	Flush			White	ZB5AA1	ZB5AA1C0	0.018/0.040
				Black	ZB5AA2	ZB5AA2C0	0.018/0.040
				Green	ZB5AA3	ZB5AA3C0	0.018/0.040
				Red	ZB5AA4	ZB5AA4C0	0.018/0.040
				Yellow	ZB5AA5	ZB5AA5C0	0.018/0.040
				Blue	ZB5AA6	ZB5AA6C0	0.018/0.040
				Gray	ZB5AA8	ZB5AA8C0	0.018/0.040
	Flush with transparent cap for insertion of legend ⁽⁶⁾			White	ZB5AA18	ZB5AA18C0	0.018/0.040
				Green	ZB5AA38	ZB5AA38C0	0.018/0.040
				Red	ZB5AA48	ZB5AA48C0	0.018/0.040
				Orange	ZB5AA58	ZB5AA58C0	0.018/0.040
				Blue	ZB5AA68	ZB5AA68C0	0.018/0.040
	Illuminated flush pushbutton head, with set of 6 colored caps			6 colors	ZB5AA98	–	0.018/0.040

⁽¹⁾ For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see pages 26 to 29.

⁽²⁾ To add customized markings on these references using the online customization tool, see page 5.

⁽³⁾ Colored cap to be ordered separately (see page 74).

⁽⁴⁾ To order products with 1 NO and 1 NC contact, replace the last digit of the commercial reference with a 5. For example, XB5AA21 becomes XB5AA25.

⁽⁵⁾ Head supplied with 6 different colored caps (white, black, green, red, yellow, or blue) not fitted.

⁽⁶⁾ For legend ordering information, see page 82.

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm spring return pushbuttons, unmarked



ZB5AA16



ZB5AA46C0

Pushbuttons with recessed push ⁽¹⁾					
High guard					
Shape of head	Type of push	Color	Reference		Weight kg/lb
			For black bezel	For gray bezel	
Heads only, circular ⁽²⁾					
	Recessed (high guard)	White	ZB5AA16	ZB5AA16C0	0.020/0.044
		Black	ZB5AA26	ZB5AA26C0	0.020/0.044
		Green	ZB5AA36	ZB5AA36C0	0.020/0.044
		Red	ZB5AA46	ZB5AA46C0	0.020/0.044
		Yellow	ZB5AA56	ZB5AA56C0	0.020/0.044
		Blue	ZB5AA66	ZB5AA66C0	0.020/0.044



XB5AL42C0



XB5AL425



ZB5AL3



ZB5AL6C0

Pushbuttons with projecting push ⁽¹⁾							
Shape of head	Type of push	Type of contact		Color of push	Reference	Weight kg/lb	
		 NO	 NC		For black bezel		For gray bezel
Complete units ⁽²⁾							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
	Projecting	—	1	Red	XB5AL42 (ZB5AZ102 + ZB5AL4)	XB5AL42C0 (ZB5AZ102 + ZB5AL4C0)	0.038/0.084
Compact push-in terminal connections							
	Projecting	—	1	Red	XB5AL425 (ZB5AZ1025 + ZB5AL4)	—	0.042/0.092
Heads only, circular, for screw clamp or compact push-in terminal connections ⁽²⁾							
	Projecting			White	ZB5AL1	ZB5AL1C0	0.019/0.042
				Black	ZB5AL2	ZB5AL2C0	0.019/0.042
				Green	ZB5AL3	ZB5AL3C0	0.019/0.042
				Red	ZB5AL4	ZB5AL4C0	0.019/0.042
				Yellow	ZB5AL5	ZB5AL5C0	0.019/0.042
				Blue	ZB5AL6	ZB5AL6C0	0.019/0.042

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see pages 26 to 29.

(2) To add customized markings on these references using the online customization tool, see page 5.

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm spring return pushbuttons, unmarked



XB5AP51



XB5AP61C0



ZB5AP4



ZB5AP2S



ZB5AP383

Pushbuttons with booted head (1)

Shape of head	Type of push	Type of contact		Color of push	Reference		Weight kg/lb
		NO	NC		For black bezel	For gray bezel	

Complete units (2)

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

	Booted, clear silicone (color of push unobscured)	1	–	Black	XB5AP21 (ZB5AZ101 + ZB5AP2)	XB5AP21C0	0.039/0.086
				Green	XB5AP31 (ZB5AZ101 + ZB5AP3)	XB5AP31C0	0.039/0.086
				Yellow	XB5AP51 (ZB5AZ101 + ZB5AP5)	XB5AP51C0	0.039/0.086
				Blue	XB5AP61 (ZB5AZ101 + ZB5AP6)	XB5AP61C0	0.039/0.086
		–	1	Red	XB5AP42 (ZB5AZ102 + ZB5AP4)	–	0.039/0.086

Silicone booted heads only, with increased protection (IP69K)

	Flush	Clear boot (3) For insertion of protected legend within head (4)	White	ZB5AP18 (2)	–	0.023/0.051
			Green	ZB5AP38	–	0.023/0.051
			Red	ZB5AP48 (2)	–	0.023/0.051
			Yellow	ZB5AP58	–	0.023/0.051
			Blue	ZB5AP68 (2)	–	0.023/0.051
	Projecting	Clear boot (2)(3)	White	ZB5AP1	–	0.014/0.031
			Black	ZB5AP2	–	0.014/0.031
			Green	ZB5AP3	–	0.014/0.031
			Red	ZB5AP4	–	0.014/0.031
			Yellow	ZB5AP5	–	0.014/0.031
			Blue	ZB5AP6	–	0.014/0.031

Silicone booted heads only, standard for mounting with legend holder (IP66)

	Flush	Colored boot (2)(5)	White	ZB5AP1S	–	0.021/0.046
			Black	ZB5AP2S	–	0.021/0.046
			Green	ZB5AP3S	–	0.021/0.046
			Red	ZB5AP4S	–	0.021/0.046
			Yellow	ZB5AP5S	–	0.021/0.046
			Blue	ZB5AP6S	–	0.021/0.046
		Clear membrane (5) For insertion of protected legend within head (4)	White	ZB5AP183	–	0.010/0.022
			Green	ZB5AP383	–	0.010/0.022
			Red	ZB5AP483	–	0.010/0.022
			Yellow	ZB5AP583 (2)	–	0.010/0.022
			Blue	ZB5AP683	–	0.010/0.022

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see pages 26 to 29.

(2) To add customized markings on these references using the online customization tool, see page 5.

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

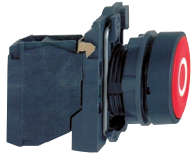
(4) To order a legend for insertion within the head, see page 82.

(5) For replacement of silicone protection element without dismantling head, see page 76.

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm spring return pushbuttons, with marking



XB5AA4322



XB5AA3351C0



ZB5AA331



ZB5AA432



ZB5AL232

Pushbuttons with flush or projecting push (1)

Shape of head	Type of push	Type of contact		Marking Text (color)	Color of push	Reference		Weight kg/lb
						For black bezel	For gray bezel	
Complete units (2)								
Screw clamp terminal connections (Schneider Electric anti-loosening system)								
	Flush	1	–	"I" (white)	Green	XB5AA3311 (ZB5AZ101 + ZB5AA331)	XB5AA3311C0 (ZB5AZ101 + ZB5AA331C0)	0.037/0.082
	Flush	–	1	"O" (white)	Red	XB5AA4322 (ZB5AZ102 + ZB5AA432)	XB5AA4322C0 (ZB5AZ102 + ZB5AA432C0)	0.037/0.082
	Flush (3)	1	–	↑ (black)	White	XB5AA3341 (ZB5AZ101 + ZB5AA334)	XB5AA3341C0 (ZB5AZ101 + ZB5AA334C0)	0.037/0.082
	Flush (3)	1	–	↓ (white)	Black	XB5AA3351 (ZB5AZ101 + ZB5AA335)	XB5AA3351C0 (ZB5AZ101 + ZB5AA335C0)	0.037/0.082
Heads only, circular (2)								
	Flush			"I" (white)	Green	ZB5AA331	ZB5AA331C0	0.018/0.040
				"I" (black)	White	ZB5AA131	ZB5AA131C0	0.018/0.040
				"II" (white)	Green	ZB5AA336	–	0.018/0.040
				"START" (white)	Green	ZB5AA333	ZB5AA333C0	0.018/0.040
				"ON" (white)	Green	ZB5AA341	–	0.018/0.040
				"MARCHE" (white)	Green	ZB5AA342	–	0.018/0.040
				 (white)	Black	ZB5AA245	–	0.018/0.040
				 (black)	White	ZB5AA145	–	0.018/0.040
				"O" (white)	Red	ZB5AA432	ZB5AA432C0	0.018/0.040
					Black	ZB5AA232	–	0.018/0.040
				"ARRET" (white)	Red	ZB5AA433	–	0.018/0.040
				"STOP" (white)	Red	ZB5AA434	ZB5AA434C0	0.018/0.040
					Black	ZB5AA234	–	0.018/0.040
				"OFF" (white)	Red	ZB5AA435	–	0.018/0.040
				UP (black)	White	ZB5AA343	–	0.018/0.040
				DOWN (white)	Black	ZB5AA344	–	0.018/0.040
				↑ (black) (3)	White	ZB5AA334	ZB5AA334C0	0.018/0.040
				↓ (white) (3)	Black	ZB5AA335	ZB5AA335C0	0.018/0.040
	Projecting (3)			"O" (white)	Red	ZB5AL432	ZB5AL432C0	0.019/0.042
					Black	ZB5AL232	–	0.019/0.042
				"STOP" (white)	Red	ZB5AL434	–	0.019/0.042

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [page 26](#) and 27.

(2) To add customized markings on these references using the online customization tool, see [page 5](#).

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

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm illuminated pushbuttons, spring return, with Universal LED

Illuminated pushbuttons with flush push (1)

Shape of head	Description of head	Type of contact		Supply voltage V	Color of push	Reference		Weight kg/lb
		 NO	 NC			For black bezel	For gray bezel	
Complete units - With plain lens								
Screw clamp terminal connections (Schneider Electric anti-loosening system)								
	Universal LED	1	1	24 ~ 50/60 Hz	White	XB5AW31B5 (ZB5AW0B15 + ZB5AW313)	XB5AW31B5C0 (ZB5AW0B15 + ZB5AW313C0)	0.056/0.123
					Green	XB5AW33B5 (3) (ZB5AW0B15 + ZB5AW333)	XB5AW33B5C0 (ZB5AW0B15 + ZB5AW333C0)	0.056/0.123
					Red	XB5AW34B5 (ZB5AW0B15 + ZB5AW343)	XB5AW34B5C0 (ZB5AW0B15 + ZB5AW343C0)	0.056/0.123
					Orange	XB5AW35B5 (ZB5AW0B15 + ZB5AW353)	XB5AW35B5C0 (ZB5AW0B15 + ZB5AW353C0)	0.056/0.123
					Blue	XB5AW36B5 (ZB5AW0B15 + ZB5AW363)	XB5AW36B5C0 (ZB5AW0B15 + ZB5AW363C0)	0.056/0.123
	Universal LED	1	1	110...120 ~ 50/60 Hz	White	XB5AW31G5 (ZB5AW0G15 + ZB5AW313)	XB5AW31G5C0 (ZB5AW0G15 + ZB5AW313C0)	0.056/0.123
					Green	XB5AW33G5 (ZB5AW0G15 + ZB5AW333)	XB5AW33G5C0 (ZB5AW0G15 + ZB5AW333C0)	0.056/0.123
					Red	XB5AW34G5 (ZB5AW0G15 + ZB5AW343)	XB5AW34G5C0 (ZB5AW0G15 + ZB5AW343C0)	0.056/0.123
					Orange	XB5AW35G5 (ZB5AW0G15 + ZB5AW353)	XB5AW35G5C0 (ZB5AW0G15 + ZB5AW353C0)	0.056/0.123
					Blue	XB5AW36G5 (ZB5AW0G15 + ZB5AW363)	XB5AW36G5C0 (ZB5AW0G15 + ZB5AW363C0)	0.056/0.123
	Universal LED	1	1	230...240 ~ 50/60 Hz	White	XB5AW31M5 (ZB5AW0M15 + ZB5AW313)	XB5AW31M5C0 (ZB5AW0M15 + ZB5AW313C0)	0.056/0.123
					Green	XB5AW33M5 (ZB5AW0M15 + ZB5AW333)	XB5AW33M5C0 (ZB5AW0M15 + ZB5AW333C0)	0.056/0.123
					Red	XB5AW34M5 (ZB5AW0M15 + ZB5AW343)	XB5AW34M5C0 (ZB5AW0M15 + ZB5AW343C0)	0.056/0.123
					Orange	XB5AW35M5 (ZB5AW0M15 + ZB5AW353)	XB5AW35M5C0 (ZB5AW0M15 + ZB5AW353C0)	0.056/0.123
					Blue	XB5AW36M5 (ZB5AW0M15 + ZB5AW363)	XB5AW36M5C0 (ZB5AW0M15 + ZB5AW363C0)	0.056/0.123

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 26 and 27.

(2) To add customized markings on these references using the online customization tool, see page 5.

(3) To order products with 2 NO contacts, replace the last digit of the commercial reference with a 3. For example, XB5AW33B5 becomes XB5AW33B3.

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm illuminated pushbuttons, spring return, with Universal LED

Illuminated pushbuttons with flush push (continued) (1)

Shape of head	Description	Type of contact	Supply voltage V	Color of push	Reference	Weight kg/lb	
		 NO  NC			For black bezel		
Complete units - With plain lens							
Compact push-in terminal connections							
 Universal LED  Universal for all color heads		1	1	24  50/60 Hz	White	XB5AW31B55 (ZB5AZ1055 + ZBVB15 + ZB5AW313)	0.052/0.114
					Green	XB5AW33B55 (ZB5AZ1055 + ZBVB15 + ZB5AW333)	0.052/0.114
					Red	XB5AW34B55 (ZB5AZ1055 + ZBVB15 + ZB5AW343)	0.052/0.114
					Orange	XB5AW35B55 (ZB5AZ1055 + ZBVB15 + ZB5AW353)	0.052/0.114
					Blue	XB5AW36B55 (ZB5AZ1055 + ZBVB15 + ZB5AW363)	0.052/0.114

Heads only, circular (2) - With plain lens (3)

Shape of head	Type of push	Color	Reference For black bezel	For gray bezel	Weight kg/lb
  UN Universal <i>for all color heads</i>	Flush	White	ZB5AW313	ZB5AW313C0	0.017/0.037
		Green	ZB5AW333	ZB5AW333C0	0.017/0.037
		Red	ZB5AW343	ZB5AW343C0	0.017/0.037
		Orange	ZB5AW353	ZB5AW353C0	0.017/0.037
		Yellow	ZB5AW383	ZB5AW383C0	0.017/0.037
		Blue	ZB5AW363	ZB5AW363C0	0.017/0.037
	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
	Flush with clear boot (IP67)	White	ZB5AW513	ZB5AW513C0	0.019/0.042
		Green	ZB5AW533	ZB5AW533C0	0.019/0.042
		Red	ZB5AW543	ZB5AW543C0	0.019/0.042
		Orange	ZB5AW553	ZB5AW553C0	0.019/0.042
		Yellow	ZB5AW583	ZB5AW583C0	0.019/0.042
		Blue	ZB5AW563	ZB5AW563C0	0.019/0.042
	Flush for insertion of legend (4) (IP69 K)	White	ZB5AA18	ZB5AA18C0	0.018/0.040
		Green	ZB5AA38	ZB5AA38C0	0.018/0.040
		Red	ZB5AA48	ZB5AA48C0	0.018/0.040
		Orange	ZB5AA58	ZB5AA58C0	0.018/0.040
		Yellow	ZB5AA88	ZB5AA88C0	0.018/0.040
		Blue	ZB5AA68	ZB5AA68C0	0.018/0.040
Illuminated flush pushbutton head, with set of 6 colored caps	6 colors	ZB5AA98	—	0.018/0.040	

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see pages 26 to 29.

(2) For use with bodies comprising a light source with Universal LED only.

(3) To add customized markings on these references using the online customization tool, see page 5.

(4) For legend ordering information, see page 82.

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm illuminated pushbuttons, spring return, with Universal LED



ZB5AW333SC0



Illuminated pushbuttons with flush push (continued) (1)					
Shape of head	Type of push	Color	Reference		Weight kg/lb
			For black bezel	For gray bezel	
Heads only, circular (2) - With grooved lens (3) (4)					
  Universal for all color heads	Flush	White	ZB5AW313S	ZB5AW313SC0	0.017/0.037
		Green	ZB5AW333S	ZB5AW333SC0	0.017/0.037
		Red	ZB5AW343S	ZB5AW343SC0	0.017/0.037
		Orange	ZB5AW353S	ZB5AW353SC0	0.017/0.037
		Yellow	ZB5AW383S	ZB5AW383SC0	0.017/0.037
		Blue	ZB5AW363S	ZB5AW363SC0	0.017/0.037



ZB5AW143



Illuminated pushbuttons with projecting push ⁽¹⁾					
Shape of head	Type of push	Color	Reference		Weight kg/lb
			For black bezel	For gray bezel	
Heads only, circular ⁽²⁾ - With plain lens ⁽³⁾					
 	Projecting	White	ZB5AW113	ZB5AW113C0	0.018/0.040
		Green	ZB5AW133	ZB5AW133C0	0.018/0.040
		Red	ZB5AW143	ZB5AW143C0	0.018/0.040
		Orange	ZB5AW153	ZB5AW153C0	0.018/0.040
		Yellow	ZB5AW183	ZB5AW183C0	0.018/0.040
		Blue	ZB5AW163	ZB5AW163C0	0.018/0.040



ZB5AW183C0

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

(2) For use with bodies comprising a light source with Universal LED only.

(3) To add customized markings on these references using the online customization tool, see [page 5](#).

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

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm illuminated pushbuttons, spring return, with BA9s base fitting



XB5AW3465



ZB5AW33



ZB5AW13

Illuminated pushbuttons with flush push ⁽¹⁾

Shape of head	Description	Type of contact	Supply voltage V	Color of push	Reference	Weight kg/lb
		 NO  NC				

Complete units - With plain lens ⁽²⁾

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

	Direct supply for bulb with BA9s base fitting, 2.4 W max. (bulb not included)	1	1	≤ 250	White	XB5AW3165 (ZB5AW065 + ZB5AW31)	0.057/0.126
					Green	XB5AW3365 (ZB5AW065 + ZB5AW33)	0.057/0.126
					Red	XB5AW3465 (ZB5AW065 + ZB5AW34)	0.057/0.126
					Orange	XB5AW3565 (ZB5AW065 + ZB5AW35)	0.057/0.126

Heads only ⁽³⁾ - With plain lens ⁽²⁾

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

Illuminated pushbuttons with projecting push ⁽¹⁾

Shape of head	Type of push	Color	Reference	Weight kg/lb
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Heads only ⁽²⁾ - With plain lens ⁽³⁾

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

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

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

(3) To add customized markings on these references using the online customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm multiple-headed pushbuttons, spring return



XB5AL734155



ZB5AA7121



ZB5AL7341

Double-headed pushbuttons (1)

Shape of head	Description	Type of contact		Caps (2)		Reference	Weight kg/lb
		NO	NC	Marking	Background color		

Complete units

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

	1 flush push, black 1 projecting push, red	1	1	White "I"	Green	XB5AL73415	0.053/0.117
				White "O"	Red		

Compact push-in terminal connections

	1 flush push, black 1 projecting push, red	1	1	White "I"	Green	XB5AL734155 (ZB5AZ1055 + ZB5AL7341)	0.045/0.099
				White "O"	Red		

Heads only, circular, for screw clamp or compact push-in terminal connections

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

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

(2) These caps are factory assembled and cannot be removed (risk of damage).

(3) Caps to be ordered separately.

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm multiple-headed pushbuttons, spring return

Double-headed pushbuttons with 1 white central pilot light block ⁽¹⁾

Shape of head	Description	Type of contact		Caps ⁽²⁾		Pilot light voltage V	Reference	Weight kg/lb
				Marking	Background color			
		NO	NC					

Complete units

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

 	1 flush push, black 1 projecting push, red 1 central pilot light block, white	1	1	White "I"	Green	24	XB5AW73731B5	0.066/0.146
				White "O"	Red	120	XB5AW73731G5	0.066/0.146
						240	XB5AW73731M5	0.066/0.146



XB5AW73731●5

Heads only ⁽³⁾

 	2 flush push, black 1 central pilot light, clear ⁽⁴⁾			Unmarked	White		ZB5AW7A1720	0.023/0.051
				Unmarked	Black			
				Black "I"	White		ZB5AW7A1721	0.023/0.051
				White "O"	Black			
				Unmarked	Green		ZB5AW7A3740	0.023/0.051
				Unmarked	Red			
				White "I"	Green		ZB5AW7A3741	0.023/0.051
				White "O"	Red			
				Black "↑"	Green		ZB5AW7A1724	0.023/0.051
				White "↓"	Red			
	1 flush push, black 1 projecting push, red 1 central pilot light, clear ⁽⁴⁾			Black "+"	White		ZB5AW7A1715	0.023/0.051
				Black "-"	White			
				Without cap ⁽⁵⁾			ZB5AW7A9	0.023/0.051
				Unmarked	Green		ZB5AW7L3740	0.023/0.051
				Unmarked	Red			
				White "I"	Green		ZB5AW7L3741	0.023/0.051
				White "O"	Red			



ZB5AW7A1721



ZB5AW7A3741

⁽¹⁾ For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

⁽²⁾ These caps are factory assembled and cannot be removed (risk of damage).

⁽³⁾ For use with bodies comprising a light source with Universal LED only.

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

⁽⁵⁾ Caps to be ordered separately.

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm multiple-headed pushbuttons, spring return



XB5AA731327



ZB5AA71124



ZBA7235



ZBA7331



ZBA7432



ZBA709

Triple-headed pushbuttons ^{(1) (2)}

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

Shape of head	Description	Type of contact			Caps ⁽³⁾ Marking	Background color	Reference	Weight kg/lb
		NO	NC	NO				

Complete units

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

Heads only

	White "↑"	Green	ZB5AA73134	0.023/0.051
	White "↓"	Green		
	Black "—"	White		
	Black "→"	White	ZB5AA71123	
	White "←"	Black		
	Black "↑"	White	ZB5AA71124	
	White "↓"	Black		
	White "↑"	Black	ZB5AA72124	
	White "↓"	Black		
	Without cap ⁽⁴⁾		ZB5AA791	

Specific accessories for multiple-headed pushbuttons

Description	Marking	Background color	Sold in lots of	Reference	Weight kg/lb
Caps for clip-on mounting ⁽⁵⁾ only on: - ZB5AA79 double-headed pushbuttons - ZB5AW7A9 double-headed pushbuttons + central pilot light block - ZB5AA791 triple-headed pushbuttons	Unmarked	White	10	ZBA71	0.010/0.022
	Black "I"		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
	White "O"		10	ZBA7232	0.010/0.022
	White "↓"		10	ZBA7235	0.010/0.022
	White "I"		10	ZBA7237	0.010/0.022
	Unmarked	Green	10	ZBA73	0.010/0.022
	White "I"		10	ZBA7331	0.010/0.022
	White "↑"		10	ZBA7335	0.010/0.022
	Unmarked	Red	10	ZBA74	0.010/0.022
	White "O"		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 pushes ⁽⁶⁾	—	Clear	10	ZBA708	0.055/0.121
Silicone boots for 3 pushes ⁽⁶⁾	—		10	ZBA709	0.055/0.121
Silicone boots for 1 flush push and 1 projecting push ⁽⁶⁾	—		10	ZBA710	0.055/0.121

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

(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.

Control and signaling units

Harmony XB5 plastic
Diameter 22 mm mushroom head pushbuttons, spring
return



XB5AC21



ZB5AC24



ZB5AC2



ZB5AR4

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	XB5AC21 (ZB5AZ101 + ZB5AC2)	0.062/0.137
Heads only							
	Mushroom head			30/1.181	Black	ZB5AC24	0.027/0.060
					Green	ZB5AC34	0.027/0.060
					Red	ZB5AC44	0.027/0.060
					Yellow	ZB5AC54	0.027/0.060
					Blue	ZB5AC64	0.027/0.060
				40/1.575	Black	ZB5AC2	0.046/0.101
					Green	ZB5AC3	0.046/0.101
					Red	ZB5AC4	0.046/0.101
					Yellow	ZB5AC5	0.046/0.101
					Blue	ZB5AC6	0.046/0.101
				60/2.362	Black	ZB5AR2	0.065/0.143
					Green	ZB5AR3	0.065/0.143
					Red	ZB5AR4	0.065/0.143
					Yellow	ZB5AR5	0.065/0.143
					Blue	ZB5AR6	0.065/0.143

(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) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm mushroom head pushbuttons, latching



ZB5AT2



ZB5AS62



ZB5AS72



ZB5AW733

Mushroom head pushbuttons ⁽¹⁾ ⁽²⁾

Shape of head	Type of reset	Push Diameter Ø mm/in.	Color	Reference	Weight kg/lb
Heads only					
	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 455) (2 keys included with head) ⁽³⁾ ⁽⁴⁾	30/1.181	Black	ZB5AS72	0.040/0.088
		40/1.575	Black	ZB5AS12	0.044/0.097

Illuminated mushroom head pushbuttons ⁽²⁾

Shape of head	Type of reset	Push Diameter Ø mm/in.	Color	Reference	Weight kg/lb
Heads only ⁽⁵⁾					
	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⁾ For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

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

⁽⁴⁾ The symbol indicates key withdrawal position(s).

⁽⁵⁾ For use with bodies comprising a light source with Universal LED only.

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm Emergency stop and Emergency switching off functions

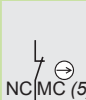
Emergency stop and Emergency switching off functions conforming to EN/IEC 60204-1, 60364-5-53, EN/ISO 13850, and Machinery Directive 2006/42/EC

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

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

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

Shape of head	Type of reset	Type of contact			Push	Color	Reference	Weight kg/lb
					Diameter Ø mm/in.			
		NO	NC	NC/MC (5)				
Complete units								
Screw clamp terminal connections (Schneider Electric anti-loosening system)								
	Push-pull	—	1	—	40/1.575	Red	XB5AT842 (ZB5AZ102 + ZB5AT84)	0.065/0.143
		1	1	—	40/1.575	Red	XB5AT845 (ZB5AZ105 + ZB5AT84)	0.076/0.168
	Turn to release	—	—	1	40/1.575	Red	XB5AS8446 (ZBE302 + ZB5AZ009 + ZB5AS844)	0.063/0.138
		—	1	—	40/1.575	Red	XB5AS8442 (ZB5AZ102 + ZB5AS844)	0.060/0.132
		1	1	—	40/1.575	Red	XB5AS8445 (ZB5AZ105 + ZB5AS844)	0.072/0.159
		—	2	—	40/1.575	Red	XB5AS8444 (ZB5AZ104 + ZB5AS844)	0.072/0.159
		—	1	1	40/1.575	Red	XB5AS84462 (ZBE302 + ZB5AZ102 + ZB5AS844)	0.075/0.165
	Key release (key 455)(3)	—	1	—	40/1.575	Red	XB5AS9442 (ZB5AZ102 + ZB5AS944)	0.075/0.165
		1	1	—	40/1.575	Red	XB5AS9445 (ZB5AZ105 + ZB5AS944)	0.112/0.247
Compact push-in terminal connections								
	Turn to release	—	1	—	40/1.575	Red	XB5AS84425 (ZB5AZ1025 + ZB5AS844)	0.055/0.121
		1	1	—	40/1.575	Red	XB5AS84455 (ZB5AZ1055 + ZB5AS844)	0.064/0.141
		—	2	—	40/1.575	Red	XB5AS84445 (ZB5AZ1045 + ZB5AS844)	0.064/0.141
Heads only, circular, for screw clamp or compact push-in terminal connections								
	Push-pull				30/1.181	Red	ZB5AT844	0.049/0.108
					40/1.575	Red	ZB5AT84	0.049/0.108
					60/2.362	Red	ZB5AX84	0.067/0.148
	Turn to release				30/1.181	Red	ZB5AS834	0.042/0.002
					40/1.575	Red	ZB5AS844	0.046/0.002
					60/2.362	Red	ZB5AS864	0.065/0.143
	Key release (key 455) (2 keys included with head) (3)(4)				30/1.181	Red	ZB5AS934	0.068/0.003
					40/1.575	Red	ZB5AS944	0.071/0.003
					60/2.362	Red	ZB5AS964	0.092/0.004
	Key release (key 4A185) (4)				40/1.575	Red	ZB5AS944D	0.071/0.003

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

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

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

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

(5) NC contact block with monitoring dedicated for Emergency stop head only.

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm illuminated rings for Emergency stop



ZBY9W2B330



ZBY9W3B140



ZBY9W2B501



ZBY9W101



ZBY9W2B101

Illuminated rings for Emergency stop ⁽¹⁾

Description	Marking	Signaling	Supply voltage	Color	Sold in lots of	Reference	Weight kg/lb
Ø 60 mm/2.362 in. illuminated ring for Emergency stop	EMERGENCY STOP	Fixed, red	24 V ~	Yellow	1	ZBY9W2B330	0.031/0.068
	ARRET D'URGENCE	Fixed, red	24 V ~	Yellow	1	ZBY9W2B130	0.031/0.068
	NOT HALT	Fixed, red	24 V ~	Yellow	1	ZBY9W2B230	0.031/0.068
	PARADA DE EMERGENCIA	Fixed, red	24 V ~	Yellow	1	ZBY9W2B430	0.031/0.068
	ARRESTO DI EMERGENZA	Fixed, red	24 V ~	Yellow	1	ZBY9W2B630	0.031/0.068
	-	Fixed, red	24 V ~	Yellow	1	ZBY9W2B140	0.031/0.068
	EMERGENCY STOP	Fixed, red	120 V ~	Yellow	1	ZBY9W2G330	0.031/0.068
	ARRET D'URGENCE	Fixed, red	120 V ~	Yellow	1	ZBY9W2G130	0.031/0.068
	NOT HALT	Fixed, red	120 V ~	Yellow	1	ZBY9W2G230	0.031/0.068
	PARADA DE EMERGENCIA	Fixed, red	120 V ~	Yellow	1	ZBY9W2G430	0.031/0.068
	ARRESTO DI EMERGENZA	Fixed, red	120 V ~	Yellow	1	ZBY9W2G630	0.031/0.068
	-	Fixed, red	120 V ~	Yellow	1	ZBY9W2G140	0.031/0.068
	EMERGENCY STOP	Fixed, red	230 V ~	Yellow	1	ZBY9W2M330	0.031/0.068
	ARRET D'URGENCE	Fixed, red	230 V ~	Yellow	1	ZBY9W2M130	0.031/0.068
	NOT HALT	Fixed, red	230 V ~	Yellow	1	ZBY9W2M230	0.031/0.068
	PARADA DE EMERGENCIA	Fixed, red	230 V ~	Yellow	1	ZBY9W2M430	0.031/0.068
	ARRESTO DI EMERGENZA	Fixed, red	230 V ~	Yellow	1	ZBY9W2M630	0.031/0.068
	-	Fixed, red	230 V ~	Yellow	1	ZBY9W2M140	0.031/0.068
	EMERGENCY STOP	Fixed, red + white	24 V ~	Yellow	1	ZBY9W3B330	0.031/0.068
	ARRET D'URGENCE	Fixed, red + white	24 V ~	Yellow	1	ZBY9W3B130	0.031/0.068
	NOT HALT	Fixed, red + white	24 V ~	Yellow	1	ZBY9W3B230	0.031/0.068
	PARADA DE EMERGENCIA	Fixed, red + white	24 V ~	Yellow	1	ZBY9W3B430	0.031/0.068
	ARRESTO DI EMERGENZA	Fixed, red + white	24 V ~	Yellow	1	ZBY9W3B630	0.031/0.068
	-	Fixed, red + white	24 V ~	Yellow	1	ZBY9W3B140	0.031/0.068

Illuminated ring without legend for customization (for use with ZBY9W101)

Description	Marking	Signaling	Supply voltage	Color	Sold in lots of	Reference	Weight kg/lb
Ø 60 mm/2.362 in., can be used with all Ø 22 mm/0.866 in. heads	Unmarked	Fixed, red	24 V ~	-	1	ZBY9W2B501	0.015/0.033
		Fixed, red + white	24 V ~	-	1	ZBY9W3B501	0.016/0.035

Customizable circular legend for illuminated ring without legend ⁽²⁾

Description	Reference	Weight kg/lb
Ø 60 mm/2.362 in.	ZBY9W101	0.004/0.009

Illuminated rings for mushroom head pushbuttons

Description	Marking	Signaling	Supply voltage	Color	Sold in lots of	Reference	Weight kg/lb
Ø 60 mm/2.362 in. illuminated ring	-	Fixed, red	24 V ~	Yellow	1	ZBY9W2B101	0.031/0.068
	-	Fixed, red	120 V ~	Yellow	1	ZBY9W2G101	0.031/0.068
	-	Fixed, red	230 V ~	Yellow	1	ZBY9W2M101	0.031/0.068
	-	Fixed, red + white	24 V ~	Yellow	1	ZBY9W3B101	0.031/0.068

(1) For compliance with standard EN/ISO 13850, paragraph 4.4.6, the Emergency stop function logo  has been added.(2) To create customized marking on this reference using the online customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm Emergency stop and Emergency switching off functions

Circular yellow legends for Emergency stop



ZBY9121



ZBY9420

Circular yellow legends for Emergency stop ⁽¹⁾

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

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, Machinery Directive 2006/42/EC, and 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.

Illuminated and non-illuminated Emergency stop and Emergency switching off pushbuttons with trigger action and mechanical latching

Shape of head	Type of reset	Signaling type	Type of contact	Supply voltage V	Diameter Ø mm/in.	Color of the push	Reference	Weight kg/lb
			NO NC					

Complete units

	Turn to release	Fixed white + fixed red, bi-color	1	1	24 ~	60/2.362	Red	ZB5AS84W3B5	0.107/0.236
			1	2	24 ~	60/2.362	Red	ZB5AS84W3B41	0.117/0.258

Heads only



Turn to release	—	—	60/2.362	Red	ZB5AS84W00	0.055/0.121
	Fixed, red	24 	60/2.362	Red	ZB5AS84W2B	0.055/0.121
	Fixed, red	120 	60/2.362	Red	ZB5AS84W2G	0.055/0.121
	Fixed, red	230 	60/2.362	Red	ZB5AS84W2M	0.055/0.121
	Fixed white + fixed red, bi-color	24 	60/2.362	Red	ZB5AS84W3B	0.055/0.121

Circular yellow legends for Emergency stop ZB5AS84W●● ⁽¹⁾

Description	Marking	Color	Sold in lots of	Reference	Weight kg/lb
Ø 90 mm/1.181 in. legend for Emergency stop function	EMERGENCY STOP	Yellow	10	ZBY8L330	0.055/0.121
	-	Yellow	10	ZBY8L140	0.055/0.121

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



XB5AS84W3B5



ZB5AS84W2B



ZBY8L330

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm Emergency stop and Emergency switching off functions

Circular yellow legends for Emergency stop

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, Machinery Directive 2006/42/EC, and 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.

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
Heads only ⁽²⁾					
	Push-pull ⁽¹⁾⁽³⁾ For Emergency stop and Emergency switching off function	40/1.575	Red	ZB5AT8643M	0.034/0.075



ZB5AT8643M



ZB5AT8643M330

Description	Conforming to standards	Marking on yellow background	Sold in lots of	Reference	Weight kg/lb
Illuminated Emergency stop function ZB5AT8643M with Ø 60 mm/2.362 in. legend plate	EN/IEC 60204-1 and EN/ISO 13850	-	10	ZB5AT8643M140	0.034/0.075
		ARRET D'URGENCE	10	ZB5AT8643M130	0.034/0.075
		EMERGENCY STOP	10	ZB5AT8643M330	0.034/0.075
		NOT HALT	10	ZB5AT8643M230	0.034/0.075
		PARADA DE EMERGENCIA	10	ZB5AT8643M430	0.034/0.075
		ARRESTO DI EMERGENZA	10	ZB5AT8643M630	0.034/0.075

Illuminated Emergency switching off function only, mechanical latching pushbuttons

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	ZB5AW743	0.022/0.049



ZB5AW743

Circular yellow legends for ZB5AW743

Diameter mm/in.	Conforming to standards	Marking on yellow background	Sold in lots of	Reference	Weight kg/lb
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
90/3.543	EN/IEC 60204-1 –	-	10	ZBY8101	0.008/0.018
		COUPURE D'URGENCE	10	ZBY8160	0.008/0.018



ZBY9360

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

(2) For use with bodies comprising a light source with Universal LED only.

(3) Cannot be used with metal guards ZBZ160.

Control and signaling units
Harmony XB5 plastic
Diameter 22 mm Emergency stop and Emergency
switching off functions
Circular yellow legends for Emergency stop

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, Machinery Directive 2006/42/EC, and 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.



XB5AS84449



XB5AS86449B4



ZBY9142

Emergency stop with monitoring 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		
Non-illuminated								
	Push-pull and Turn to release	1	2	–	40/1.575	Red	XB5AS84449	0.090/0.198
Illuminated (red)								
	Push-pull and Turn to release	1	2	24 	40/1.575	Red	XB5AS86449B4	0.094/0.207
Circular yellow legends for Emergency stop XB5AS84449 or XB5AS86449B4								
Description	Marking	Color		Sold in lots of	Reference	Weight kg/lb		
Ø 60 mm/ 2.362 in. legend for Emergency stop function	-	Yellow		5	ZBY9141	0.007/0.015		
	EMERGENCY STOP	Yellow		5	ZBY9142	0.007/0.015		

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm illuminated rings and circular yellow legends for mushroom head pushbuttons



ZBY9320



ZBY9360

Circular yellow legends for mushroom head pushbuttons ⁽¹⁾

Used for Emergency stop function ⁽¹⁾

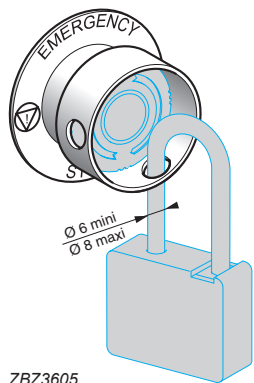
Diameter mm/in.	Conforming to standards	Marking on yellow background	Sold in lots of	Reference	Weight kg/lb
60/2.363	EN/IEC 60204-1	-	5	ZBY9121	0.007/0.015
		EMERGENCY STOP	5	ZBY9320	0.007/0.015
		ARRET D'URGENCE	5	ZBY9120	0.007/0.015
		NOT HALT	5	ZBY9220	0.007/0.015
		PARADA DE EMERGENCIA	5	ZBY9420	0.007/0.015
		ARRESTO DI EMERGENZA	5	ZBY9620	0.007/0.015
90/3.543	EN/IEC 60204-1 and EN/ISO 13850	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

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

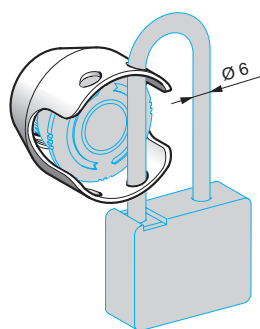
Control and signaling units

Harmony XB5 plastic

Diameter 22 mm accessories for pushbuttons



ZBZ3605



ZBZ160●



ZBZ1605



ZBY9330T

Accessories for mushroom head pushbuttons (5)

Description	Exclusive use with the following Ø 40 mm/1.575 in. trigger action pushbuttons	Color	Reference	Weight kg/lb
Padlocking kit (1) (2) for Emergency stop (3) and Emergency switching off function (4), padlockable	XB5AS844● XB5AS944● ZB5AS844 ZB5AS944●	Yellow	ZBZ3605	0.045/0.099
Metal guards for Emergency stop function, padlockable (2)	XB5AT8● XB5AS8● XB5AS9● ZB5AT8● ZB5AS8● ZB5AS9●	Chromium plated	ZBZ1600	0.046/0.101
		Black	ZBZ1602	0.046/0.101
		Red	ZBZ1604	0.046/0.101
		Yellow	ZBZ1605	0.046/0.101
		Blue	ZBZ1606	0.046/0.101

Description	Marking	Color	Reference	Weight kg/lb
Ø 60 mm/2.363 in. legend for padlocking device ZBZ3605 for Emergency stop function (3)	-	Yellow	ZBY9140T	0.004/0.009
	ARRET D'URGENCE	Yellow	ZBY9130T	0.004/0.009
	EMERGENCY STOP	Yellow	ZBY9330T	0.004/0.009
	NOT HALT	Yellow	ZBY9230T	0.004/0.009

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

(2) Standard circular legends are not compatible with this product. Use special legends [ZBY9●●●T](#).

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

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

(5) To add customized markings on these references using the online customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm accessories for pushbuttons



ZBY9330M

Circular yellow legends for metal guard ZBZ16●● (1)

Description	Marking	Color	Sold in lots of	Reference	Weight kg/lb
For Emergency stop function					
Ø 60 mm/2.362 in. legend for metal guard ZBZ16●●	Unmarked	Yellow	10	ZBY9140M	0.004/0.009
	ARRET D'URGENCE	Yellow	10	ZBY9130M	0.004/0.009
	EMERGENCY STOP	Yellow	10	ZBY9330M	0.004/0.009
	NOT HALT	Yellow	10	ZBY9230M	0.004/0.009
	PARADA DE EMERGENZA	Yellow	10	ZBY9430M	0.004/0.009
	NOODSTOP	Yellow	10	ZBY9530M	0.004/0.009
	ARRESTO DI EMERGENZA	Yellow	10	ZBY9630M	0.004/0.009
	NODSTOPP	Yellow	10	ZBY9730M	0.004/0.009
	NODSTOP	Yellow	10	ZBY9830M	0.004/0.009

For Emergency switching off function

Ø 60 mm/2.362 in. legend for metal guard ZBZ16●●	Unmarked	Yellow	10	ZBY9101M	0.004/0.009
	COUPURE D'URGENCE	Yellow	10	ZBY9160M	0.004/0.009
	EMERGENCY SWITCHING OFF	Yellow	10	ZBY9360M	0.004/0.009
	NOT AUS	Yellow	10	ZBY9260M	0.004/0.009
	DESCONEXION DE EMERGENCIA	Yellow	10	ZBY9460M	0.004/0.009



ZBY9360M

(1) To add customized markings on these references using the online customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm accessories for pushbuttons

Bellows for harsh environment



ZBZ2102



ZB4BZ1905



ZB4BZ2005



ZB4BZ64



ZBZ58

Other accessories

Description	For use with	Color	Reference	Weight kg/lb
Plastic guard	Selector switches and key switches	Black	ZBZ2102	0.005/0.011
		Yellow	Round guard 63.5 mm/2.5 in. ZB4BZ1905	0.042/0.093
	Emergency stop and Emergency switching off function	Yellow	Round guard 76.2 mm/3.0 in. ZB4BZ2105	0.058/0.128
		Yellow	Narrow flange guard ZB4BZ2005	0.032/0.071
Padlockable flaps	Flush type pushbuttons	Black	ZB4BZ62	0.076/0.168
		Red	ZB4BZ64	0.076/0.168
		Yellow	ZB4BZ65	0.076/0.168
		Blue	ZB4BZ66	0.076/0.168

Description	Material	For use with	Color	Sold in lots of	Unit reference	Weight kg/lb
Bellows seals for harsh environments (environments subject to humidity, dust, high-pressure cleaning, etc.) (1)	Silicone	Other functions	Black	2	ZBZ28	0.009/0.020
		Emergency stop/switching off function	Yellow	2	ZBZ58	0.009/0.020

Description	Application	Sold in lots of	Unit reference	Weight kg/lb
Boot for contact block ZBE10● and ZBE10●3 (2)	For protection against dusty environment	1	ZBZ60	0.098/0.216

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

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

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm general safe stops

Bellows for harsh environments

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 an Emergency stop and must not be associated with a yellow background. General safe stops comprise a yellow bezel and black head.



ZB5AS842Y

Shape of head	Type of reset	Push		Reference	Weight kg/lb
		Diameter Ø mm/in.	Color		
	Turn to release	40/1.575	Black	ZB5AS842Y	0.046/0.101

Bellows for harsh environments (2)



ZBZ58

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	Other functions	Black	2	ZBZ28	0.009/0.020
		Emergency stop/switching off function	Yellow	2	ZBZ58	0.009/0.020

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

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm large head pushbuttons with integrated bellows



ZB5AC680

Pushbuttons with integrated bellows				
Shape of head	Color of push	Marking Text (color)	Reference	Weight kg/lb
Heads only, Ø 37 mm/1.46 in., without marking				
Flush 	White	—	ZB5AC180	0.024/0.053
	Black	—	ZB5AC280	0.024/0.053
	Green	—	ZB5AC380	0.024/0.053
	Red	—	ZB5AC480	0.024/0.053
	Yellow	—	ZB5AC580	0.024/0.053
	Blue	—	ZB5AC680	0.024/0.053



ZB5AC48021

Heads only, Ø 37 mm/1.46 in., with marking (1)				
Flush 	Red	"O" (white)	ZB5AC48021	0.024/0.053
	Green	"I" (white)	ZB5AC38023	0.024/0.053
	Black	"⚠" (white)	ZB5AC28001	0.024/0.053



ZBZ1902

Accessories			
Description	Function	Reference	Weight kg/lb
Protective guard in plastic	Protection against accidental operation	ZBZ1902 (2)	0.010/0.022



ZBZ60

Boot for contact block ZBE10●, ZBE10●3, and ZBE50● (3)	Protection against liquid and dust ingress	ZBZ60	0.098/0.216
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Other versions	Customization with marking of your choice (texts or symbols) Rotation of head for horizontal mounting of the contact block (1) Please contact our Customer Care Center.
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(1) Heads are fixed relative to the position of the contact blocks: contact blocks are normally used in the "vertical" position. It is necessary to order an alternative head with the symbol rotated by 90° in order to mount the contact block in the "horizontal" position. Please add the suffix "RA" at the end of the product reference for alternative heads of your choice.

(2) For heads with the RA suffix (ZB4BC●●●●RA) used with a guard, it is necessary to order the dedicated guard ZBZ1902RA.

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

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm pushbuttons, push-push



ZB5AH03C0



ZB5AH04



ZB5AH4C0



ZB5AH083



ZB5AH063C0

Pushbuttons with flush push ⁽¹⁾

Shape of head	Type of push	Color of push	Reference		Weight kg/lb
			For black bezel	For gray bezel	
Heads only, circular					
	Flush	White	ZB5AH01	ZB5AH01C0	0.018/0.040
		Black	ZB5AH02	ZB5AH02C0	0.018/0.040
		Green	ZB5AH03	ZB5AH03C0	0.018/0.040
		Red	ZB5AH04	ZB5AH04C0	0.018/0.040
		Yellow	ZB5AH05	ZB5AH05C0	0.018/0.040
		Blue	ZB5AH06	ZB5AH06C0	0.018/0.040

Pushbuttons with projecting push ⁽¹⁾

Shape of head	Type of push	Color of push	Reference		Weight kg/lb
			For black bezel	For gray bezel	
Heads only, circular					
	Projecting	White	ZB5AH1	ZB5AH1C0	0.018/0.040
		Black	ZB5AH2	ZB5AH2C0	0.018/0.040
		Green	ZB5AH3	ZB5AH3C0	0.018/0.040
		Red	ZB5AH4	ZB5AH4C0	0.018/0.040
		Yellow	ZB5AH5	ZB5AH5C0	0.018/0.040
		Blue	ZB5AH6	ZB5AH6C0	0.018/0.040

Illuminated pushbuttons with flush push ⁽¹⁾

Shape of head	Type of push	Color of push	Reference		Weight kg/lb
			For black bezel	For gray bezel	
Heads only, circular (2) (3)					
	Projecting	White	ZB5AH013	ZB5AH013C0	0.017/0.037
		Green	ZB5AH033	ZB5AH033C0	0.017/0.037
		Red	ZB5AH043	ZB5AH043C0	0.018/0.040
		Orange	ZB5AH053	ZB5AH053C0	0.017/0.037
		Blue	ZB5AH063	ZB5AH063C0	0.017/0.037
		Yellow	ZB5AH083	ZB5AH083C0	0.017/0.037

Illuminated pushbuttons with projecting push ⁽¹⁾

Shape of head	Type of push	Color of push	Reference		Weight kg/lb
			For black bezel	For gray bezel	
Heads only, circular (2) (3)					
	Projecting	White	ZB5AH13	ZB5AH13C0	0.017/0.037
		Green	ZB5AH33	ZB5AH33C0	0.017/0.037
		Red	ZB5AH43	ZB5AH43C0	0.017/0.037
		Orange	ZB5AH53	ZB5AH53C0	0.017/0.037
		Blue	ZB5AH63	ZB5AH63C0	0.017/0.037
		Yellow	ZB5AH83	ZB5AH83C0	0.017/0.037

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see pages 26 to 29.

(2) For use with bodies comprising a light source with Universal LED only.

(3) To add customized markings on these references using the online customization tool, see page 5.

Control and signaling units

Harmony XB5 plastic
Diameter 22 mm pushbuttons, push-turn to release

Pushbuttons with push-turn to release (1)				
Shape of head	Type of push	Marking	Reference	Weight kg/lb
Heads only				
	 Knurled without cap (2)	—	ZB5AF	0.027/0.060
	Knurled with marked cap	↑ (white on black background)	ZB5AF351	0.030/0.066

ZB5AF

ZB5AF351

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see pages 26 to 29.
(2) Colored caps to be ordered separately (see page 41).

Control and signaling units

Harmony XB5 plastic

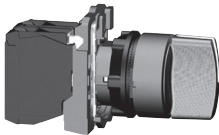
Diameter 22 mm selector switches with standard handle

Selector switches with standard handle (1)

Shape of head	Type of operator	Type of contact		Positions		Reference		Weight kg/lb
				Number	Type			
		NO	NC				For black bezel For gray bezel	

Complete units (2)

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

	Standard handle, black	1	–	2-position 90°	Stay put		XB5AD21 (3) (ZB5AZ101 + ZB5AD2)	XB5AD21C0 (ZB5AZ101 + ZB5AD2C0)	0.043/0.095
		1	–		Spring return from right to left		XB5AD41 (ZB5AZ101 + ZB5AD4)	XB5AD41C0 (ZB5AZ101 + ZB5AD4C0)	0.046/0.101
		1	1		Stay put		XB5AD25 (ZB5AZ105 + ZB5AD2)	XB5AD25C0 (ZB5AZ105 + ZB5AD2C0)	0.043/0.095
		2	–	3-position ± 45°	Stay put		XB5AD33 (ZB5AZ103 + ZB5AD3)	XB5AD33C0 (ZB5AZ103 + ZB5AD3C0)	0.043/0.095
					Spring return to center		XB5AD53 (ZB5AZ103 + ZB5AD5)	XB5AD53C0 (ZB5AZ103 + ZB5AD5C0)	0.043/0.095

Compact push-in terminal connections

	Standard handle, black	1	–	2-position 90°	Stay put		XB5AD215 (ZB5AZ1015 + ZB5AD2)	–	0.047/0.103
		1	–		Spring return from right to left		XB5AD415 (ZB5AZ1015 + ZB5AD4)	–	0.047/0.103
		1	1		Stay put		XB5AD255 (ZB5AZ1055 + ZB5AD2)	–	0.051/0.112
		2	–	3-position ± 45°	Stay put		XB5AD335 (ZB5AZ1035 + ZB5AD3)	–	0.051/0.112
					Spring return to center		XB5AD535 (ZB5AZ1035 + ZB5AD5)	–	0.051/0.112

Heads only, circular, for screw clamp or compact push-in terminal connections (2)

	Standard handle, black	2-position 90°		Stay put		ZB5AD2	ZB5AD2C0	0.017/0.037
				Spring return from right to left		ZB5AD4	ZB5AD4C0	0.020/0.044
		3-position ± 45°		Stay put		ZB5AD3	ZB5AD3C0	0.017/0.037
				Spring return to center		ZB5AD5	ZB5AD5C0	0.017/0.037
				Spring return from left to center		ZB5AD7	ZB5AD7C0	0.017/0.037
				Spring return from right to center		ZB5AD8	ZB5AD8C0	0.017/0.037

Heads only with other colored handles (2)

	Standard handle, white	Add suffix 01 to the reference, for example:	ZB5AD201	ZB5AD201C0
	Standard handle, green	Add suffix 03 to the reference, for example:	ZB5AD203	ZB5AD203C0
	Standard handle, red	Add suffix 04 to the reference, for example:	ZB5AD204	ZB5AD204C0
	Standard handle, yellow	Add suffix 05 to the reference, for example:	ZB5AD205	ZB5AD205C0
	Standard handle, blue	Add suffix 06 to the reference, for example:	ZB5AD206	ZB5AD206C0

(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

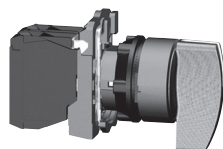
(2) To add customized markings on these references using the online customization tool, see [page 5](#).

(3) To order products with 1 NO and 1 NC contact, replace the last digit of the commercial reference with a 5. For example, **XB5AA21** becomes **XB5AA25**.

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm selector switches with long handle



ZB5AJ3

Selector switches with long handle ⁽¹⁾									
Screw clamp terminal connections (Schneider Electric anti-loosening system)									
Shape of head	Type of operator	Type of contact		Positions		Reference	Weight kg/lb		
				Number	Type				
							For black bezel	For gray bezel	
Complete units ⁽²⁾									
	Long handle, black	1	—	2-position 90°	Stay put		XB5AJ21 (ZB5AZ101 + ZB5AJ2)	XB5AJ21C0 (ZB5AZ101 + ZB5AJ2C0)	0.043/0.095
		2	—	3-position ± 45°	Stay put		XB5AJ33 (ZB5AZ103 + ZB5AJ3)	XB5AJ33C0 (ZB5AZ103 + ZB5AJ3C0)	0.043/0.095
				Spring return to center		XB5AJ53 (ZB5AZ103 + ZB5AJ5)	XB5AJ53C0 (ZB5AZ103 + ZB5AJ5C0)	0.043/0.095	
	Heads only ⁽²⁾								
	Long handle, black			2-position 90°	Stay put		ZB5AJ2	ZB5AJ2C0	0.017/0.037
					Spring return from right to left		ZB5AJ4	ZB5AJ4C0	0.020/0.044
				3-position ± 45°	Stay put		ZB5AJ3	ZB5AJ3C0	0.017/0.037
					Spring return to center		ZB5AJ5	ZB5AJ5C0	0.017/0.037
					Spring return from left to center		ZB5AJ7	ZB5AJ7C0	0.017/0.037
					Spring return from right to center		ZB5AJ8	ZB5AJ8C0	0.017/0.037

(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

(2) To add customized markings on these references using the online customization tool, see [page 5](#).

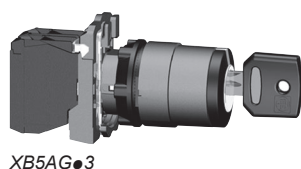
Control and signaling units

Harmony XB5 plastic

Diameter 22 mm key switches

Key 455, 8D1, 421E, 458A, 520E, or 3131A

Key switches ⁽¹⁾							
Shape Type of of head operator	Type of contact	Positions ⁽²⁾		Reference	Weight kg/lb		
		Number	Type				
							
	NO	NC		For black bezel	For gray bezel		
Complete units ⁽³⁾							
Screw clamp terminal connections (Schneider Electric anti-loosening system)							
 Key switch with key 455	1	—	2-position Stay put 90°		XB5AG21 (ZB5AZ101 + ZB5AG2)	XB5AG21C0 (ZB5AZ101 + ZB5AG2C0)	0.831/1.832
					XB5AG41 (ZB5AZ101 + ZB5AG4)	XB5AG41C0 (ZB5AZ101 + ZB5AG4C0)	0.831/1.832
					XB5AG61 (ZB5AZ101 + ZB5AG6)	XB5AG61C0 (ZB5AZ101 + ZB5AG6C0)	0.870/1.918
 XB5AG03C0	2	—	3-position Stay put ± 45°		XB5AG03 (ZB5AZ103 + ZB5AG0)	XB5AG03C0 (ZB5AZ103 + ZB5AG0C0)	0.831/1.832
					XB5AG33 (ZB5AZ103 + ZB5AG3)	XB5AG33C0 (ZB5AZ103 + ZB5AG3C0)	0.831/1.832



(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

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

(3) To add customized markings on these references using the online customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm key switches

Key 455, 8D1, 421E, 458A, 520E, or 3131A



XB5AG215



XB5AG035

Key switches (continued) (1)							
Shape	Type of head operator	Type of contact		Positions (2)		Reference	Weight kg/lb
				Number	Type		
		NO	NC			For black bezel	
Complete units (3)							
Compact push-in terminal connections							
	Key switch with key 455	1	—	2-position 90°	Stay put	 XB5AG215 (ZB5AZ1015 + ZB5AG2)	0.078/0.171
						 XB5AG415 (ZB5AZ1015 + ZB5AG4)	0.078/0.171
					Spring return to left	 XB5AG615 (ZB5AZ1015 + ZB5AG6)	0.078/0.171
		2	—	3-position ± 45°	Stay put	 XB5AG035 (ZB5AZ1035 + ZB5AG0)	0.086/0.189
					 XB5AG335 (ZB5AZ1035 + ZB5AG3)	0.086/0.189	

(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).
(2) The symbol  indicates key withdrawal position(s).
(3) To add customized markings on these references using the online customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm key switches

Key 455, 8D1, 421E, 458A, 520E, or 3131A

Key switches (continued) (1)

Shape of head	Type of operator	Positions (2)		Reference		Weight kg/lb		
		Number	Type	For black bezel	For gray bezel			
Heads only, circular, for screw clamp or compact push-in terminal connections (3)								
	Key switch with key 455 (4)	2-position	Stay put 90°	 ZB5AG2	ZB5AG2C0	0.057/0.126		
				 ZB5AG02	—	0.057/0.126		
				 ZB5AG4	ZB5AG4C0	0.057/0.126		
			Spring return from right to left	 ZB5AG6	ZB5AG6C0	0.061/0.134		
				3-position ± 45°	Stay put	 ZB5AG0	ZB5AG0C0	0.057/0.126
						 ZB5AG3	ZB5AG3C0	0.057/0.126
		 ZB5AG5	—			0.057/0.126		
		 ZB5AG9	ZB5AG9C0			0.057/0.126		
		 ZB5AG09	—			0.057/0.126		
			Spring return from left to center	 ZB5AG1	—	0.057/0.126		
				Spring return to center	 ZB5AG7	ZB5AG7C0	0.057/0.126	
					Spring return from right to center	 ZB5AG8	—	0.057/0.126
		 ZB5AG05	ZB5AG05C0			0.057/0.126		
		 ZB5AG08	ZB5AG08C0	0.057/0.126				

(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

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

(3) To add customized markings on these references using the online customization tool, see [page 5](#).

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

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm key switches with key 8D1

Selector switches with knurled knob, toggle switches



Key switches (continued) (1)

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

Shape of head	Type of operator	Positions (2)			Reference		Weight kg/lb
		Number	Type		For black bezel	For gray bezel	
	Key switch with key 8D1	2-position 90°	Stay put		ZB5AG2D	ZB5AG2DC0	0.057/0.126
					ZB5AG02D	—	0.057/0.126
					ZB5AG4D	ZB5AG4DC0	0.057/0.126
			Spring return from right to left		ZB5AG6D	—	0.061/0.134
		3-position ± 45°	Stay put		ZB5AG0D	—	0.057/0.126
					ZB5AG3D	—	0.057/0.126
					ZB5AG03D	—	0.057/0.126
			Spring return from left to center		ZB5AG07D	—	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			Reference		Weight kg/lb
		Number	Type		For black bezel	For gray bezel	
Heads only (3)							
	Black knurled knob	2-position 90°	Stay put		ZB5AD29	ZB5AD29C0	0.020/0.044
			Spring return from right to left		—	ZB5AD49C0	0.024/0.053
		3-position ± 45°	Stay put		ZB5AD39	ZB5AD39C0	0.020/0.044
			Spring return to center		ZB5AD59	ZB5AD59C0	0.020/0.044
			Spring return from left to center		—	ZB5AD79C0	0.020/0.044
			Spring return from right to center		—	ZB5AD89C0	0.020/0.044



Toggle switches (1)

Shape of head	Type of operator	Positions			Reference		Weight kg/lb
		Number	Type		For black bezel	For gray bezel	
Heads only (3)							
	Black lever	2-position 90°	Stay put		ZB5AD28	ZB5AD28C0	0.023/0.051
			Spring return		—	ZB5AD48C0	0.023/0.051
	White lever	2-position 90°	Stay put		ZB5AD2801	ZB5AD2801C0	0.023/0.051
	Red lever	2-position 90°	Stay put		ZB5AD2804	ZB5AD2804C0	0.023/0.051
	Blue lever	2-position 90°	Stay put		—	ZB5AD2806C0	0.023/0.051

(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).(2) The symbol  indicates key withdrawal position(s).(3) To add customized markings on these references using the online customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm illuminated selector switches with standard handle, with Universal LED

Illuminated selector switches with standard handle, with Universal LED ⁽¹⁾

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

Shape of head operator	Type of of head operator	Type of contact		Positions Number and type	Supply voltage V	Color of handle	Reference		Weight kg/lb	
		NO	NC				For black bezel	For gray bezel		
Complete units (2)										
  Universal for all color heads	Standard handle	1	1	2-position 24 ~ 90° Stay put 	24 ~ (50/60 Hz)	Green	XB5AK123B5 ZB5AW0B15 + ZB5AK1233	XB5AK123B5C0 (ZB5AW0B15 + ZB5AK1233C0)	0.516/1.138	
						Red	XB5AK124B5 (ZB5AW0B15 + ZB5AK1243)	XB5AK124B5C0 (ZB5AW0B15 + ZB5AK1243C0)	0.516/1.138	
						Orange	XB5AK125B5 (ZB5AW0B15 + ZB5AK1253)	XB5AK125B5C0 (ZB5AW0B15 + ZB5AK1253C0)	0.516/1.138	
						110...120 ~ (50/60 Hz)	Green	XB5AK123G5 (ZB5AW0G15 + ZB5AK1233)	XB5AK123G5C0 (ZB5AW0G15 + ZB5AK1233C0)	0.516/1.138
							Red	XB5AK124G5 (ZB5AW0G15 + ZB5AK1243)	XB5AK124G5C0 (ZB5AW0G15 + ZB5AK1243C0)	0.516/1.138
							Orange	XB5AK125G5 (ZB5AW0G15 + ZB5AK1253)	XB5AK125G5C0 (ZB5AW0G15 + ZB5AK1253C0)	0.516/1.138
						230...240 ~ (50/60 Hz)	Green	XB5AK123M5 (ZB5AW0M15 + ZB5AK1233)	XB5AK123M5C0 (ZB5AW0M15 + ZB5AK1233C0)	0.516/1.138
							Red	XB5AK124M5 (ZB5AW0M15 + ZB5AK1243)	XB5AK124M5C0 (ZB5AW0M15 + ZB5AK1243C0)	0.516/1.138
							Orange	XB5AK125M5 (ZB5AW0M15 + ZB5AK1253)	XB5AK125M5C0 (ZB5AW0M15 + ZB5AK1253C0)	0.516/1.138
	1	1	1	3-position 24 ~ ± 45° Stay put 	24 ~ (50/60 Hz)	Green	XB5AK133B5 (ZB5AW0B15 + ZB5AK1333)	XB5AK133B5C0 (ZB5AW0B15 + ZB5AK1333C0)	0.516/1.138	
						Red	XB5AK134B5 (ZB5AW0B15 + ZB5AK1343)	XB5AK134B5C0 (ZB5AW0B15 + ZB5AK1343C0)	0.516/1.138	
						Orange	XB5AK135B5 (ZB5AW0B15 + ZB5AK1353)	XB5AK135B5C0 (ZB5AW0B15 + ZB5AK1353C0)	0.516/1.138	
						110...120 ~ (50/60 Hz)	Green	XB5AK133G5 (ZB5AW0G15 + ZB5AK1333)	XB5AK133G5C0 (ZB5AW0G15 + ZB5AK1333C0)	0.516/1.138
							Red	XB5AK134G5 (ZB5AW0G15 + ZB5AK1343)	XB5AK134G5C0 (ZB5AW0G15 + ZB5AK1343C0)	0.516/1.138
							Orange	XB5AK135G5 (ZB5AW0G15 + ZB5AK1353)	XB5AK135G5C0 (ZB5AW0G15 + ZB5AK1353C0)	0.516/1.138
						230...240 ~ (50/60 Hz)	Green	XB5AK133M5 (ZB5AW0M15 + ZB5AK1333)	XB5AK133M5C0 (ZB5AW0M15 + ZB5AK1333C0)	0.516/1.138
							Red	XB5AK134M5 (ZB5AW0M15 + ZB5AK1343)	XB5AK134M5C0 (ZB5AW0M15 + ZB5AK1343C0)	0.516/1.138
							Orange	XB5AK135M5 (ZB5AW0M15 + ZB5AK1353)	XB5AK135M5C0 (ZB5AW0M15 + ZB5AK1353C0)	0.516/1.138

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see pages 26 to 29.

(2) To add customized markings on these references using the online customization tool, see page 5.

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm illuminated selector switches with standard handle, with Universal LED



ZB5AK1263



ZB5AK1313



ZB5AK1783

Illuminated selector switches with standard handle, with Universal LED (continued) ⁽¹⁾								
Shape of head	Type of operator	Positions		Color of handle	Reference		Weight kg/lb	
		Number	Type		For black bezel	For gray bezel		
Heads only ⁽²⁾ ⁽³⁾								
	Standard handle	2-position 90°	Stay put		White	ZB5AK1213	ZB5AK1213C0	0.016/0.035
					Green	ZB5AK1233	ZB5AK1233C0	0.016/0.035
					Red	ZB5AK1243	ZB5AK1243C0	0.016/0.035
					Orange	ZB5AK1253	ZB5AK1253C0	0.016/0.035
					Yellow	ZB5AK1283	ZB5AK1283C0	0.016/0.035
					Blue	ZB5AK1263	ZB5AK1263C0	0.016/0.035
		Spring return from right to left		White	ZB5AK1413	ZB5AK1413C0	0.017/0.037	
				Green	ZB5AK1433	ZB5AK1433C0	0.017/0.037	
				Red	ZB5AK1443	ZB5AK1443C0	0.017/0.037	
				Orange	ZB5AK1453	ZB5AK1453C0	0.017/0.037	
				Yellow	ZB5AK1483	ZB5AK1483C0	0.017/0.037	
				Blue	ZB5AK1463	ZB5AK1463C0	0.017/0.037	
	Universal for all color heads	3-position ± 45°	Stay put		White	ZB5AK1313	ZB5AK1313C0	0.016/0.035
					Green	ZB5AK1333	ZB5AK1333C0	0.016/0.035
					Red	ZB5AK1343	ZB5AK1343C0	0.016/0.035
					Orange	ZB5AK1353	ZB5AK1353C0	0.016/0.035
					Yellow	ZB5AK1383	ZB5AK1383C0	0.016/0.035
					Blue	ZB5AK1363	ZB5AK1363C0	0.016/0.035
		Spring return to center		White	ZB5AK1513	ZB5AK1513C0	0.016/0.035	
				Green	ZB5AK1533	ZB5AK1533C0	0.016/0.035	
				Red	ZB5AK1543	ZB5AK1543C0	0.016/0.035	
				Orange	ZB5AK1553	ZB5AK1553C0	0.016/0.035	
				Yellow	ZB5AK1583	ZB5AK1583C0	0.016/0.035	
				Blue	ZB5AK1563	ZB5AK1563C0	0.016/0.035	
Spring return from right to center		White	ZB5AK1813	ZB5AK1813C0	0.016/0.035			
		Green	ZB5AK1833	ZB5AK1833C0	0.016/0.035			
		Red	ZB5AK1843	ZB5AK1843C0	0.016/0.035			
		Orange	ZB5AK1853	ZB5AK1853C0	0.016/0.035			
		Yellow	ZB5AK1883	ZB5AK1883C0	0.016/0.035			
		Blue	ZB5AK1863	ZB5AK1863C0	0.016/0.035			
Spring return from left to center		White	ZB5AK1713	ZB5AK1713C0	0.016/0.035			
		Green	ZB5AK1733	ZB5AK1733C0	0.016/0.035			
		Red	ZB5AK1743	ZB5AK1743C0	0.016/0.035			
		Orange	ZB5AK1753	ZB5AK1753C0	0.016/0.035			
		Yellow	ZB5AK1783	ZB5AK1783C0	0.016/0.035			
		Blue	ZB5AK1763	ZB5AK1763C0	0.016/0.035			

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

(2) For use with bodies comprising a light source with Universal LED only.

(3) To add customized markings on these references using the online customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm pilot lights with Universal LED



XB5AVB1



XB5EVG3



XB5AVB45

Pilot lights with Universal LED					
Shape of head	Supply voltage V	Color	Reference for monolithic units	Reference for complete units	Weight kg/lb
Complete units (with plain lens)					
Screw clamp terminal connections (Schneider Electric anti-loosening system)					
 	24 ~ (50/60 Hz)	White	XB5EVB1	XB5AVB1 (ZB5AVB1 + ZB5AV013)	0.038/0.084
		Green	XB5EVB3	XB5AVB3 (ZB5AVB1 + ZB5AV033)	0.038/0.084
		Red	XB5EVB4	XB5AVB4 (ZB5AVB1 + ZB5AV043)	0.038/0.084
		Orange	XB5EVB5	XB5AVB5 (ZB5AVB1 + ZB5AV053)	0.038/0.084
		Blue	XB5EVB6	XB5AVB6 (ZB5AVB1 + ZB5AV063)	0.038/0.084
		Yellow	XB5EVB8	–	0.038/0.084
	110...120 ~ (50/60 Hz)	White	XB5EVG1	XB5AVG1 (ZB5AVG1 + ZB5AV013)	0.038/0.084
		Green	XB5EVG3	XB5AVG3 (ZB5AVG1 + ZB5AV033)	0.038/0.084
		Red	XB5EVG4	XB5AVG4 (ZB5AVG1 + ZB5AV043)	0.038/0.084
		Orange	XB5EVG5	XB5AVG5 (ZB5AVG1 + ZB5AV053)	0.038/0.084
		Blue	XB5EVG6	XB5AVG6 (ZB5AVG1 + ZB5AV063)	0.038/0.084
		Yellow	XB5EVG8	–	0.038/0.084
	230...240 ~ (50/60 Hz)	White	XB5EVM1	XB5AVM1 (ZB5AVM1 + ZB5AV013)	0.038/0.084
		Green	XB5EVM3	XB5AVM3 (ZB5AVM1 + ZB5AV033)	0.038/0.084
		Red	XB5EVM4	XB5AVM4 (ZB5AVM1 + ZB5AV043)	0.038/0.084
		Orange	XB5EVM5	XB5AVM5 (ZB5AVM1 + ZB5AV053)	0.038/0.084
		Blue	XB5EVM6	XB5AVM6 (ZB5AVM1 + ZB5AV063)	0.038/0.084
		Yellow	XB5EVM8	–	0.038/0.084
Compact push-in terminal connections					
 	24 ~ (50/60 Hz)	White	–	XB5AVB15 (ZBVB15 + ZB5AZ009 + ZB5AV013)	0.042/0.092
		Green	–	XB5AVB35 (ZBVB15 + ZB5AZ009 + ZB5AV033)	0.042/0.092
		Red	–	XB5AVB45 (ZBVB15 + ZB5AZ009 + ZB5AV043)	0.042/0.092
		Orange	–	XB5AVB55 (ZBVB15 + ZB5AZ009 + ZB5AV053)	0.042/0.092
		Blue	–	XB5AVB65 (ZBVB15 + ZB5AZ009 + ZB5AV063)	0.042/0.092
		Yellow	–	–	–

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm pilot lights with Universal LED



ZB5AV053

Pilot lights with Universal 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					
		Universal LED	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)

		Universal LED	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)

		Universal LED	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



ZB5AV083S



ZB5AV063S

(1) For use with bodies comprising a light source with Universal LED only.

(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 82](#).

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

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm pilot lights with Universal LED and with BA9s base fitting



XB5AV5B4



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

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

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



XB5AV63

Pilot lights with BA9s base fitting, with plain or grooved lens

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

Shape of head	Supply voltage V	Color	Reference	Weight kg/lb
Complete units - With plain lens				
	≤ 250	White	XB5AV61 (ZB5AV6 + ZB5AV01)	0.037/0.082
		Green	XB5AV63 (ZB5AV6 + ZB5AV03)	0.037/0.082
		Red	XB5AV64 (ZB5AV6 + ZB5AV04)	0.037/0.082
		Orange	XB5AV65 (ZB5AV6 + ZB5AV05)	0.037/0.082
	110...120 ~ (50/60 Hz)	White	XB5AV31 (ZB5AV3 + ZB5AV01)	0.109/0.240
		Green	XB5AV33 (ZB5AV3 + ZB5AV03)	0.109/0.240
		Red	XB5AV34 (ZB5AV3 + ZB5AV04)	0.109/0.240
		Orange	XB5AV35 (ZB5AV3 + ZB5AV05)	0.109/0.240
	230 ~ (50 Hz) 220...240 ~ (60 Hz)	White	XB5AV41 (ZB5AV4 + ZB5AV01)	0.110/0.243
		Green	XB5AV43 (ZB5AV4 + ZB5AV03)	0.110/0.243
		Red	XB5AV44 (ZB5AV4 + ZB5AV04)	0.110/0.243
		Orange	XB5AV45 (ZB5AV4 + ZB5AV05)	0.110/0.243
		White	XB5AV31 (ZB5AV3 + ZB5AV01)	0.109/0.240
		Green	XB5AV33 (ZB5AV3 + ZB5AV03)	0.109/0.240
		Red	XB5AV34 (ZB5AV3 + ZB5AV04)	0.109/0.240
		Orange	XB5AV35 (ZB5AV3 + ZB5AV05)	0.109/0.240



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				
	With BA9s base fitting	White	ZB5AV01	0.018/0.040
		Green	ZB5AV03	0.018/0.040
		Red	ZB5AV04	0.018/0.040
		Orange	ZB5AV05	0.018/0.040
		Blue	ZB5AV06	0.018/0.040
		Clear	ZB5AV07	0.018/0.040
■ With grooved lens (3)				
	With BA9s base fitting	White	ZB5AV01S	0.017/0.037
		Green	ZB5AV03S	0.017/0.037
		Red	ZB5AV04S	0.017/0.037
		Orange	ZB5AV05S	0.017/0.037
		Blue	ZB5AV06S	0.017/0.037
		Clear	ZB5AV07S	0.017/0.037



ZB5AV01

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

(2) For use with bodies comprising a light source with BA9s base fitting (incandescent, neon, or LED) only.

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

Control and signaling units

Harmony XB5 plastic
3-phase pilot light with Universal LED
Push-to-test pilot lights



XB5EV57K4



XB5EV57L4



XB5AW21B5



XB5AW25G5

3-phase pilot lights with Universal LED

Faston connector, 6.3 mm

Shape of head	Supply voltage V	Color	Reference	Weight kg/lb
Complete units - With plain lens				
	400 ~ (50/60 Hz)	Red Green Yellow	XB5EV57K4	0.065/0.143
	400 ~ (50/60 Hz)	White White White	XB5EV57L4	0.065/0.143

Push-to-test pilot light ⁽¹⁾

Shape of head	Supply voltage V	Color	Reference	Weight kg/lb
Complete units				
	24 ~ (50/60 Hz)	White	XB5AW21B5	0.047/0.104
	24 ~ (50/60 Hz)	Green	XB5AW23B5	0.047/0.104
	24 ~ (50/60 Hz)	Red	XB5AW24B5	0.047/0.104
	24 ~ (50/60 Hz)	Orange	XB5AW25B5	0.047/0.104
	24 ~ (50/60 Hz)	Yellow	XB5AW28B5	0.047/0.104
	24 ~ (50/60 Hz)	Blue	XB5AW26B5	0.047/0.104
	110 - 120 ~ (50/60 Hz)	White	XB5AW21G5	0.047/0.104
	110 - 120 ~ (50/60 Hz)	Green	XB5AW23G5	0.047/0.104
	110 - 120 ~ (50/60 Hz)	Red	XB5AW24G5	0.047/0.104
	110 - 120 ~ (50/60 Hz)	Orange	XB5AW25G5	0.047/0.104
	110 - 120 ~ (50/60 Hz)	Yellow	XB5AW28G5	0.047/0.104
	110 - 120 ~ (50/60 Hz)	Blue	XB5AW26G5	0.047/0.104

(1) For use with bodies comprising a light source with Universal LED only.

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm specific functions

Pushbuttons for manual overload reset, potentiometers



XB5AA801

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

Shape of head	Actuation distance mm/in.	Marking	Color	Reference	Weight kg/lb
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Without cap (1)

	17...120/ 0.669...4.724	—	—	XB5AA801	0.027/0.060
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With flush push

	17...120/ 0.669...4.724	Unmarked	Green	XB5AA831	0.027/0.060
			Red	XB5AA841	0.027/0.060
			Blue	XB5AA861	0.027/0.060
		O	Red	XB5AA84101	0.027/0.060
		R	Blue	XB5AA86102	0.027/0.060

With projecting push

	17...120/ 0.669...4.724	O	Red	XB5AL84101	0.027/0.060
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Complete potentiometer

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



XB5AD912R1K



XB5AD912R1K

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	ZB5AD912	0.032/0.071
		Ø 6.35 mm/ 0.250 in. shaft	ZB5AD922	0.032/0.071

(1) Colored cap to be ordered separately (see [page 74](#)).

(2) Potentiometer not included.

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm specific functions

Timers, hour counters, annunciators



XB5DTB22

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



XB5DSB

Hour counters			
Characteristics	Supply voltage V	Reference	Weight kg/lb
Indication 0...9999.9	12...24 V (50 or 60 Hz)	XB5DSB	0.045/0.099
	120 V (60 Hz)	XB5DSG	0.045/0.099
	230...240 V (50 Hz)	XB5DSM (1)	0.045/0.099



XB5KS2B4

Annunciators (IP66, IP67, and IP69)				
Characteristics	Supply voltage V	Color	Reference	Weight kg/lb
Continuous or intermittent non-illuminated buzzer - 90 dB, 6.8 kHz	24 V (50 or 60 Hz)	-	XB5KSB	0.024/0.053
	110...120 V (50 or 60 Hz)	-	XB5KSG	0.024/0.053
	230...240 V (50 or 60 Hz)	-	XB5KSM	0.024/0.053
Continuous or intermittent illuminated buzzer - 90 dB, 6.8 kHz	24 V (50 or 60 Hz)	Red	XB5KS2B4	0.024/0.053
	110...120 V (50 or 60 Hz)	Red	XB5KS2G4	0.024/0.053
	230...240 V (50 or 60 Hz)	Red	XB5KS2M4	0.024/0.053
	24 V (50 or 60 Hz)	Yellow	XB5KS2B8	0.024/0.053
	110...120 V (50 or 60 Hz)	Yellow	XB5KS2G8	0.024/0.053
	230...240 V (50 or 60 Hz)	Yellow	XB5KS2M8	0.024/0.053

(1) To order a 60 Hz hour counter, add a suffix 6. The reference **XB5DSM** becomes **XB5DSM6**.

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm specific functions

USB and RJ45 ports, fuse carrier, basic displays



USB and RJ45 ports

Description	Interface type	Connection type	Cover type Degree of protection	Reference	Weight kg/lb
Panel-mounted USB ports in 22.5 mm/0.886 in. hole with notch	USB interface, jack type A	USB port 3.0	Elastomer protection cover included	XB5PUSB3SP1	0.020/0.044
			IP20 (back), IP64, IP67 (front)		
			Metal screw protection cover included	XB5PUSB3SP2	0.027/0.060
			IP20 (back), IP66, IP67, IP69 (front)		
Panel-mounted RJ45 ports in 22.5 mm/0.886 in. hole with notch	Ethernet interface, RJ45 jack	RJ45 port Cat. 6	Elastomer protection cover included	XB5PRJ45SP1	0.028/0.062
			IP20 (back), IP64, IP67 (front)		
			Metal screw protection cover included	XB5PRJ45SP2	0.034/0.075
			IP20 (back), IP66, IP67, IP69 (front)		



Fuse carrier

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



Basic displays

Description	Input current range	LED color	Reference	Weight kg/lb
Digital panel meter LED display, 1 current input , - 999...9999	4...20 mA	Green	XBH1AA0G4	0.032/0.070
		Red	XBH1AA0R4	0.032/0.070



Control and signaling units

Harmony XB5 plastic
Diameter 22 mm specific functions
Joystick controllers



ZD5PA12

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
Sub-assemblies for joystick controllers				
2-direction	1 notch 1 NO contact per direction	Without	XD5PA12	0.060/0.132
		With	XD5PA22	0.060/0.132
4-direction	1 notch 1 NO contact per direction	Without	XD5PA14	0.077/0.170
		With	XD5PA24	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 mm/0.250 or 2 x 0.110 in.) Please contact our Customer Care Center.			

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

Control and signaling units

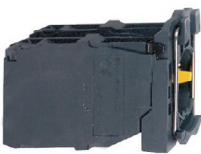
Harmony XB5 plastic

Diameter 22 mm specific functions

Joystick controllers



ZD5PA103



ZD5PA203

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

Description	For use with	Reference	Weight kg/lb
Sub-assemblies for joystick controllers			
Complete body/contact assemblies	2-direction	ZD5PA103	0.049/0.108
	4-direction	ZD5PA203	0.058/0.128
Complete head assemblies with operating shaft	2-direction, stay put	ZD5PA12	0.022/0.049
	2-direction, spring return to zero position	ZD5PA22	0.022/0.049
	4-direction, stay put	ZD5PA14	0.022/0.049
	4-direction, spring return to zero position	ZD5PA24	0.022/0.049
Other versions	Joystick controllers and complete body/contact assemblies for joystick controllers with Faston connector terminals (6.35 or 2 x 2.8 mm/0.250 or 2 x 0.110 in.) Please contact our Customer Care Center.		

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

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm accessories for heads

Unmarked pushbutton caps



ZBA4

Pushbutton caps, unmarked

Description	For use with	Type of push	Color	Sold in lots of	Unit reference	Weight kg/lb
For plastic pushbuttons						
Caps for plastic pushbuttons, unmarked	ZBABA0 and ZB5AA0 circular pushbutton heads supplied without cap	Flush	White	10	ZBA1	0.001/0.002
			Black	10	ZBA2	0.001/0.002
			Green	10	ZBA3	0.001/0.002
			Red	10	ZBA4	0.001/0.002
			Yellow	10	ZBA5	0.001/0.002
			Blue	10	ZBA6	0.001/0.002



ZBAF9

For flush mounted plastic pushbuttons (1)

Caps for flush mounted plastic pushbuttons, unmarked	ZB5FA0 circular pushbutton heads supplied without cap	Flush	White	10	ZBAF1	0.001/0.002
			Black	10	ZBAF2	0.001/0.002
			Green	10	ZBAF3	0.001/0.002
			Red	10	ZBAF4	0.001/0.002
			Yellow	10	ZBAF5	0.001/0.002
			Blue	10	ZBAF6	0.001/0.002
			6 colors (2)	1	ZBAF9	0.006/0.013

(1) To add customized markings on these references using the web customization tool, see [page 5](#).

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

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm accessories for heads

Pushbutton caps with markings



ZBA333

Pushbutton caps, with markings (1)						
For use with	Type of push	Marking		Color of cap	Unit reference	Weight kg/lb
		Text	Color			
Plastic pushbuttons						
ZB4BA0 and ZB5AA0 circular pushbutton heads supplied without cap (sold in lots of 10)	Flush	I (2)	White	Green	ZBA331	0.001/0.002
			Black	White	ZBA131	0.001/0.002
		II	White	Green	ZBA336	0.001/0.002
		START (2)	White	Green	ZBA333	0.001/0.002
		UP (2)	Black	White	ZBA343	0.001/0.002
		DOWN (2)	White	Black	ZBA344	0.001/0.002
		 (2)	White	Black	ZBA245	0.001/0.002
			Black	White	ZBA145	0.001/0.002
		↑ (3)	White	Black	ZBA335	0.001/0.002
			Black	White	ZBA334	0.001/0.002
		O (2)	White	Red	ZBA432	0.001/0.002
				Black	ZBA232	0.001/0.002
		STOP (2)	White	Red	ZBA434	0.001/0.002
				Black	ZBA234	0.001/0.002
		OFF	White	Red	ZBA435	0.001/0.002
			White	Green	ZBA346	0.001/0.002
		R (2)	White	Blue	ZBA639	0.001/0.002
		+	White	Black	ZBA2934	0.001/0.002
		–	White	Black	ZBA2935	0.001/0.002

(1) To add customized markings on these references using the web customization tool, see [page 5](#).

(2) Double injection molded marking.

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

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm accessories for heads

Boots, Lens caps



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	—	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	ZB5AP83	10	ZBP017	0.003/0.007

Lens caps

For use with	Color	Sold in lots of	Unit reference	Weight kg/lb
Circular lens caps for light sources with Universal LED				
Pilot lights	White	10	ZBV0113	0.002/0.004
	Green	10	ZBV0133	0.002/0.004
	Red	10	ZBV0143	0.002/0.004
	Orange	10	ZBV0153	0.002/0.004
	Blue	10	ZBV0163	0.002/0.004
Circular lens caps for light sources with BA 9s fitting				
Pilot lights	White	10	ZBV011	0.002/0.004
	Green	10	ZBV013	0.002/0.004
	Red	10	ZBV014	0.002/0.004
	Orange	10	ZBV015	0.002/0.004
	Blue	10	ZBV016	0.002/0.004
	Clear	10	ZBV017	0.002/0.004



ZBV0153



ZBV016

(1) For boots for multiple-headed pushbuttons, see page 41.

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

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm 8 x 27 mm legends with 30 x 40 mm legend holders



ZBZ34



ZBYH101

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		For black bezel	For gray bezel ⁽²⁾	
Without legend	–	–	10	ZBZ32	ZBZ32C0	0.001/0.002
With blank legend (for engraving)	Black or red	–	10	ZBY2101	ZBY2101C0	0.002/0.004
	White or yellow	–	10	ZBY4101	ZBY4101C0	0.002/0.004
With 8 x 27 mm/ 0.315 x 1.063 in. legend (with international marking)	Black or red (3)	I	10	ZBY2147	–	0.002/0.004
		O-I	10	ZBY2178	ZBY2178C0	0.002/0.004
		I-II	10	ZBY2179	–	0.002/0.004
		I-O-II	10	ZBY2186	ZBY2186C0	0.002/0.004
		STOP	10	ZBY2304	ZBY2304C0	0.002/0.004
With 8 x 27 mm/ 0.315 x 1.063 in. legend (with French language marking)	Black or red (3)	ARRET (red background)	10	ZBY2104	ZBY2104C0	0.002/0.004
		ARRET-MARCHE	10	ZBY2166	ZBY2166C0	0.002/0.004
		AUTO-MAIN	10	ZBY2164	–	0.002/0.004
		AUTO-O-MAIN	10	ZBY2185	–	0.002/0.004
		DEFAULT (black background)	10	ZBY2134	–	0.002/0.004
		DEFAULT (red background)	10	ZBY2135	–	0.002/0.004
		DESCENTE	10	ZBY2108	–	0.002/0.004
		EN SERVICE	10	ZBY2111	–	0.002/0.004
		FERMETURE	10	ZBY2114	–	0.002/0.004
		MARCHE	10	ZBY2103	ZBY2103C0	0.002/0.004
		MONTEE	10	ZBY2107	–	0.002/0.004
		OUVERTURE	10	ZBY2113	–	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
	Red	ARRET D'URGENCE	10	ZBY2130 ⁽⁴⁾	–	0.002/0.004

(1) For legends, see [page 81](#).(2) To add customized markings on these references using the web customization tool, see [page 5](#).

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

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

ZBZ32



ZBY2101



ZBY2104C0



ZBY4140



ZBY2107

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm 8 x 27 mm legends with 30 x 40 mm legend holders

Standard 30 x 40 mm legend holders with 8 x 27 mm legends ⁽¹⁾ (continued)						
Description	Legend		Sold in lots of	Reference		Weight kg/lb
	Color	Marking		For black bezel	For gray bezel ⁽²⁾	
With legend (with English language marking)	Black or red background ⁽¹⁾	AUTO-HAND	10	ZBY2364	—	0.002/0.004
		AUTO-O-HAND	10	ZBY2385	—	0.002/0.004
		CLOSE	10	ZBY2314	—	0.002/0.004
		FORWARD	10	ZBY2305	—	0.002/0.004
		OFF	10	ZBY2312	—	0.002/0.004
		OFF-ON	10	ZBY2367	ZBY2367C0	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
		RUN	10	ZBY2334	—	0.002/0.004
		START	10	ZBY2303	ZBY2303C0	0.002/0.004
		STOP-START	10	ZBY2366	—	0.002/0.004
		Red background EMERGENCY STOP	10	ZBY2330 ⁽³⁾	—	0.002/0.004
		AUTO-HAND	10	ZBY2364	—	0.002/0.004
		AUTO-O-HAND	10	ZBY2385	—	0.002/0.004



ZBY2303



ZBY2228

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

(2) To add customized markings on these references using the web customization tool, see [page 5](#).

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

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm 30 x 40 mm legend plates



ZBYP2101



ZBYM2303

Standard 30 x 40 mm legend plates

Description	Marking (1)	Sold in lots of	Unit Reference		Weight kg/lb
			For black bezel	For gray bezel (2)	
Legend plate, plastic	-	10	ZBYP2101	ZBYP2101C0	0.001/0.002
	O-I	10	ZBYP2178	ZBYP2178C0	0.001/0.002
	STOP	10	ZBYP2304	ZBYP2304C0	0.001/0.002
	START	10	ZBYP2303	ZBYP2303C0	0.001/0.002
	MARCHE	10	ZBYP2103	ZBYP2103C0	0.001/0.002
	I-O-II	10	ZBYP2186	ZBYP2186C0	0.001/0.002
	OFF-ON	10	ZBYP2367	ZBYP2367C0	0.001/0.002
	ARRET-MARCHE	10	ZBYP2166	ZBYP2166C0	0.001/0.002
	ARRET	10	ZBYP2104	ZBYP2104C0	0.001/0.002
Legend plate, metal	-	10	ZBYM2101	-	0.004/0.009
	O-I	10	ZBYM2178	-	0.004/0.009
	STOP	10	ZBYM2304	-	0.004/0.009
	START	10	ZBYM2303	-	0.004/0.009
	MARCHE	10	ZBYM2103	-	0.004/0.009
	I-O-II	10	ZBYM2186	-	0.004/0.009
	OFF-ON	10	ZBYM2367	-	0.004/0.009
	ARRET-MARCHE	10	ZBYM2166	-	0.004/0.009
	ARRET	10	ZBYM2104	-	0.004/0.009

(1) Black marking for metal references, white marking for standard references.

(2) To add customized markings on these references through web customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm Legend holders for 18 x 27 mm legends, 18 x 27 mm legends for engraving



ZBZ33

Standard 30 x 50 mm legend holders for 18 x 27 mm legends					
Description	Background color	Sold in lots of	Unit reference		Weight kg/lb
			For black bezel	For gray bezel (1)	
Without legend	–	10	ZBZ33	ZBZ33C0	0.001/0.002
With blank legend	Black or red	10	ZBY6101	ZBY6101C0	0.002/0.004
	White or yellow	10	ZBY6102	ZBY6102C0	0.002/0.004



ZBY6101

30 x 50 mm legend holder (flush mounting with bezel) for 18 x 27 mm legends					
Description	Background color	Sold in lots of	Unit reference		Weight kg/lb
			For black bezel	For gray bezel (1)	
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

30 x 50 mm legend plates

Description	Sold in lots of	Unit reference		Weight kg/lb
		For black bezel	For gray bezel (1)	
Legend plate, plastic	10	ZBYP6101	ZBYP6101C0	0.001/0.002
Legend plate, metal	10	ZBYM6101	–	0.006/0.013



ZBYP6101



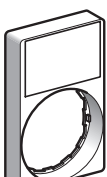
ZBYM6101

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



ZBZ35



ZBY6H101

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

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) To add customized markings on these references using the web customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm, Legends 8 x 27 mm



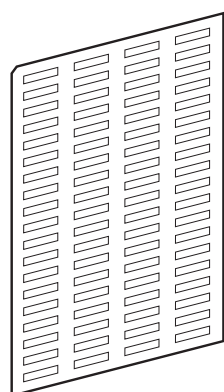
ZBY0101



ZBY02304

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

Language	Background color	Marking	Sold in lots of	Reference	Weight kg/lb
Without	Black or red	–	10	ZBY0101 (1)	0.001/0.002
	White or yellow	–	10	ZBY0102 (1)	0.001/0.002
International	Black or red (2)	O-I	10	ZBY02178	0.001/0.002
		STOP	10	ZBY02304	0.001/0.002
French	Black or red (2)	AUTO-O-MAIN	10	ZBY02185	0.001/0.002
		MARCHE	10	ZBY02103	0.001/0.002
		SOUS TENSION	10	ZBY02126	0.001/0.002



ZBY4100

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

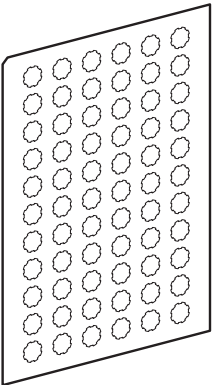
Description	For use with	Sold in lots of	Unit reference	Weight kg/lb
Sheet of 76 legends Ø 8 x 27 mm/ 0.315 x 1.063 in.	Ø 30 x 40 mm/1.181 x 1.575 in. legend holder ZBZ32 and ZBZ34	10	ZBY4100	0.043/0.095

(1) To add customized markings on these references using the web customization tool, see [page 5](#).

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

Control and signaling units

Harmony XB5 plastic
Diameter 22 mm legends for insertion, printing,
or pre-printed, circular



ZBY1101

Legends for XB5A pushbuttons, illuminated pushbuttons, and pilot lights					
Description	Language	Marking	Sold in lots of	Unit reference	Weight kg/lb
Sheets of 66 circular peel-off, transparent, self-adhesive legends	–	Unmarked	10	ZBY1101	0.017/0.037
	International	I	10	ZBY1147	0.017/0.037

Control and signaling units

Harmony XB5 plastic

Diameter 22 mm accessories for pushbuttons



ZB5SZ3



ZB5SZ3C0



ZB5AZ026

Other accessories (continued)						
Description	For use with	Color	Sold in lots of	Unit reference		Weight kg/lb
				For black bezel	For gray bezel	
Plastic blanking plug (with fixing nut)	Circular Ø 22 mm/0.866 in. control and signaling units	Black	10	ZB5SZ3	ZB5SZ3C0 (1)	0.009/0.020
		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	10	ZB4BZ007	—	0.010/0.022
		Black	10	ZB4BZ0077	—	0.010/0.022
Ø 30 mm/1.181 in. plastic flush mounting kit	Pushbuttons and pilot lights	Black	1	ZB5AZ021	—	0.006/0.013
	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	Pushbuttons and pilot lights	Black	1	ZB5AZ023	—	0.007/0.015
	Selector switches and illuminated pushbuttons	Black	1	ZB5AZ024	—	0.008/0.018
Ø 30 mm/1.181 in. plastic flush mounting kit with 2-line legend	Pushbuttons and pilot lights	Black	1	ZB5AZ025	—	0.007/0.015
	Selector switches and illuminated pushbuttons	Black	1	ZB5AZ026	—	0.009/0.020

(1) To add customized markings on these references using the web customization tool, see [page 5](#).

Harmony XB5

flush mounted, Ø 30 mm

Control and signaling units

Harmony XB5 plastic

Diameter 30 mm flush mounted, spring return pushbuttons, unmarked



XB5FA31



XB5FA51C0



ZB5FA0



ZB5FA9



ZB5FA4



ZB5FA3M33



ZB5FA66

Flush mounted pushbuttons with flush push for Ø 30 mm ⁽¹⁾

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

Shape of head	Type of push	Type of contact		Marking on bezel Text (color)	Color of push	Reference		Weight kg/lb
		 NO	 NC			For black bezel	For gray bezel	
Complete units (2)								
	Flush	1	—	—	White	XB5FA11 (ZB5AZ101 + ZB5FA1)	XB5FA11C0 (ZB5AZ101 + ZB5FA1C0)	0.037/0.082
					Black	XB5FA21 (ZB5AZ101 + ZB5FA2)	XB5FA21C0 (ZB5AZ101 + ZB5FA2C0)	0.037/0.082
					Green	XB5FA31 (ZB5AZ101 + ZB5FA3)	XB5FA31C0 (ZB5AZ101 + ZB5FA3C0)	0.037/0.082
					Yellow	XB5FA51 (ZB5AZ101 + ZB5FA5)	XB5FA51C0 (ZB5AZ101 + ZB5FA5C0)	0.037/0.082
					Blue	XB5FA61 (ZB5AZ101 + ZB5FA6)	XB5FA61C0 (ZB5AZ101 + ZB5FA6C0)	0.037/0.082
		—	1	—	Red	XB5FA42 (ZB5AZ102 + ZB5FA4)	XB5FA42C0 (ZB5AZ102 + ZB5FA4C0)	0.037/0.082
Heads only, circular (2)								
	Without cap (3)				—	ZB5FA0	ZB5FA0C0	0.022/0.049
	Flush, with set of 6 colored caps				—	6 colors (4) ZB5FA9	ZB5FA9C0	0.027/0.060
	Flush			—	White	ZB5FA1	ZB5FA1C0	0.018/0.040
					Black	ZB5FA2	ZB5FA2C0	0.018/0.040
					Green	ZB5FA3	ZB5FA3C0	0.018/0.040
					Red	ZB5FA4	ZB5FA4C0	0.018/0.040
					Yellow	ZB5FA5	ZB5FA5C0	0.018/0.040
					Blue	ZB5FA6	ZB5FA6C0	0.018/0.040
					Gray	ZB5FA8	ZB5FA8C0	0.018/0.040
	Flush with transparent cap for insertion of legend (5)			—	White	ZB5FA18	ZB5FA18C0	0.018/0.040
					Green	ZB5FA38	ZB5FA38C0	0.018/0.040
					Red	ZB5FA48	ZB5FA48C0	0.018/0.040
					Yellow	ZB5FA58	ZB5FA58C0	0.018/0.040
					Blue	ZB5FA68	ZB5FA68C0	0.018/0.040

Heads only with marked bezel

	Flush	"START" (White)	Green	ZB5FA3M33	—	0.018/0.040
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Flush mounted pushbutton with recessed push for Ø 30 mm ⁽¹⁾ High guard

Shape of head	Type of push	Color	Reference		Weight kg/lb
			For black bezel	For gray bezel	
Heads only, circular (2)					
	Recessed (high guard)	White	ZB5FA16	ZB5FA16C0	0.020/0.044
		Black	ZB5FA26	ZB5FA26C0	0.020/0.044
		Green	ZB5FA36	ZB5FA36C0	0.020/0.044
		Red	ZB5FA46	ZB5FA46C0	0.020/0.044
		Yellow	ZB5FA56	ZB5FA56C0	0.020/0.044
		Blue	ZB5FA66	ZB5FA66C0	0.020/0.044

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).(2) To add customized markings on these references using the web customization tool, see [page 5](#).(3) Colored cap to be ordered separately, see [page 100](#).

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

(5) For legend ordering information, see [page 104](#).

Control and signaling units

Harmony XB5 plastic
Diameter 30 mm flush mounted spring return
pushbuttons, unmarked



XB5FL42



XB5FL42C0



ZB5FL4



ZB5FL4M34

Flush mounted pushbuttons with projecting push for Ø 30 mm ⁽¹⁾								
Screw clamp terminal connections (Schneider Electric anti-loosening system)								
Shape of head	Type of push	Type of contact		Marking on bezel Text (color)	Color of push	Reference		Weight kg/lb
		 NO	 NC			For black bezel	For gray bezel	
Complete units ⁽²⁾								
	Projecting	—	1		Red	XB5FL42 (ZB5AZ102 + ZB5FL4)	XB5FL42C0 (ZB5AZ102 + ZB5FL4C0)	0.038/0.084
Heads only, circular ⁽²⁾								
	Projecting				White	ZB5FL1	—	0.019/0.042
					Black	ZB5FL2	ZB5FL2C0	0.019/0.042
					Green	ZB5FL3	ZB5FL3C0	0.019/0.042
					Red	ZB5FL4	ZB5FL4C0	0.019/0.042
					Yellow	ZB5FL5	ZB5FL5C0	0.019/0.042
					Blue	ZB5FL6	ZB5FL6C0	0.019/0.042
Heads only with marked bezel								
	Projecting			"STOP" (White)	Red	ZB5FL4M34	—	0.019/0.042

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see pages 26 to 29.

(2) To add customized markings on these references using the web customization tool, see page 5.

Control and signaling units

Harmony XB5 plastic

Diameter 30 mm flush mounted spring return pushbuttons, with marking



XB5FA4322



XB5FA3341C0



ZB5FA331



ZB5FA432



ZB5FL232

Flush mounted pushbuttons with flush or projecting push for Ø 30 mm ⁽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
								
						For black bezel	For gray bezel	
Complete units (2)								
	Flush	1	–	“I” (white)	Green	XB5FA3311 (ZB5AZ101 + ZB5FA331)	XB5FA3311C0 (ZB5AZ101 + ZB5FA331C0)	0.037/0.082
	Flush	–	1	“O” (white)	Red	XB5FA4322 (ZB5AZ102 + ZB5FA432)	XB5FA4322C0 (ZB5AZ102 + ZB5FA432C0)	0.037/0.082
	Projecting	–	1	“O” (white)	Red	XB5FL4322 (ZB5AZ102 + ZB5FL432)	–	0.037/0.082
	Flush (3)	1	–	↑ (black)	White	XB5FA3341 (ZB5AZ101 + ZB5FA334)	XB5FA3341C0 (ZB5AZ101 + ZB5FA334C0)	0.037/0.082
	Flush (3)	1	–	↓ (white)	Black	XB5FA3351 (ZB5AZ101 + ZB5FA335)	XB5FA3351C0 (ZB5AZ101 + ZB5FA335C0)	0.037/0.082
Heads only, circular (2)								
	Flush			“I” (white)	Green	ZB5FA331	ZB5FA331C0	0.018/0.040
				“I” (black)	White	ZB5FA131	–	0.018/0.040
				“II” (white)	Green	ZB5FA336	–	0.018/0.040
				“II” (black)	White	ZB5FA136	–	0.018/0.040
				“START” (white)	Green	ZB5FA333	–	0.018/0.040
				“START” (black)	White	ZB5FA133	–	0.018/0.040
				“ON” (white)	Green	ZB5FA341	–	0.018/0.040
				“ON” (black)	White	ZB5FA141	–	0.018/0.040
				“MARCHE” (white)	Green	ZB5FA342	–	0.018/0.040
				“MARCHE” (black)	White	ZB5FA142	–	0.018/0.040
				 (white)	Black	ZB5FA245	–	0.018/0.040
				 (black)	White	ZB5FA145	–	0.018/0.040
				“O” (white)	Red	ZB5FA432	ZB5FA432C0	0.018/0.040
					Black	ZB5FA232	–	0.018/0.040
				“ARRET” (white)	Red	ZB5FA433	–	0.018/0.040
					Black	ZB5FA233	–	0.018/0.040
				“STOP” (white)	Red	ZB5FA434	ZB5FA434C0	0.018/0.040
					Black	ZB5FA234	–	0.018/0.040
				“OFF” (white)	Red	ZB5FA435	–	0.018/0.040
					Black	ZB5FA235	–	0.018/0.040
				UP (black)	White	ZB5FA343	–	0.018/0.040
				DOWN (white)	Black	ZB5FA344	–	0.018/0.040
				↑ (black) (2)	White	ZB5FA334	ZB5FA334C0	0.018/0.040
				↓ (white) (2)	Black	ZB5FA335	ZB5FA335C0	0.018/0.040
Heads only, circular (2)								
	Projecting (3)			“O” (white)	Red	ZB5FL432	ZB5FL432C0	0.019/0.042
					Black	ZB5FL232	–	0.019/0.042
				“ARRET” (white)	Red	ZB5FL433	–	0.019/0.042
				“STOP” (white)	Red	ZB5FL434	–	0.019/0.042
					Black	ZB5FL234	–	0.019/0.042
				“OFF” (white)	Red	ZB5FL435	–	0.019/0.042
					Black	ZB5FL235	–	0.019/0.042

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

(2) To add customized markings on these references using the web customization tool, see [page 5](#)

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

Control and signaling units

Harmony XB5 plastic

Diameter 30 mm flush mounted illuminated pushbuttons, spring return, with Universal LED



XB5FW31B5



XB5FW34G5

Flush mounted illuminated pushbuttons with flush push for Ø 30 mm ⁽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					
						For black bezel	For gray bezel	
Complete units - With plain lens ⁽²⁾								
	Universal LED	1	1	24  50/60 Hz	White	XB5FW31B5 (ZB5AW0B15 + ZB5FW313)	XB5FW31B5C0 (ZB5AW0B15 + ZB5FW313C0)	0.056/0.123
					Green	XB5FW33B5 (ZB5AW0B15 + ZB5FW333)	XB5FW33B5C0 (ZB5AW0B15 + ZB5FW333C0)	0.056/0.123
					Red	XB5FW34B5 (ZB5AW0B15 + ZB5FW343)	XB5FW34B5C0 (ZB5AW0B15 + ZB5FW343C0)	0.056/0.123
					Orange	XB5FW35B5 (ZB5AW0B15 + ZB5FW353)	XB5FW35B5C0 (ZB5AW0B15 + ZB5FW353C0)	0.056/0.123
					Blue	XB5FW36B5 (ZB5AW0B15 + ZB5FW363)	XB5FW36B5C0 (ZB5AW0B15 + ZB5FW363C0)	0.056/0.123
	Universal LED	1	1	110...120  50/60 Hz	White	XB5FW31G5 (ZB5AW0G15 + ZB5FW313)	XB5FW31G5C0 (ZB5AW0G15 + ZB5FW313C0)	0.056/0.123
					Green	XB5FW33G5 (ZB5AW0G15 + ZB5FW333)	XB5FW33G5C0 (ZB5AW0G15 + ZB5FW333C0)	0.056/0.123
					Red	XB5FW34G5 (ZB5AW0G15 + ZB5FW343)	XB5FW34G5C0 (ZB5AW0G15 + ZB5FW343C0)	0.056/0.123
					Orange	XB5FW35G5 (ZB5AW0G15 + ZB5FW353)	XB5FW35G5C0 (ZB5AW0G15 + ZB5FW353C0)	0.056/0.123
					Blue	XB5FW36G5 (ZB5AW0G15 + ZB5FW363)	XB5FW36G5C0 (ZB5AW0G15 + ZB5FW363C0)	0.056/0.123
	Universal LED	1	1	230...240  50/60 Hz	White	XB5FW31M5 (ZB5AW0M15 + ZB5FW313)	XB5FW31M5C0 (ZB5AW0M15 + ZB5FW313C0)	0.056/0.123
					Green	XB5FW33M5 (ZB5AW0M15 + ZB5FW333)	XB5FW33M5C0 (ZB5AW0M15 + ZB5FW333C0)	0.056/0.123
					Red	XB5FW34M5 (ZB5AW0M15 + ZB5FW343)	XB5FW34M5C0 (ZB5AW0M15 + ZB5FW343C0)	0.056/0.123
					Orange	XB5FW35M5 (ZB5AW0M15 + ZB5FW353)	XB5FW35M5C0 (ZB5AW0M15 + ZB5FW353C0)	0.056/0.123
					Blue	XB5FW36M5 (ZB5AW0M15 + ZB5FW363)	XB5FW36M5C0 (ZB5AW0M15 + ZB5FW363C0)	0.056/0.123

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

(2) To add customized markings on these references using the web customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 30 mm flush mounted illuminated pushbuttons, spring return, with Universal LED



ZB5FW313



ZB5FW333C0



ZB5FW343C0



ZB5FW933

Flush mounted illuminated pushbuttons with flush push for Ø 30 mm (continued) ⁽¹⁾					
Shape of head	Type of push	Color	Reference		Weight kg//lb
			For black bezel	For gray bezel	
Heads only, circular ⁽²⁾ - With plain lens ⁽³⁾					
  Universal for all color heads	Flush	White	ZB5FW313	ZB5FW313C0	0.017/0.037
		Green	ZB5FW333	ZB5FW333C0	0.017/0.037
		Red	ZB5FW343	ZB5FW343C0	0.017/0.037
		Orange	ZB5FW353	ZB5FW353C0	0.017/0.037
		Yellow	ZB5FW383	ZB5FW383C0	0.017/0.037
		Blue	ZB5FW363	ZB5FW363C0	0.017/0.037
  Universal for all color heads	Flush with illuminated ring	White	ZB5FW913	—	0.016/0.035
		Green	ZB5FW933	—	0.016/0.035
		Red	ZB5FW943	—	0.016/0.035
		Orange	ZB5FW953	—	0.016/0.035
		Yellow	ZB5FW983	—	0.016/0.035
		Blue	ZB5FW963	—	0.016/0.035
  Universal for all color heads	Flush for insertion of legend ⁽⁴⁾ (IP69 K)	White	ZB5FA18	ZB5FA18C0	0.018/0.040
		Green	ZB5FA38	ZB5FA38C0	0.018/0.040
		Red	ZB5FA48	ZB5FA48C0	0.018/0.040
		Orange	ZB5FA58	ZB5FA58C0	0.018/0.040
		Blue	ZB5FA68	ZB5FA68C0	0.018/0.040

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

(2) For use with bodies comprising a light source with Universal LED only.

(3) To add customized markings on these references using the web customization tool, see [page 5](#).

(4) For legend ordering information, see [page 105](#).

Control and signaling units

Harmony XB5 plastic

Diameter 30 mm flush mounted illuminated pushbuttons, spring return, with Universal LED

Flush mounted illuminated pushbuttons with projecting push for Ø 30 mm ⁽¹⁾

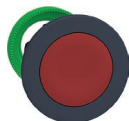
Shape of head	Type of push	Color	Reference		Weight kg/lb
			For black bezel	For gray bezel	
Heads only, circular - With plain lens (2)					
 	Projecting	White	ZB5FW113	ZB5FW113C0	0.018/0.040
		Green	ZB5FW133	ZB5FW133C0	0.018/0.040
		Red	ZB5FW143	ZB5FW143C0	0.018/0.040
		Orange	ZB5FW153	ZB5FW153C0	0.018/0.040
		Yellow	ZB5FW183	ZB5FW183C0	0.018/0.040
		Blue	ZB5FW163	ZB5FW163C0	0.018/0.040

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).(2) To add customized markings on these references using the web customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 30 mm flush mounted pushbuttons, push-push



ZB5FH04

Flush mounted pushbuttons with flush push for Ø 30 mm ⁽¹⁾					
Shape of head	Type of push	Color of push	Reference		Weight kg/lb
			For black bezel	For gray bezel	
Heads only, circular ⁽³⁾					
	Without cap ⁽²⁾	–	ZB5FH0	ZB5FH0C0	0.018/0.040
	Flush	White	ZB5FH01	ZB5FH01C0	0.018/0.040
		Black	ZB5FH02	ZB5FH02C0	0.018/0.040
		Green	ZB5FH03	ZB5FH03C0	0.018/0.040
		Red	ZB5FH04	ZB5FH04C0	0.018/0.040
		Yellow	ZB5FH05	ZB5FH05C0	0.018/0.040
		Blue	ZB5FH06	ZB5FH06C0	0.018/0.040z

Flush mounted pushbuttons with projecting push for Ø 30 mm ⁽¹⁾					
Shape of head	Type of push	Color of push	Reference		Weight kg/lb
			For black bezel	For gray bezel	
Heads only, circular ⁽³⁾					
	Projecting	White	ZB5FH1	ZB5FH1C0	0.018/0.040
		Black	ZB5FH2	ZB5FH2C0	0.018/0.040
		Green	ZB5FH3	ZB5FH3C0	0.018/0.040
		Red	ZB5FH4	ZB5FH4C0	0.018/0.040
		Yellow	ZB5FH5	ZB5FH5C0	0.018/0.040
		Blue	ZB5FH6	ZB5FH6C0	0.018/0.040



ZB5FH5C0

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

(2) Caps to be ordered separately, see [page 100](#).

(3) To add customized markings on these references using the web customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 30 mm flush mounted pushbuttons, push-push



ZB5FH063

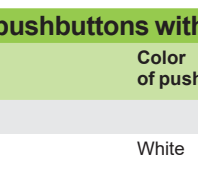


Flush mounted illuminated pushbuttons with flush push for Ø 30 mm ⁽¹⁾					
Shape of head	Type of push	Color of push	Reference		Weight kg/lb
Heads only, circular ⁽²⁾ ⁽³⁾					
 	Flush	White	ZB5FH013	ZB5FH013C0	0.017/0.037
		Green	ZB5FH033	ZB5FH033C0	0.017/0.037
		Red	ZB5FH043	ZB5FH043C0	0.017/0.037
		Orange	ZB5FH053	ZB5FH053C0	0.017/0.037
		Yellow	ZB5FH083	ZB5FH083C0	0.017/0.037
		Blue	ZB5FH063	ZB5FH063C0	0.017/0.037



ZB5FH83C0



Flush mounted illuminated pushbuttons with projecting push for Ø 30 mm ⁽¹⁾					
Shape of head	Type of push	Color of push	Reference		Weight kg/lb
For black bezel					
For gray bezel					
Heads only, circular ⁽²⁾ ⁽³⁾					
	Projecting	White	ZB5FH13	ZB5FH13C0	0.017/0.037
		Green	ZB5FH33	ZB5FH33C0	0.017/0.037
		Red	ZB5FH43	ZB5FH43C0	0.017/0.037
		Orange	ZB5FH53	ZB5FH53C0	0.017/0.037
		Yellow	ZB5FH83	ZB5FH83C0	0.017/0.037
		Blue	ZB5FH63	ZB5FH63C0	0.017/0.037

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

(2) For use with bodies comprising a light source with universal LED only.

(3) To add customized markings on these references using the web customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 30 mm flush mounted selector switches with standard handle



XB5FD33



XB5FD33C0



ZB5FD2



ZB5FD2M178



ZB5FD203

Flush mounted selector switches with standard handle for Ø 30 mm ⁽¹⁾

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

Shape of head operator	Type of contact	Marking on bezel	Positions			Reference		Weight kg/lb	
			Text (color)	Number Type		For black bezel	For gray bezel		
									
	NO	NC							
Complete units (2)									
	Standard handle, black	1	–	2-position 90°	Stay put		XB5FD21 (ZB5AZ101 + ZB5FD2)	XB5FD21C0 (ZB5AZ101 + ZB5FD2C0)	0.043/0.095
		1	–		Spring return from right to left		XB5FD41 (ZB5AZ101 + ZB5FD4)	XB5FD41C0 (ZB5AZ101 + ZB5FD4C0)	0.046/0.101
		1	1		Stay put		XB5FD25 (ZB5AZ105 + ZB5FD2)	XB5FD25C0 (ZB5AZ105 + ZB5FD2C0)	0.043/0.095
		2	–	3-position ± 45°	Stay put		XB5FD33 (ZB5AZ103 + ZB5FD3)	XB5FD33C0 (ZB5AZ103 + ZB5FD3C0)	0.043/0.095
					Spring return to center		XB5FD53 (ZB5AZ103 + ZB5FD5)	XB5FD53C0 (ZB5AZ103 + ZB5FD5C0)	0.043/0.095
Heads only (2)									
	Standard handle, black		2-position 90°	Stay put		ZB5FD2	ZB5FD2C0	0.017/0.037	
				Spring return from right to left		ZB5FD4	ZB5FD4C0	0.020/0.044	
			3-position ± 45°	Stay put		ZB5FD3	ZB5FD3C0	0.017/0.037	
				Spring return to center		ZB5FD5	ZB5FD5C0	0.017/0.037	
				Spring return from left to center		ZB5FD7	ZB5FD7C0	0.017/0.037	
				Spring return from right to center		ZB5FD8	ZB5FD8C0	0.017/0.037	
				Heads only with marked bezel					
Standard handle, black		"O" and "I" (White)	2-position 90°	Stay put		ZB5FD2M178		0.017/0.037	
Heads only with other colored handles (2)									
	Standard handle, white			Add suffix 01 to the reference, for example:		ZB5FD201	ZB5FD201C0		
	Standard handle, green			Add suffix 03 to the reference, for example:		ZB5FD203	ZB5FD203C0		
	Standard handle, red			Add suffix 04 to the reference, for example:		ZB5FD204	ZB5FD204C0		
	Standard handle, yellow			Add suffix 05 to the reference, for example:		ZB5FD205	ZB5FD205C0		
	Standard handle, blue			Add suffix 06 to the reference, for example:		ZB5FD206	ZB5FD206C0		

(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).(2) To add customized markings on these references using the web customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 30 mm flush mounted selector switches with long handle



XB5FJ21



ZB5FJ3

Flush mounted selector switches with long handle for Ø 30 mm ⁽¹⁾

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

Screw clamp terminal connections (Selector Electric and Locking system)									
Shape of head	Type of operator	Type of contact		Positions Number	Type		Reference		Weight kg/lb
		NO	NC				For black bezel	For gray bezel	
Complete units (2)									
	Long handle, black	1	—	2-position 90°	Stay put		XB5FJ21 (ZB5AZ101 + ZB5FJ2)	XB5FJ21C0 (ZB5AZ101 + ZB5FJ2C0)	0.043/0.095
		2	—	3-position ± 45°	Stay put		XB5FJ33 (ZB5AZ103 + ZB5FJ3)	XB5FJ33C0 (ZB5AZ103 + ZB5FJ3C0)	0.043/0.095
					Spring return to center		XB5FJ53 (ZB5AZ103 + ZB5FJ5)	XB5FJ53C0 (ZB5AZ103 + ZB5FJ5C0)	0.043/0.095
Heads only (2)									
	Long handle, black			2-position 90°	Stay put		ZB5FJ2	ZB5FJ2C0	0.017/0.037
					Spring return from right to left		ZB5FJ4	ZB5FJ4C0	0.020/0.044
					Stay put		ZB5FJ3	ZB5FJ3C0	0.017/0.037
				3-position ± 45°	Spring return to center		ZB5FJ5	ZB5FJ5C0	0.017/0.037
					Spring return from left to center		ZB5FJ7	ZB5FJ7C0	0.017/0.037
					Spring return from right to center		ZB5FJ8	ZB5FJ8C0	0.017/0.037

(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

(2) To add customized markings on these references using the web customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 30 mm flush mounted key switches with key 455



XB5FG21



XB5FG21C0



ZB5FG2

Flush mounted key switches for Ø 30 mm ⁽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		For black bezel (4)	For gray bezel	
Complete units									
	Key switch with key 455	1	—	2-position 90°	Stay put		XB5FG21 (ZB5AZ101 + ZB5FG2)	XB5FG21C0 (ZB5AZ101 + ZB5FG2C0)	0.831/1.832
							XB5FG41 (ZB5AZ101 + ZB5FG4)	XB5FG41C0 (ZB5AZ101 + ZB5FG4C0)	0.831/1.832
						Spring return to left		XB5FG61 (ZB5AZ101 + ZB5FG6)	XB5FG61C0 (ZB5AZ101 + ZB5FG6C0)
		2	—	3-position ± 45°	Stay put		XB5FG03 (ZB5AZ103 + ZB5FG0)	XB5FG03C0 (ZB5AZ103 + ZB5FG0C0)	0.831/1.832
							XB5FG33 (ZB5AZ103 + ZB5FG3)	XB5FG33C0 (ZB5AZ103 + ZB5FG3C0)	0.831/1.832
						Heads only			
	Key switch with key 455 (3)			2-position 90°	Stay put		ZB5FG2 (4)	ZB5FG2C0	0.057/0.126
							ZB5FG02	—	0.057/0.126
							ZB5FG4 (4)	ZB5FG4C0	0.057/0.126
				3-position ± 45°	Stay put		ZB5FG6 (4)	ZB5FG6C0	0.061/0.134
							ZB5FG0 (4)	ZB5FG0C0	0.057/0.126
							ZB5FG3	—	0.057/0.126
							ZB5FG5	—	0.057/0.126
							ZB5FG9	—	0.057/0.126
							ZB5FG09	—	0.057/0.126
				Spring return from left to center	Spring return to center		ZB5FG1	—	0.057/0.126
							ZB5FG7 (4)	ZB5FG7C0	0.057/0.126
							ZB5FG8	—	0.057/0.126
				Spring return from right to center			ZB5FG05 (4)	ZB5FG05C0	0.057/0.126
							ZB5FG08 (4)	ZB5FG08C0	0.057/0.126
									

(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

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

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

(4) To add customized markings on these references using the web customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 30 mm flush mounted key switches with key 8D1

Flush mounted selector switches with knurled knob



ZB5FG09D

Flush mounted key switches for Ø 30 mm (continued) (1)

Shape of head	Type of operator	Positions (2)			Reference		Weight kg/lb
		Number	Type		For black bezel	For gray bezel	
	Key switch with key 8D1	2-position 90°	Stay put		ZB5FG2D	—	0.069/0.152
					ZB5FG02D	—	0.069/0.152
					ZB5FG4D	—	0.069/0.152
		3-position ± 45°	Spring return from right to left		ZB5FG6D	—	0.069/0.152
					ZB5FG0D	—	0.069/0.152
					ZB5FG3D	—	0.069/0.152
			Stay put		ZB5FG5D	—	0.069/0.152
					ZB5FG9D	—	0.069/0.152
					ZB5FG09D	—	0.069/0.152
			Spring return from left to center		ZB5FG1D	—	0.069/0.152
					ZB5FG7D	—	0.069/0.152
					ZB5FG8D	—	0.069/0.152
		3-position ± 45°	Spring return from right to center		ZB5FG05D	—	0.069/0.152
					ZB5FG08D	—	0.069/0.152
					ZB5FG03D	—	0.069/0.152
			Stay put		ZB5FG04D	—	0.069/0.152
					ZB5FG06D	—	0.069/0.152
					ZB5FG07D	—	0.069/0.152



ZB5FD29



ZB5FD29C0

Flush mounted selector switches with knurled knob for Ø 30 mm (1)

Shape of head	Type of operator	Positions (2)			Reference		Weight kg/lb
		Number	Type		For black bezel	For gray bezel	
Heads only (3)							
	Black knurled knob	2-position 90°	Stay put	↘	ZB5FD29	ZB5FD29C0	0.034/0.075
			Spring return from right to left	↙	ZB5FD49	ZB5FD49C0	0.034/0.075
		3-position ± 45°	Stay put	↕	ZB5FD39	ZB5FD39C0	0.034/0.075
			Spring return to center	↕↕	ZB5FD59	ZB5FD59C0	0.034/0.075
			Spring return from left to center	↙↕	ZB5FD79	ZB5FD79C0	0.034/0.075
			Spring return from right to center	↕↘	ZB5FD89	ZB5FD89C0	0.034/0.075

(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar and contact) associated with the head, see [pages 26 to 29](#).

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

(3) To add customized markings on these references using the web customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 30 mm flush mounted illuminated selector switches with standard handle, with Universal LED

Flush mounted illuminated selector switches with standard handle, with Universal LED for Ø 30 mm ⁽¹⁾												
Screw clamp terminal connections (Schneider Electric anti-loosening system)												
Shape	Type of head operator	Type of contact		Positions Number and type	Supply voltage V	Color of handle	Reference		Weight kg/lb			
		NO	NC				For black bezel	For gray bezel				
Complete units ⁽²⁾												
 Standard handle	 UN Universal for all color heads	1	1	2-position 90° Stay put ↙	24 ~ (50/60 Hz)	Green	XB5FK123B5 (ZB5AW0B15 + ZB5FK1233)	XB5FK123B5C0 (ZB5AW0B15 + ZB5FK1233C0)	0.516/1.138			
						Red	XB5FK124B5 (ZB5AW0B15 + ZB5FK1243)	XB5FK124B5C0 (ZB5AW0B15 + ZB5FK1243C0)	0.516/1.138			
						Orange	XB5FK125B5 (ZB5AW0B15 + ZB5FK1253)	XB5FK125B5C0 (ZB5AW0B15 + ZB5FK1253C0)	0.516/1.138			
					110...120 ~ (50/60 Hz)	Green	XB5FK123G5 (ZB5AW0G15 + ZB5FK1233)	XB5FK123G5C0 (ZB5AW0G15 + ZB5FK1233C0)	0.516/1.138			
						Red	XB5FK124G5 (ZB5AW0G15 + ZB5FK1243)	—	0.516/1.138			
						Orange	XB5FK125G5 (ZB5AW0G15 + ZB5FK1253)	—	0.516/1.138			
				230...240 ~ (50/60 Hz)	Green	XB5FK123M5 (ZB5AW0M15 + ZB5FK1233)	XB5FK123M5C0 (ZB5AW0M15 + ZB5FK1233C0)	0.516/1.138				
					Red	XB5FK124M5 (ZB5AW0M15 + ZB5FK1243)	XB5FK124M5C0 (ZB5AW0M15 + ZB5FK1243C0)	0.516/1.138				
					Orange	XB5FK125M5 (ZB5AW0M15 + ZB5FK1253)	XB5FK125M5C0 (ZB5AW0M15 + ZB5FK1253C0)	0.516/1.138				
					1	1	3-position ± 45° Stay put ↘	24 ~ (50/60 Hz)	Green	XB5FK133B5 (ZB5AW0B15 + ZB5FK1333)	XB5FK133B5C0 (ZB5AW0B15 + ZB5FK1333C0)	0.516/1.138
									Red	XB5FK134B5 (ZB5AW0B15 + ZB5FK1343)	—	0.516/1.138
									Orange	XB5FK135B5 (ZB5AW0B15 + ZB5FK1353)	—	0.516/1.138
110...120 ~ (50/60 Hz)	Green	XB5FK133G5 (ZB5AW0G15 + ZB5FK1333)	—	0.516/1.138								
	Red	XB5FK134G5 (ZB5AW0G15 + ZB5FK1343)	—	0.516/1.138								
	Orange	XB5FK135G5 (ZB5AW0G15 + ZB5FK1353)	—	0.516/1.138								
230...240 ~ (50/60 Hz)	Green	XB5FK133M5 (ZB5AW0M15 + ZB5FK1333)	XB5FK133M5C0 (ZB5AW0M15 + ZB5FK1333C0)	0.516/1.138								
	Red	XB5FK134M5 (ZB5AW0M15 + ZB5FK1343)	—	0.516/1.138								
	Orange	XB5FK135M5 (ZB5AW0M15 + ZB5FK1353)	—	0.516/1.138								

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see pages 26 to 29.

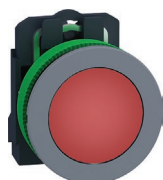
(2) To add customized markings on these references using the web customization tool, see page 5.

Control and signaling units

Harmony XB5 plastic

Diameter 30 mm flush mounted pilot lights with
Universal LED

XB5FVB1



XB5FVB4C0



XB5FVG3

Flush mounted pilot lights with Universal LED for Ø 30 mm ⁽¹⁾

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

Shape of head	Supply voltage V	Color	Reference		Weight kg/lb
			For black bezel	For gray bezel	
Complete units (with plain lens)					
	24 ~ (50/60 Hz)	White	XB5FVB1 (ZB5AVB1 + ZB5FV013)	XB5FVB1C0 (ZB5AVB1 + ZB5FV013C0)	0.038/0.084
		Green	XB5FVB3 (ZB5AVB1 + ZB5FV033)	XB5FVB3C0 (ZB5AVB1 + ZB5FV033C0)	0.038/0.084
		Red	XB5FVB4 (ZB5AVB1 + ZB5FV043)	XB5FVB4C0 (ZB5AVB1 + ZB5FV043C0)	0.038/0.084
		Orange	XB5FVB5 (ZB5AVB1 + ZB5FV053)	XB5FVB5C0 (ZB5AVB1 + ZB5FV053C0)	0.038/0.084
		Blue	XB5FVB6 (ZB5AVB1 + ZB5FV063)	XB5FVB6C0 (ZB5AVB1 + ZB5FV063C0)	0.038/0.084
	110...120 ~ (50/60 Hz)	White	XB5FVG1 (ZB5AVG1 + ZB5FV013)	XB5FVG1C0 (ZB5AVG1 + ZB5FV013C0)	0.038/0.084
		Green	XB5FVG3 (ZB5AVG1 + ZB5FV033)	XB5FVG3C0 (ZB5AVG1 + ZB5FV033C0)	0.038/0.084
		Red	XB5FVG4 (ZB5AVG1 + ZB5FV043)	XB5FVG4C0 (ZB5AVG1 + ZB5FV043C0)	0.038/0.084
		Orange	XB5FVG5 (ZB5AVG1 + ZB5FV053)	XB5FVG5C0 (ZB5AVG1 + ZB5FV053C0)	0.038/0.084
		Blue	XB5FVG6 (ZB5AVG1 + ZB5FV063)	XB5FVG6C0 (ZB5AVG1 + ZB5FV063C0)	0.038/0.084
	230...240 ~ (50/60 Hz)	White	XB5FVM1 (ZB5AVM1 + ZB5FV013)	XB5FVM1C0 (ZB5AVM1 + ZB5FV013C0)	0.038/0.084
		Green	XB5FVM3 (ZB5AVM1 + ZB5FV033)	XB5FVM3C0 (ZB5AVM1 + ZB5FV033C0)	0.038/0.084
		Red	XB5FVM4 (ZB5AVM1 + ZB5FV043)	XB5FVM4C0 (ZB5AVM1 + ZB5FV043C0)	0.038/0.084
		Orange	XB5FVM5 (ZB5AVM1 + ZB5FV053)	XB5FVM5C0 (ZB5AVM1 + ZB5FV053C0)	0.038/0.084
		Blue	XB5FVM6 (ZB5AVM1 + ZB5FV063)	XB5FVM6C0 (ZB5AVM1 + ZB5FV063C0)	0.038/0.084

(1) To add customized markings on these references using the web customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Diameter 30 mm flush mounted pilot lights with
Universal LED

ZB5FV043



ZB5FV083C0

Flush mounted pilot lights with Universal LED for Ø 30 mm (continued) (1)

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

Heads only, circular (2)

Shape of head	For use with body comprising light source type	Color of lens	Reference		Weight kg/lb
			For black bezel	For gray bezel	
■ With plain lens					
 	Universal LED	White	ZB5FV013	ZB5FV013C0	0.017/0.037
		Green	ZB5FV033	ZB5FV033C0	0.017/0.037
		Red	ZB5FV043	ZB5FV043C0	0.017/0.037
		Orange	ZB5FV053	ZB5FV053C0	0.017/0.037
		Yellow	ZB5FV083	ZB5FV083C0	0.017/0.037
		Blue	ZB5FV063	ZB5FV063C0	0.017/0.037

(1) To add customized markings on these references using the web customization tool, see [page 5](#).

(2) For use with bodies comprising a light source with Universal LED only.

Control and signaling units

Harmony XB5 plastic

Accessories for flush mounted heads

Pushbutton caps with markings



ZBAF331



ZBAF138



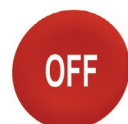
ZBAF341



ZBAF433



ZBAF234



ZBAF435

Pushbutton caps with markings for flush mounted heads (1)

For use with	Type of push	Marking		Color of cap	Unit reference	Weight kg/lb
		Text	Color			
Plastic pushbuttons						
ZB4FA0 and ZB5FA0 circular pushbutton heads supplied without cap (sold in lots of 10)	Flush	I (2)	White	Green	ZBAF331	0.001/0.002
			Black	White	ZBAF131	0.001/0.002
		II	White	Green	ZBAF336	0.001/0.002
			Black	White	ZBAF136	0.001/0.002
		III	White	Green	ZBAF337	0.001/0.002
			Black	White	ZBAF137	0.001/0.002
		IV	White	Green	ZBAF338	0.001/0.002
			Black	White	ZBAF138	0.001/0.002
		START (2)	White	Green	ZBAF333	0.001/0.002
			Black	White	ZBAF133	0.001/0.002
		ON	White	Green	ZBAF341	0.001/0.002
			Black	White	ZBAF141	0.001/0.002
		MARCHE	White	Green	ZBAF342	0.001/0.002
			Black	White	ZBAF142	0.001/0.002
		UP (2)	Black	White	ZBAF343	0.001/0.002
		DOWN (2)	White	Black	ZBAF344	0.001/0.002
		 (2)	White	Black	ZBAF245	0.001/0.002
			Black	White	ZBAF145	0.001/0.002
		↑ (3)	White	Black	ZBAF335	0.001/0.002
			Black	White	ZBAF334	0.001/0.002
		O (2)	White	Red	ZBAF432	0.001/0.002
				Black	ZBAF232	0.001/0.002
		ARRET	White	Red	ZBAF433	0.001/0.002
				Black	ZBAF233	0.001/0.002
		STOP (2)	White	Red	ZBAF434	0.001/0.002
				Black	ZBAF234	0.001/0.002
		OFF	White	Red	ZBAF435	0.001/0.002
				Black	ZBAF235	0.001/0.002
		R (2)	White	Blue	ZBAF639	0.001/0.002
		+	White	Black	ZBAF2934	0.001/0.002
		–	White	Black	ZBAF2935	0.001/0.002

(1) To add customized markings on these references using the web customization tool, see [page 5](#).

(2) Double injection molded marking.

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



ZB5FSZ3

Other accessories

Description	For use with	Color	Sold in lots of	Unit reference		Weight kg/lb
				For black bezel	For gray bezel	
Plastic blanking plug for flush mounted heads (with fixing nut)	Circular Ø 30 mm/1.181 in. flush mounted control and signaling units	Black	5	ZB5FSZ3	—	0.009/0.020
Metal ring for flush mounted Ø 30 mm/1.181 in. NEMA hole	Ø 30 mm/1.181 in. flush mounted control and signaling units	Chromium plated	10	ZB4FBZ014	—	0.012/0.027
Liquid spray protective washer to be fitted under the head	Ø 30 mm/1.181 in. flush mounted control and signaling units	Chromium plated	10	ZB4FBZ007	—	0.003/0.006

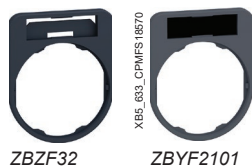


ZB4FBZ014

Control and signaling units

Harmony XB5 plastic

Legend holders for flush mounted heads

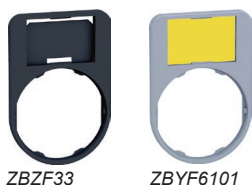


Standard 40 x 50 mm legend holders for 8 x 27 mm legends - for flush mounted heads

Description	Color	Marking (1)	Sold in lots of	Unit reference		Weight kg/lb
				For black bezel	For gray bezel (2)	
Without legend	—		10	ZBZF32	—	0.001/0.002
With blank legend (for engraving)	Black or red		10	ZBYF2101	ZBYF2101C0	0.002/0.004
	White or yellow		10	ZBYF4101	ZBYF4101C0	0.002/0.004
With 8 x 27 mm/ 0.315 x 1.063 in. legend (with international marking)	Black or red	O-I	10	ZBYF2178	ZBYF2178C0	0.003/0.007
		STOP	10	ZBYF2304	ZBYF2304C0	0.003/0.007
		START (in white)	10	ZBYF2303	ZBYF2303C0	0.003/0.007
		MARCHE	10	ZBYF2103	ZBYF2103C0	0.003/0.007
		I-O-II	10	ZBYF2186	ZBYF2186C0	0.003/0.007
		OFF-ON	10	ZBYF2367	ZBYF2367C0	0.003/0.007
		ARRET-MARCHE	10	ZBYF2166	ZBYF2166C0	0.003/0.007

Standard 40 x 60 mm legend holders for 18 x 27 mm legends - for flush mounted heads

Description	Color	Sold in lots of	Unit reference		Weight kg/lb
			For black bezel	For gray bezel (2)	
Without legend	—	10	ZBZF33	—	0.001/0.002
With blank legend (for engraving)	Black or red	10	ZBYF6101	ZBYF6101C0	0.002/0.004
	White or yellow	10	ZBYF6102	ZBYF6102C0	0.002/0.004



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

(2) To add customized markings on these references using the web customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Legend holders for flush mounted heads

Standard 40 x 50 mm legend plate - for flush mounted heads

Description	Color	Marking (1)	Sold in lots of	Unit reference		Weight kg/lb
				For black bezel	For gray bezel (2)	
Legend plate, plastic	–	–	10	ZBYFP2101	ZBYFP2101C0	0.003/0.007
		O-I	10	ZBYFP2178	ZBYFP2178C0	0.003/0.007
		STOP	10	ZBYFP2304	ZBYFP2304C0	0.003/0.007
		START	10	ZBYFP2303	ZBYFP2303C0	0.003/0.007
		MARCHE	10	ZBYFP2103	ZBYFP2103C0	0.003/0.007
		I-O-II	10	ZBYFP2186	ZBYFP2186C0	0.003/0.007
		OFF-ON	10	ZBYFP2367	ZBYFP2367C0	0.003/0.007
		ARRET-MARCHE	10	ZBYFP2166	ZBYFP2166C0	0.003/0.007
		ARRET	10	ZBYFP2104	ZBYFP2104C0	0.003/0.007



ZBYFP2101



ZBYFP2303

40 x 60 mm legend plate - for flush mounted heads

Description	Color	Marking	Sold in lots of	Unit Reference		Weight kg/lb
				For black bezel	For gray bezel (2)	
Legend plate, plastic	–	–	10	ZBYFP6101	ZBYFP6101C0	0.003/0.007

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

(2) To add customized markings on these references using the web customization tool, see [page 5](#).

Control and signaling units

Harmony XB5, plastic

Diameter 22 mm, legends 8 x 27 mm



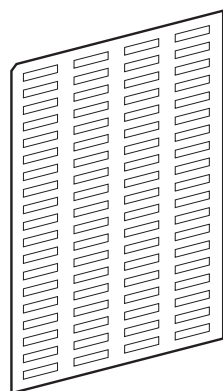
ZBY0101



ZBY02304

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

Language	Background color	Marking (1)	Sold in lots of	Reference	Weight kg/lb
Without	Black or red	–	10	ZBY0101 (2)	0.001/0.002
	White or yellow	–	10	ZBY0102 (2)	0.001/0.002
International	Black or red	O-I	10	ZBY02178	0.001/0.002
		STOP	10	ZBY02304	0.001/0.002
French	Black or red	AUTO-O-MAIN	10	ZBY02185	0.001/0.002
		MARCHE	10	ZBY02103	0.001/0.002
		SOUS TENSION	10	ZBY02126	0.001/0.002



ZBY4100

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

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

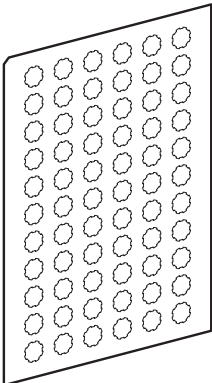
(1) "Start" functions: white letters on black background. "Stop" functions: white letters on red background (unless otherwise specified above).

(2) To add customized markings on these references using the web customization tool, see [page 5](#).

Control and signaling units

Harmony XB5, plastic

Diameter 22 mm legends for insertion, printing, or pre-printed, circular



ZBY1101

Legends for XB5A pushbuttons, illuminated pushbuttons, and pilot lights

Description	Language	Marking	Sold in lots of	Unit reference	Weight kg/lb
Sheets of 66 circular peel-off, transparent, self-adhesive legends	–	Unmarked	10	ZBY1101	0.017/0.037
	International	I	10	ZBY1147	0.017/0.037

Common components and accessories

Control and signaling units

Harmony XB5 plastic

Body/contact assemblies

Screw clamp terminal connections



ZB5AZ009



ZBE101



ZBE203



ZB5AZ101



ZBE201



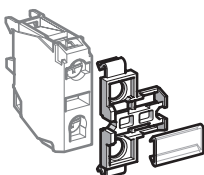
ZB5AZ107



ZBE501



ZB2BE101



ZBZ001

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 ⁽¹⁾

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

Application	Type of contact	Description				Sold in lots of	Unit reference	Weight kg/lb
			NO	NC	NC MC (7)			

Contacts for standard applications

Contact blocks	Single		1	–	–	5	ZBE101	0.011/0.024
			–	1	–	5	ZBE102 (6)	0.011/0.024
			–	–	1	5	ZBE302	0.014/0.030
	Double		2	–	–	5	ZBE203	0.020/0.044
			–	2	–	5	ZBE204	0.020/0.044
			1	1	–	5	ZBE205	0.020/0.044
	Single with body/fixing collar		1	–	–	1	ZB5AZ101	0.021/0.046
			–	1	–	1	ZB5AZ102	0.021/0.046
			2	–	–	1	ZB5AZ103	0.030/0.066
			–	2	–	1	ZB5AZ104	0.030/0.066
			1	1	–	1	ZB5AZ105	0.030/0.066
			1	2	–	1	ZB5AZ141	0.040/0.088

Contacts for specific applications

Low-power switching	Single	Standard	1	–	–	5	ZBE1016	0.012/0.026
			–	1	–	5	ZBE1026	0.012/0.026
		Dusty environment ⁽²⁾ (IP5X, 50 µm dust)	1	–	–	5	ZBE1016P	0.012/0.026
			–	1	–	5	ZBE1026P	0.012/0.026
Staggered contacts	Single	Early make NO	1	–	–	5	ZBE201	0.011/0.024
		Late break NC	–	1	–	5	ZBE202	0.011/0.024
	Single with body/fixing collar	Overlapping NO+NC	1	1	–	5	ZB5AZ106	0.062/0.137
		Staggered NO+NO	2	–	–	5	ZB5AZ107	0.062/0.137
High-power switching	Single	Standard ⁽³⁾	1	–	–	1	ZBE501	0.020/0.044
			–	1	–	1	ZBE502	0.020/0.044
			2	–	–	1	ZBE503	0.032/0.071
			–	2	–	1	ZBE504	0.032/0.071
			1	1	–	1	ZBE505	0.032/0.071
Additional contact blocks for high-power switching	Single	Standard ⁽⁴⁾	1	–	–	1	ZB2BE101	0.020/0.044
			–	1	–	1	ZB2BE102	0.020/0.044

Clip-on legend holder, sheet of blank legends

Description	Sold in lots of	Unit reference	Weight kg/lb
Clip-on legend-holder for electrical blocks with screw clamp terminal connections ⁽⁵⁾ . For identification of an XB4B control or signaling unit	10	ZBZ001	0.001/0.002
Sheet of 50 blank legends for legend holder ZBZ001	10	ZBY001	0.023/0.051

(1) The contact blocks enable variable composition of body/contact assemblies. Maximum number of rows possible: 3. Either 3 rows of 3 single contacts or 1 row of 3 double contacts + 1 row of 3 single contacts (double contacts occupy the first 2 rows). Maximum number of contacts is specified on [page 26](#) of this catalog.

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

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

(4) To be fitted on the back of ZBE50● contacts.

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

(6) To order products with screw clamp terminal connections for lugs, add a 9 at the end of the commercial reference. Example: ZBE102 becomes ZBE1029.

(7) NC contact block with monitoring dedicated for Emergency stop head only.

Control and signaling units

Harmony XB5 plastic

Light blocks - Screw clamp terminal connections



ZBVB1



Light blocks				
Description	Supply voltage V	Sold in lots of	Unit reference	Weight kg/lb
Light blocks with screw clamp terminal connections (Schneider Electric anti-loosening system)				
Universal LED light block	12 ~ (50 or 60 Hz)	5	ZBVJ1	0.017/0.037
	24 ~ (50 or 60 Hz)	5	ZBVB1	0.017/0.037
	24...120 ~ (50 or 60 Hz)	5	ZBVBG1	0.017/0.037
	110...120 ~ (50 or 60 Hz)	5	ZBVG1	0.017/0.037
	230...240 ~ (50 or 60 Hz)	5	ZBVM1	0.017/0.037



ZBVGM1T



Light block for severe applications (1)				
Universal LED light block	110...240 V ~ (50/60 Hz)	5	ZBVGM1T	0.017/0.037

(1) To be used with inductive loads, off-grid power generators specifically in Marine applications, or polluted supply voltage.

Control and signaling units

Harmony XB5 plastic

Flashing light blocks, transformer blocks,
blocks for “test light”, LED suppressors



ZBV5B1



ZBV5B



ZBZG156



ZBZM156

Flashing light blocks with screw clamp terminal connections

(Schneider Electric anti-loosening system)

Description	Supply voltage V	Color of LED	Sold in lots of	Unit reference	Weight kg/lb
Universal LED light block	24 ~ (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 ~ (50 or 60 Hz)	White	5	ZBV18G1	0.017/0.037
		Green	5	ZBV18G3	0.017/0.037
		Red	5	ZBV18G4	0.017/0.037
		Orange	5	ZBV18G5	0.017/0.037
		Blue	5	ZBV18G6	0.017/0.037
	230...240 ~ (50 or 60 Hz)	White	5	ZBV18M1	0.017/0.037
		Green	5	ZBV18M3	0.017/0.037
		Red	5	ZBV18M4	0.017/0.037
		Orange	5	ZBV18M5	0.017/0.037
		Blue	5	ZBV18M6	0.017/0.037



Transformer blocks for 24 V light blocks ⁽¹⁾

Description	For use with	Supply voltage V	Reference	Weight kg/lb
Transformer 400 V - 24 V ~	Universal LED light blocks	400 V ~ (50 Hz)	ZBV5B	0.090/0.198
		440...460 V ~ (60 Hz)	ZBV8B	0.090/0.198
		50...600 V ~ (60 Hz)	ZBV9B	0.090/0.198

Blocks for “test light” function

Description	For use with	Supply voltage V	Reference	Weight kg/lb
Single module, 1 connecting wire	Universal LED light blocks	12 and 24 ~ 24...120 ~	ZBZG156 (2)	0.010/0.022
Double module, with connecting wires	Universal LED light blocks	48...230 ~	ZBZM156 (3)	0.010/0.022

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

(2) Block for use with ~ Universal LED light blocks types [ZBVJ●](#), [ZBV5●](#), or [ZVBG●](#), or with direct supply light block for BA9s bulb, [ZBV6](#).

(3) Block for use ~ with Universal LED light blocks types [ZBVG●](#) or [ZBVM●](#), see connection on the Schneider Electric website, Harmony XB5 page.

Control and signaling units

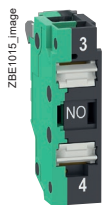
Harmony XB5 plastic

Body/contact assemblies

Push-in terminal connections



ZB5AZ009



ZBE1015



ZBE1025



ZB5AZ1015

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

Compact contact functions

Push-in terminal connections

Contacts for standard applications

Description	Type of contact			Sold in lots of	Unit reference	Weight kg/lb
Contact blocks	Single	NO 1	NC —	5	ZBE1015	0.007/0.015
		—	1	5	ZBE1025	0.007/0.015
		1	—	1	ZB5AZ1015	0.017/0.037
	Single with body/fixing collar	—	1	1	ZB5AZ1025	0.017/0.037
		2	—	1	ZB5AZ1035	0.021/0.046
		—	2	1	ZB5AZ1045	0.021/0.046
		1	1	1	ZB5AZ1055	0.021/0.046

Control and signaling units

Harmony XB5 plastic

Light blocks

Push-in terminal connections



ZBVB15

Compact light blocks

Push-in terminal connections (1)

Description	Supply voltage V	Sold in lots of	Unit reference	Weight kg/lb
Universal LED 	12 $\sim$ (50 or 60 Hz)	5	ZBVJ15	0.012/0.026
	24 $\sim$ (50 or 60 Hz)	5	ZBVB15	0.012/0.026
	110...120 $\sim$ (50 or 60 Hz)	5	ZBVG15	0.012/0.026
	230...240 $\sim$ (50 or 60 Hz)	5	ZBVM15	0.012/0.026

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

Control and signaling units

Harmony XB5 plastic

Body/contact assemblies for printed circuit board



ZB5AZ009



ZB5AZ079 + ZB5AZ009



ZBZ01



ZBE701



ZBE702



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
	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	–	10	ZBE701	0.011/0.024
		–	1	10	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 V (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.

Control and signaling units

Harmony XB5 plastic

Body/contact assemblies - Faston connectors



ZBE1023

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
	Double	2	–	5	ZBE2033	0.020/0.044
		1	1	5	ZBE2053	0.020/0.044
	Single with body/fixing collar	1	–	1	ZB5AZ1013 ⁽²⁾	0.021/0.046
		–	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

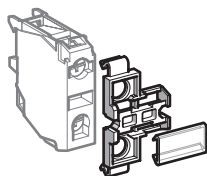
Application	Type of contact	Description			Sold in lots of	Unit reference	Weight kg/lb
Low-power switching	Single	Standard	1	–	5	ZBE10163 ⁽²⁾	0.012/0.026
		Dusty environments ⁽³⁾ (IP5X, 50 µm dust)	1	–	5	ZBE1016P3 ⁽²⁾	0.012/0.026
			–	1	5	ZBE1026P3 ⁽²⁾	0.012/0.026
High-power switching	Single	Standard ⁽⁴⁾	–	1	1	ZBE5023	0.021/0.046
			–	2	1	ZBE5043	0.033/0.073



ZBE5043

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



ZBZ001

Sheet of 50 blank legends

Legend holder ZBY001	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.

Control and signaling units

Harmony XB5 plastic

Body/contact assemblies and Universal LED light blocks

Complete body/contact assemblies and light blocks ⁽¹⁾
Screw clamp terminal connections (Schneider Electric anti-loosening system)

Light source	Supply voltage V	Type of contact		Reference	Weight kg/lb
		 NO	 NC		
Direct supply					
 Universal for all color heads	24 $\sim$ (50 or 60 Hz)	1	–	ZB5AW0B11	0.032/0.071
		–	1	ZB5AW0B12	0.032/0.071
		2	–	ZB5AW0B13	0.042/0.093
		1	1	ZB5AW0B15	0.042/0.093
	110...120 $\sim$ (50 or 60 Hz)	1	–	ZB5AW0G11	0.032/0.071
		–	1	ZB5AW0G12	0.032/0.071
		2	–	ZB5AW0G13	0.042/0.093
		1	1	ZB5AW0G15	0.042/0.093
	230...240 $\sim$ (50 or 60 Hz)	1	–	ZB5AW0M11	0.032/0.071
		–	1	ZB5AW0M12	0.032/0.071
		2	–	ZB5AW0M13	0.042/0.093
		1	1	ZB5AW0M15	0.042/0.093

Other versions

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

(1) Can be fitted with additional contact blocks, see [page 107](#).



Control and signaling units

Harmony XB5 plastic

Body/light assemblies for pilot lights with Universal LED



ZB5AVJ1



Complete light bodies (fixing collar and light block with Universal LED)			
Screw clamp terminal connections (Schneider Electric anti-loosening system)			
Light source	Supply voltage V	Reference	Weight kg/lb
Universal LED light block	12 $\sim$ (50 or 60 Hz)	ZB5AVJ1	0.022/0.049
	24 $\sim$ (1) (50 or 60 Hz)	ZB5AVB1	0.022/0.049
	24...120 $\sim$ (50 or 60 Hz)	ZB5AVBG1	0.022/0.049
	110...120 $\sim$ (1) (50 or 60 Hz)	ZB5AVG1	0.022/0.049
	230...240 $\sim$ (1) (50 or 60 Hz)	ZB5AVM1	0.022/0.049

(1) Complete bodies with Faston connector terminals (6.35 or 2 x 2.8 mm/0.250 or 2 x 0.110 in.), see [page 113](#).

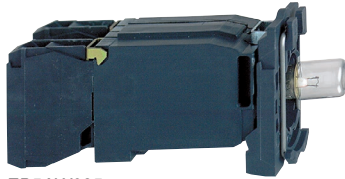
Control and signaling units

Harmony XB5 plastic

Body/contact assemblies and light blocks with
BA9s base fitting



ZB5AW065



ZB5AW035

Complete body/contact assemblies and light blocks ⁽¹⁾

For bulb with BA9s base fitting (incandescent, neon, or LED)

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

Light source	Supply voltage V	Type of contact		Color of light source	Reference	Weight kg/lb
						
		NO	NC			
Direct supply						
BA9s base fitting bulb, 2.4 W max., not included (2)	≤ 250	1	–	–	ZB5AW061	0.031/0.068
		–	1	–	ZB5AW062	0.031/0.068
		2	–	–	ZB5AW063	0.041/0.090
		1	1	–	ZB5AW065	0.041/0.090
Supply via Universal transformer (1.2 VA, 6 V secondary)						
Incandescent BA9s base fitting bulb, included	110...120 ~ 50 or 60 Hz	1	–	–	ZB5AW031	0.110/0.243
		1	1	–	ZB5AW035	0.119/0.262
	230 ~ 50 Hz 220...240 ~ 60 Hz	1	–	–	ZB5AW041	0.110/0.243
		1	1	–	ZB5AW045	0.119/0.262
	400 ~ 50 Hz	1	1	–	ZB5AW055	0.119/0.262
	230 ~ 50 Hz 220...240 ~ 60 Hz	1	1	White	ZB5AW04D15	0.119/0.262
				Green	ZB5AW04D35	0.119/0.262
				Red	ZB5AW04D45	0.119/0.262
				Orange	ZB5AW04D55	0.119/0.262
				Blue	ZB5AW04D65	0.119/0.262
	Other versions		Complete bodies with Universal transformer incorporating Faston connector terminals (6.35 or 2 x 2.8 mm/0.250 or 2 x 0.110 in.). Please contact our Customer Care Center.			

(1) Can be fitted with additional contact blocks, see [page 107](#).

(2) Bulb to be ordered separately, see [page 118](#).

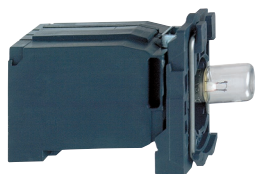
Control and signaling units

Harmony XB5 plastic

Light bodies for pilot lights with BA9s base fitting



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 BA9s 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 BA9s base fitting (incandescent, neon, or LED)

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

Light source	Supply voltage V	Color of light source	Reference	Weight kg/lb
Direct supply				
BA9s base fitting bulb, 2.4 W max., not included (1)	≤ 250	–	ZB5AV6	0.022/0.049

Supply via Universal transformer (1.2 VA, 6 V secondary)

BA9s 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)	–		
	400 ~ (50 Hz)	–	ZB5AV5	0.099/0.218
	440...480 ~ (60 Hz)	–	ZB5AV8	0.099/0.218
BA9s base fitting LED, included	550...600 ~ (60 Hz)	–	ZB5AV9	0.099/0.218
	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

Complete light bodies with 3-terminal “test” function (fixing collar + light block)

For bulb with BA9s base fitting (incandescent, neon, or LED)

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

Light source	Supply voltage V	Reference	Weight kg/lb
Direct supply			
BA9s 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 mm/0.250 or 2 x 0.110 in.), see [page 88](#).

(1) Bulb to be ordered separately, see [page 118](#).

Control and signaling units

Harmony XB5 plastic

Accessories for illuminated pushbuttons: bulbs



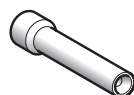
DL1CJ0...



DL1CE...



DL1CF...



XBFX13



ZB5AZ31



ZB5AZ903



ZB5AZ905



ZB5AZ902



ZB5FAZ902

Bulbs with BA9s 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
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	For fixing ZB5A heads	Green	10	ZB5AZ903	0.002/0.004
Fixing nut for flush mounted heads	For fixing ZB5FA heads	Green	10	ZB5FAZ901	0.102/0.225
Bezel tool	For tightening ZB5AZ903 head fixing nut		1	ZB5AZ905	0.016/0.035
Anti-rotation plate	For ZB5A selector switches and Emergency stop pushbutton heads		10	ZB5AZ902	0.008/0.018
Anti-rotation plate for flush mounted heads	For ZB5F selector switch heads		10	ZB5FAZ902	0.008/0.018

Control and signaling units

Harmony XB5 plastic

Accessories for pushbuttons: keys



ZBG455



ZBG455P



ZBGP



ZBDD2

Replacement keys

Description	Key number	Reference	Weight kg/lb
For latching mushroom head pushbuttons and selector switches			
Sets of 2 keys	455	ZBG455	0.013/0.029
	421E	ZBG421E	0.014/0.031
	458A	ZBG458A	0.014/0.031
	520E	ZBG520E	0.014/0.031
	3131A	ZBG3131A	0.014/0.031
	4A185	ZBDA185	0.014/0.031
	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 is supplied booted (rubber boot)	455	ZBG455P	—
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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●●	10	ZBDD2	0.005/0.011

(1) Key number to be added when ordering.

(2) Not compatible with products with TEC10 key.

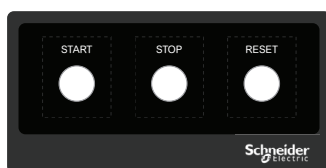
Control and signaling units

Harmony XB5 plastic

Legends panel



ZBYLEG304000



ZBYLEG201001



ZBYLEG304001



ZBYLEG503001

Legends panel (1)

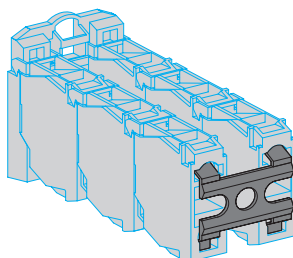
Template size mm/in.	Unit reference	Weight kg/lb
Unmarked templates		
100 x 100/3.93 x 3.93	ZBYLEG101000	0.010/0.022
200 x 100/7.87 x 3.93	ZBYLEG201000	0.010/0.022
300 x 100/11.81 x 3.93	ZBYLEG301000	0.010/0.022
300 x 200/11.81 x 7.87	ZBYLEG302000	0.030/0.066
300 x 300/11.81 x 11.81	ZBYLEG303000	0.030/0.066
300 x 400/11.81 x 15.74	ZBYLEG304000	0.030/0.066
400 x 100/15.74 x 3.93	ZBYLEG401000	0.010/0.022
400 x 200/15.74 x 7.87	ZBYLEG402000	0.050/0.110
500 x 100/19.68 x 3.93	ZBYLEG501000	0.030/0.066
500 x 200/19.68 x 7.87	ZBYLEG502000	0.050/0.110
500 x 300/19.68 x 11.81	ZBYLEG503000	0.050/0.110
500 x 400/19.68 x 15.74	ZBYLEG504000	0.050/0.110
Marked templates		
100 x 100/3.93 x 3.93	ZBYLEG101001	0.010/0.022
200 x 100/7.87 x 3.93	ZBYLEG201001	0.010/0.022
300 x 100/11.81 x 3.93	ZBYLEG301001	0.010/0.022
300 x 200/11.81 x 7.87	ZBYLEG302001	0.030/0.066
300 x 300/11.81 x 11.81	ZBYLEG303001	0.030/0.066
300 x 400/11.81 x 15.74	ZBYLEG304001	0.030/0.066
400 x 100/15.74 x 3.93	ZBYLEG401001	0.010/0.022
400 x 200/15.74 x 7.87	ZBYLEG402001	0.050/0.110
500 x 100/19.68 x 3.93	ZBYLEG501001	0.030/0.066
500 x 200/19.68 x 7.87	ZBYLEG502001	0.050/0.110
500 x 300/19.68 x 11.81	ZBYLEG503001	0.050/0.110
500 x 400/19.68 x 15.74	ZBYLEG504001	0.050/0.110

(1) To add customized markings on these references using the online customization tool, see [page 5](#).

Control and signaling units

Harmony XB5 plastic

Accessories for pushbuttons



ZBZ007

Other accessories

Description	For use with	Sold in lots of	Unit reference	Weight kg/lb
Plastic clips	2 or 3 levels of ZBE10● contact blocks in high vibration environment	10	ZBZ007	0.001/0.002
Dummy contact block	ZBE10● contact blocks and ZBV5B transformer blocks	5	ZBE000	0.006/0.013
Set of tabs for Faston connection	ZBE10● contact blocks and ZBV● light blocks	10	ZBZ003	—

Control and signaling units

Harmony XB5 plastic

Product reference index

D		XB5AD41	57	XB5AK135B5	63	XB5AVB65	65	XB5AW73731G5	40
DL1CB006	118	XB5AD415	57	XB5AK135B5C0	63	XB5AVG1	65	XB5AW73731M5	40
DL1CD0061	118	XB5AD41C0	57	XB5AK135G5	63	XB5AVG3	65	XB5DSB	70
DL1CD0063	118	XB5AD53	57	XB5AK135G5C0	63	XB5AVG4	65	XB5DSG	70
DL1CD0064	118	XB5AD535	57	XB5AK135M5	63	XB5AVG5	65	XB5DSM	70
DL1CD0065	118	XB5AD53C0	57	XB5AK135M5C0	63	XB5AVG6	65	XB5DT1S	71
DL1CD0066	118	XB5AD912R100K	69	XB5AL42	32	XB5AVM1	65	XB5DTB22	70
DL1CE024	118	XB5AD912R10K	69	XB5AL425	32	XB5AVM3	65	XB5DTB23	70
DL1CE130	118	XB5AD912R1K	69	XB5AL42C0	32	XB5AVM4	65	XB5DTB24	70
DL1CF110	118	XB5AD912R470K	69	XB5AL73415	39	XB5AVM5	65	XB5DTB25	70
DL1CF220	118	XB5AD912R47K	69	XB5AL734155	39	XB5AVM6	65	XB5DTGM2	70
DL1CJ0241	118	XB5AD912R4K7	69	XB5AL84101	69	XB5AW21B5	68	XB5DTGM3	70
DL1CJ0243	118	XB5AG03	59	XB5AP21	33	XB5AW21G5	68	XB5DTGM4	70
DL1CJ0244	118	XB5AG035	60	XB5AP21C0	33	XB5AW23B5	68	XB5DTGM5	70
DL1CJ0245	118	XB5AG03C0	59	XB5AP31	33	XB5AW23G5	68	XB5EV57K4	68
DL1CJ0246	118	XB5AG21	59	XB5AP31C0	33	XB5AW24B5	68	XB5EV57L4	68
DL1CJ0483	118	XB5AG215	60	XB5AP42	33	XB5AW24G5	68	XB5EVB1	65
DL1CJ0484	118	XB5AG21C0	59	XB5AP51	33	XB5AW25B5	68	XB5EVB3	65
DL1CJ0485	118	XB5AG33	59	XB5AP51C0	33	XB5AW25G5	68	XB5EVB4	65
X		XB5AG335	60	XB5AP61	33	XB5AW26B5	68	XB5EVB5	65
XB5AA11	31	XB5AG33C0	59	XB5AP61C0	33	XB5AW26G5	68	XB5EVB6	65
XB5AA115	31	XB5AG41	59	XB5AS8442	44	XB5AW28B5	68	XB5EVB8	65
XB5AA11C0	31	XB5AG415	60	XB5AS84425	44	XB5AW28G5	68	XB5EVG1	65
XB5AA21	31	XB5AG41C0	59	XB5AS8444	44	XB5AW3165	38	XB5EVG3	65
XB5AA215	31	XB5AG61	59	XB5AS84445	44	XB5AW31B5	35	XB5EVG4	65
XB5AA21C0	31	XB5AG615	60	XB5AS84449	48	XB5AW31B55	36	XB5EVG5	65
XB5AA31	31	XB5AG61C0	59	XB5AS8445	44	XB5AW31B5C0	35	XB5EVG6	65
XB5AA315	31	XB5AJ21	58	XB5AS84455	44	XB5AW31G5	35	XB5EVG8	65
XB5AA31C0	31	XB5AJ21C0	58	XB5AS8446	44	XB5AW31G5C0	35	XB5EVM1	65
XB5AA3311	34	XB5AJ33	58	XB5AS84462	44	XB5AW31M5	35	XB5EVM3	65
XB5AA3341	34	XB5AJ33C0	58	XB5AS84W3B41	46	XB5AW31M5C0	35	XB5EVM4	65
XB5AA3341C0	34	XB5AJ53	58	XB5AS84W3B5	46	XB5AW3365	38	XB5EVM5	65
XB5AA3351	34	XB5AJ53C0	58	XB5AS86449B4	48	XB5AW33B5	35	XB5EVM6	65
XB5AA3351C0	34	XB5AK123B5	63	XB5AS9442	44	XB5AW33B55	36	XB5EVM8	65
XB5AA42	31	XB5AK123B5C0	63	XB5AS9445	44	XB5AW33B5C0	35	XB5FA11	85
XB5AA425	31	XB5AK123G5	63	XB5AT842	44	XB5AW33G5	35	XB5FA11C0	85
XB5AA42C0	31	XB5AK123G5C0	63	XB5AT845	44	XB5AW33G5C0	35	XB5FA21	85
XB5AA4322	34	XB5AK123M5	63	XB5AV31	67	XB5AW33M5	35	XB5FA21C0	85
XB5AA51	31	XB5AK123M5C0	63	XB5AV33	67	XB5AW33M5C0	35	XB5FA31	85
XB5AA515	31	XB5AK124B5	63	XB5AV34	67	XB5AW3465	38	XB5FA31C0	85
XB5AA51C0	31	XB5AK124B5C0	63	XB5AV35	67	XB5AW34B5	35	XB5FA3311	87
XB5AA61	31	XB5AK124G5	63	XB5AV41	67	XB5AW34B55	36	XB5FA3311C0	87
XB5AA615	31	XB5AK124G5C0	63	XB5AV43	67	XB5AW34B5C0	35	XB5FA3341	87
XB5AA61C0	31	XB5AK124M5	63	XB5AV44	67	XB5AW34G5	35	XB5FA3341C0	87
XB5AA711237	41	XB5AK124M5C0	63	XB5AV45	67	XB5AW34G5C0	35	XB5FA3351	87
XB5AA731327	41	XB5AK125B5	63	XB5AV5B1	67	XB5AW34M5	35	XB5FA3351C0	87
XB5AA801	69	XB5AK125B5C0	63	XB5AV5B3	67	XB5AW34M5C0	35	XB5FA42	85
XB5AA831	69	XB5AK125G5	63	XB5AV5B4	67	XB5AW3565	38	XB5FA42C0	85
XB5AA841	69	XB5AK125G5C0	63	XB5AV5B5	67	XB5AW35B5	35	XB5FA4322	87
XB5AA84101	69	XB5AK125M5	63	XB5AV5B6	67	XB5AW35B55	36	XB5FA4322C0	87
XB5AA861	69	XB5AK125M5C0	63	XB5AV61	67	XB5AW35B5C0	35	XB5FA51	85
XB5AA86102	69	XB5AK133B5	63	XB5AV63	67	XB5AW35G5	35	XB5FA51C0	85
XB5AC21	42	XB5AK133B5C0	63	XB5AV64	67	XB5AW35G5C0	35	XB5FA61	85
XB5AD21	57	XB5AK133G5	63	XB5AV65	67	XB5AW35M5	35	XB5FA61C0	85
XB5AD215	57	XB5AK133G5C0	63	XB5AVB1	65	XB5AW35M5C0	35	XB5FD21	93
XB5AD21C0	57	XB5AK133M5	63	XB5AVB15	65	XB5AW36B5	35	XB5FD21C0	93
XB5AD25	57	XB5AK133M5C0	63	XB5AVB3	65	XB5AW36B55	36	XB5FD25	93
XB5AD255	57	XB5AK134B5	63	XB5AVB35	65	XB5AW36B5C0	35	XB5FD25C0	93
XB5AD25C0	57	XB5AK134B5C0	63	XB5AVB4	65	XB5AW36G5	35	XB5FD33	93
XB5AD33	57	XB5AK134G5	63	XB5AVB45	65	XB5AW36G5C0	35	XB5FD33C0	93
XB5AD335	57	XB5AK134G5C0	63	XB5AVB5	65	XB5AW36M5	35	XB5FD41	93
XB5AD335	57	XB5AK134M5	63	XB5AVB55	65	XB5AW36M5C0	35	XB5FD41C0	93
XB5AD33C0	57	XB5AK134M5C0	63	XB5AVB6	65	XB5AW73731B5	40	XB5FD53	93

XB5FD53C0	93	XB5FVG5	98	Z		ZB5AA48C0	31	ZB5AD28C0	62
XB5FG03	95	XB5FVG5C0	98	ZB2BE101	107		36	ZB5AD29	62
XB5FG03C0	95	XB5FVG6	98	ZB2BE102	107	ZB5AA4C0	31	ZB5AD29C0	62
XB5FG21	95	XB5FVG6C0	98	ZB4BZ007	83	ZB5AA5	31	ZB5AD2C0	57
XB5FG21C0	95	XB5FVM1	98	ZB4BZ0077	83	ZB5AA56	32	ZB5AD3	57
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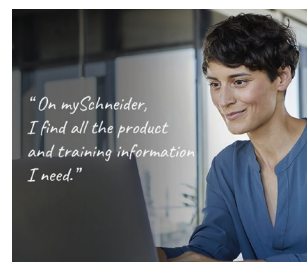
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