

Catalog | August 2022



Harmony XB4 metal

Control and signaling units



Harmony

Discover Harmony

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

Explore our offer

- Harmony Push Buttons and Switches
- Harmony HMI Operator Terminals, IPC and EdgeBox
- Harmony Signaling Devices
- Harmony Electrical Relays
- Harmony Safety

Quick access to product information

Get technical information about your product

References

Modicon TM3
I/O expansion modules for Modicon controllers
Analog I/O modules

References
Modicon TM3 analog input modules
Number of channels Input range Output range Resolution Input terminals Reference Weight (g)

| Number of channels | Input range | Output range | Resolution | Input terminals | Reference | Weight (g) |
|-----------------------------------|--|-------------------|-------------|--------------------|-----------|------------|
| 2 differential inputs | -0...+10VDC -2...+10VDC -2...+30mA | -10.000...+10.000 | ±0.001...2 | 10 bits or 12 bits | TM3AI02 | 0.120 |
| 4 differential inputs | -0...+10VDC -2...+10VDC -2...+30mA | -10.000...+10.000 | ±0.001...2 | 10 bits or 12 bits | TM3AI04 | 0.220 |
| 4 temperature inputs | (A,K,J,E,T,N,R,S,C) RTD (Pt100, Pt1000, RTDU (Pt100, Pt1000), -2...+40VDC -2...+30mA, 2...+20mA) | -10.000...+10.000 | ±0.001...10 | 10 bits or 12 bits | TM3AI04T | 0.240 |
| 4 differential temperature inputs | (A,K,J,E,T,N,R,S,C) RTD (Pt100, Pt1000), -2...+40VDC -2...+30mA, 2...+20mA | -10.000...+10.000 | ±0.001...10 | 10 bits or 12 bits | TM3AI04DT | 0.250 |
| 8 environmental | -0...+10VDC | -10.000...+10.000 | ±0.001...2 | 10 bits or 12 bits | TM3AI08 | 0.140 |

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TM3AI2H

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Module TM3 - 2 analog inputs high resolution
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Related Software >

Product Datasheet User Guide Catalogue CAD Document

Characteristics Documents and Downloads Technical FAQs Additional Information Dimensions Drawings <->

Main

range of product Modicon TM3

product or component type Analog input module

range compatibility Modicon M251

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

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Industrial Automation

General Catalog

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PLC, RNC & other Components

Product Selector Catalog 3D

Modicon TM3

Modicon TM3

- With just 3 clicks, you can access the Industrial Automation and Control catalogs, in both English and French
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Electric

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Harmony XB4 metal

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Control and signaling units

Pushbuttons, switches, and pilot lights



Life Is On

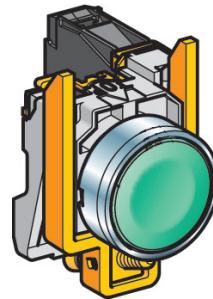
Schneider
Electric

Control and signaling units

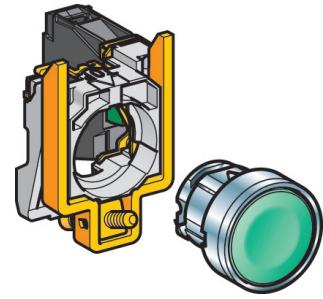
Harmony XB4 metal

Pushbuttons, switches, and pilot lights

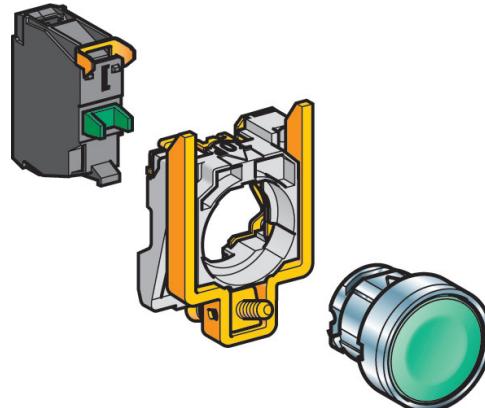
The Harmony XB4 range of metal pushbuttons, switches, and pilot lights combines simplicity of installation, flexibility, and robustness to meet the majority of industrial applications. It delivers one of the most comprehensive product ranges available on the market and meets the robustness and performance requirements for the majority of industrial applications.



Complete unit for
repetitive orders XB4BA31



Sub-assembly (for additional flexibility)
ZB4BZ101 + ZB4BA3



Basic elements (for optimum flexibility)
ZBE101 + ZB4BZ009 + ZB4BA3

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.

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

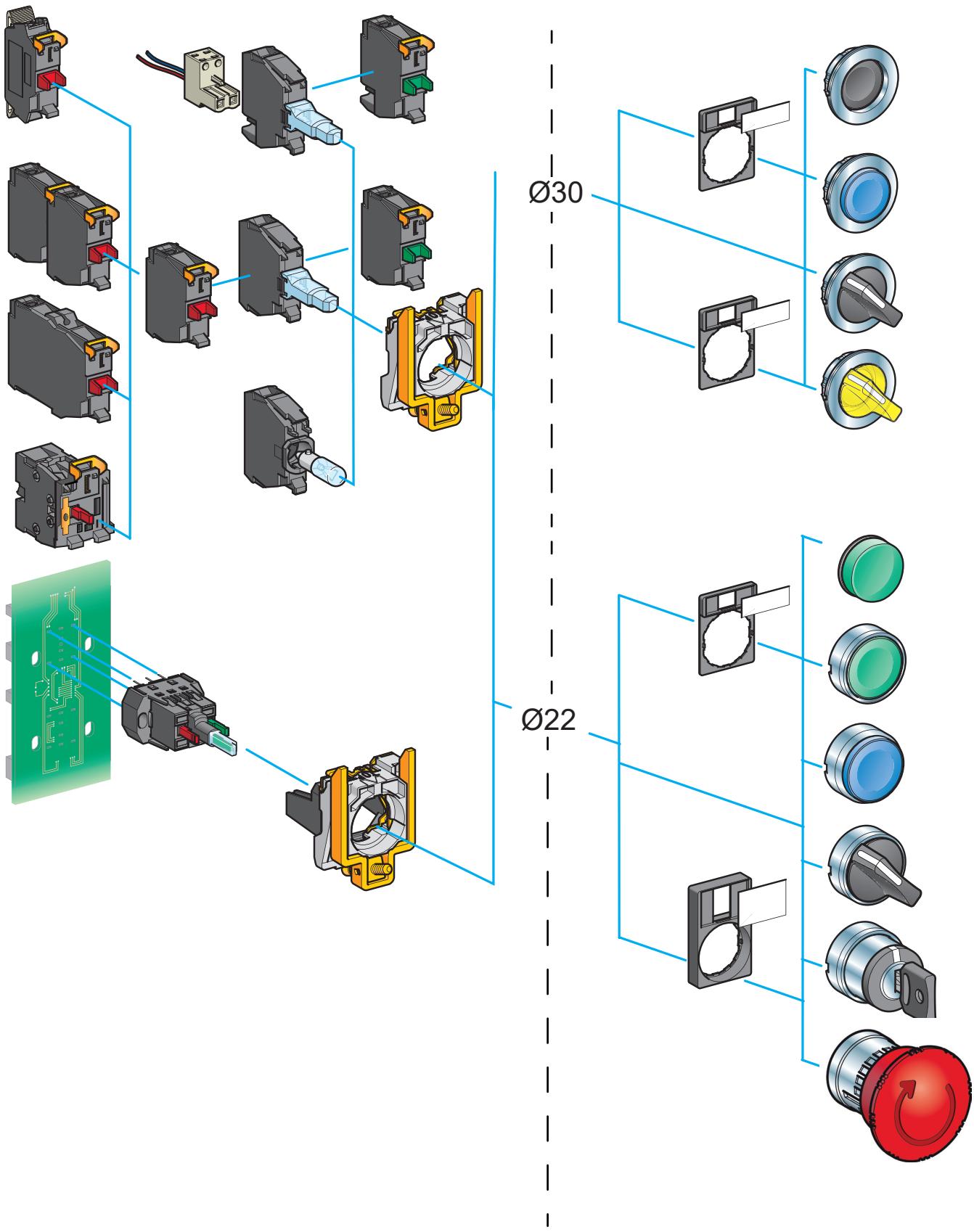


A global network of
partners you can rely on
to support customized
end-to-end solutions

Control and signaling units

Harmony XB4 metal

Pushbuttons, switches, and pilot lights



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 options

- 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

360° view
Click on the image for 3D view



Customized products





Emergency stop pushbutton with illuminated rings



Emergency stop pushbutton with illuminated rings



NC monitoring contact block



Harmony XB4 metal,
Explosive atmosphere offer

Operational efficiency

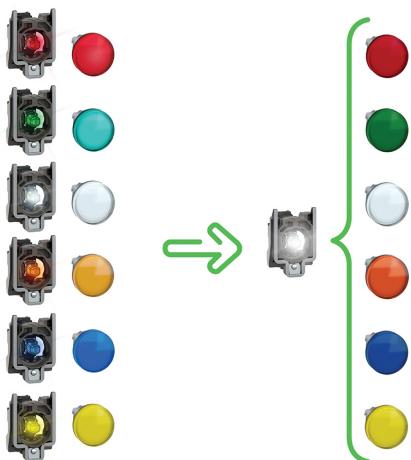
The Harmony XB4 range offers innovative features for ease-of-use to make an operator's work simpler and more efficient.

Improved operator efficiency

- Illuminated Emergency stop pushbutton solutions that help you quickly find the E-stop button responsible for the 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
- Dedicated offer for explosive atmospheres

Reduce safety risk and downtime machine

- Monitor the Emergency stop head connection with the NC safety monitoring contact block reduce human error during maintenance or installation of the machine
- Integrated two functions in one to keep existing cabling and avoid extra connection risk.
- Dedicated offer for explosive atmospheres



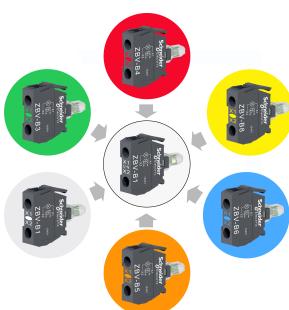
LED rationalization while ensuring the same functionality

Universal LED block for all illuminated functions

Harmony streamline the structure of pilot lights and actuators using LED by moving from 6 colored LEDs to a universal source of luminosity.

A unique technology that leads to the best lighting solution

- Divide by 6 the stocked part numbers (for a given wiring & voltage solution)
- Astonishing intensity and contrast with enhanced color purity
- Reduce conception and installation time
- Simplified maintenance
- Avoid errors on pairing between heads and light blocks, nomenclatures are simplified



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



Affordable

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

Increasing operator's efficiency

- USB and RJ45 ports for a simple, effective way to connect a PC or USB
- 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 hole for quicker mounting



Mounting options for easy access
to functions on the front panel



Legend panel

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 XB4 range is compatible with a wide range of control stations and enclosures

- XAPD: standard metal grey box (RAL7035)
- XAPK: metal yellow station for emergency stop application (RAL1004)
- XAPO: metal orange station (RAL2008)
- XAPG: metal grey box (RAL7032) for North America standards (NPT cable glands)
- XAPE: metal pre-drilled front plate
- XAWG/XAWF: plastic and metal box for ATEX dust environment with XB4 EX



Simple selection

Harmony XB4 delivers a comprehensive range of products that enable simple selection to help minimize your costs right from the beginning.

Web digital selector
Click to open the selector

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
- Web digital selector to help you find the right reference for your application and customize your product.

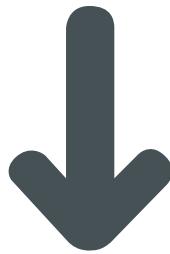
Digi-Cat
Click to download Digi-Cat

Easy to convert from standard to flush mounted pushbuttons

- Harmony XB4 pushbuttons offer the flexibility to convert from standard to flush mounting versions by simply changing a single letter in the product reference.

Example:

ZB4BA3



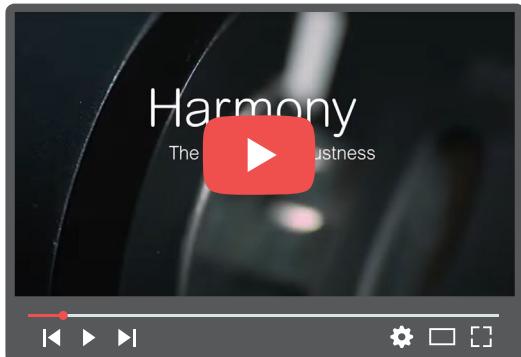
ZB4FA3



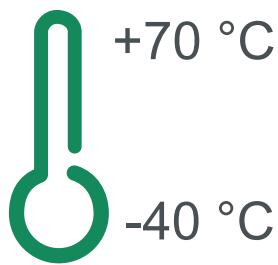
Standard
mounting



Flush
mounting



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



Robustness

Harmony XB4 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)

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 unrivaled 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 XB4, metal

Pushbuttons, switches, and pilot lights



Harmony XB4 range of control and signaling units for Ø 22 mm/0.866 in. mounting



Harmony XB4 flush mounted control and signaling units for Ø 30 mm/1.181 in mounting

Presentation

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

This range includes:

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

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

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

Innovative complementary offers are also available:

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

Control and signaling units

Harmony XB4, metal

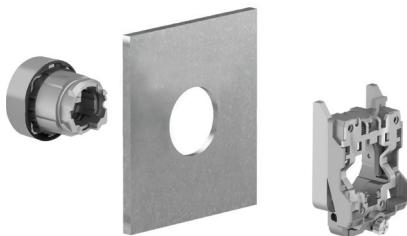
Pushbuttons, switches, and pilot lights

Installation

Harmony XB4 products are both simple and quick to install:

- Mounting by 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 XB4 standard mounting products are installed with or without a notch in a Ø 22 mm/0.866 in. hole, thanks to the self-cleavable orientation pin.



For installation of Harmony XB4 standard mounting products



For installation of Harmony XB5 flush mounting products

Harmony XB4 flush mounting products are installed without a notch in a Ø 30 mm/1.181 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.

Environment

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

- Certified and approved for meeting requirements throughout all continents: EN/IEC, CE marking, UL, CSA, CCC, EAC, JIS, NEMA, and marine approvals
- Protection against ingress of solid objects, dust, and water: IP66, IP67, IP69, IP69K, type 4X
- Operating temperature range from -40 °C to +70 °C/-40 °F to +158 °F for outdoor applications
- Shock protection level up to IK06
- High vibration resistance with shakeproof connection screws (periodic retightening unnecessary)

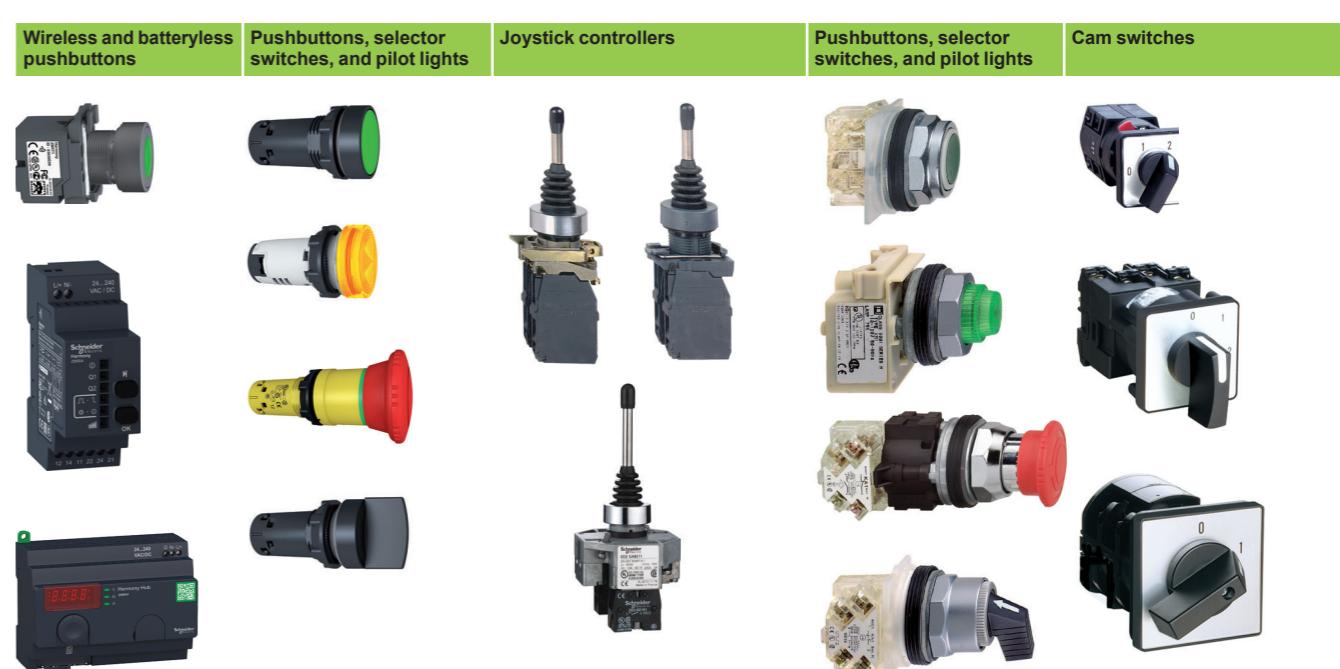
| Product type | Pilot lights | Pushbuttons, selector switches, and pilot lights | | | Biometric switches |
|--------------------------------|---|---|---|---|---|
| |  |  |  |  |  |
| |  |  |  |  | |
| |  |  |  |  | |
| |  |  |  |  | |
| |  |  |  |  | |
| Description of range | <ul style="list-style-type: none"> ■ 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) | | | | |
| Features | Products | Monolithic, compact, low consumption | Complete units or sub-assemblies (body + head) | | |
| | Bezel | Double insulated | Double insulated (4) | Metal, chromium plated, or black | Double insulated |
| | Shape of head | Circular | Circular, square, or rectangular | Circular | Circular |
| Drilling or cut-out for fixing | | Ø 8 mm and Ø 12 mm/0.315 in. and 0.472 in. | Ø 16 mm/0.630 in. | Ø 22 mm/0.866 in. Ø 30 mm/1.181 in. (for flush mounted control and signaling units) | Ø 22 mm/0.866 in. |
| Degree of protection | Conforming to IEC 60529 | IP40 IP65 with seal | IP65 | IP66, IP67, IP69, and IP69K | IP65 (control button) |
| | Conforming to UL 508 and CSA C22-2 No. 14 | – | Enclosure type 4, 4X, and 13 | | |
| Mounting | Panel thickness | 1...8 mm/ 0.039...0.315 in. | 1...6 mm/0.039...0.236 in. | | |
| Type references | XVLA | XB6, XB6E | XB4 | XB5 | XB5S |

(1) Flush mounted control and signaling units are available for Harmony XB4 and XB5 ranges only.

(1) Flush mounted control and signalling units are available for Harmony XB4 and XB5 ranges only.
 (2) Compatible with Magelis iPC, STU, OT, GXO, GT (except GT1000 series), GK, GH, and GTO models.

(2) Compatible with Magnatone, STC, STI, SRS, ST (except ST-1000 series), S

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



| | | | | |
|--|--|---|--|--|
| ■ Wireless and batteryless pushbuttons and rope pull switch ■ Wireless receivers ■ Harmony Hub | ■ 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 | ■ Switches ■ Stepping switches ■ Reversing and changeover switches ■ Ammeter switches ■ Voltmeter switches ■ Reversing switches ■ Star-delta and reversing star-delta switches ■ Pole change switches |
| Ready-to-use packs (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) |
| Metal, chromium plated, or double insulated, black | Double insulated, dark gray (or white for pilot lights) | Metal, chromium plated | Double insulated, black | Metal, chromium plated, or double insulated, black |
| Transmitter with circular head | Circular | Circular | Hexagonal | Square |
| Ø 22 mm/0.866 in. | | | Ø 30 mm/1.181 in. | Ø 16 or Ø 22 mm/0.630 or 0.866 in.: series K10 Ø 22 mm/0.866 in. and multifixing: series K1/K2 4 holes, 48 or 68 centers: series K30...K150 |
| IP65 | IP65 (control buttons and pilot lights) IP54 (Emergency switching off pushbuttons) | IP65 | IP66 | IP66 |
| Enclosure type 12 | Enclosure type 3 (pushbuttons and Emergency stop) and 4 (pilot lights) | Enclosure type 4, 4X and 13 | Enclosure type 4 and 13 (9001K) Enclosure type 4, 4X, 13 (9001SK) | – |
| Wireless (transmitter) Through cable (receiver) | Screw and captive clamp terminal connections Faston clip connections (pilot lights) | Screw and captive clamp terminal connections | | |
| 1...6 mm/0.039...0.236 in. | | | 0.5...6 mm/0.020...0.236 in. (depending on model) | |
| XB5R, XB4R | XB7 | XD4PA | XD2GA | XD5PA |
| | | | | 9001K, 9001SK |
| | | | | K10, K1, K2, K30, K50, |

(4) For Harmony XB6 only.

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

Description

Control and signaling units

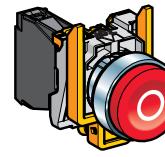
Harmony XB4, metal

Diameter 22 mm pushbuttons, switches, and pilot lights

Complete units, XB4B

Complete units

Contact functions



Pushbuttons, spring return,
with chromium plated metal
bezel

Flush push, unmarked
XB4BA•1/BA42
see page 31

Flush push, with marking
XB4BA•3•
see page 34

Projecting push, with marking
XB4BL4325
see page 34

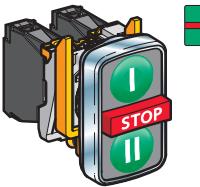
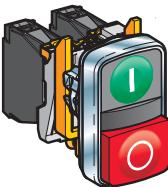
Pushbuttons, spring return,
with chromium plated metal
bezel

Booted flush push
XB4BP•1/BP42
see page 33

Projecting push, unmarked
XB4BL42
see page 32

Mushroom head
XB4BC21
see page 42

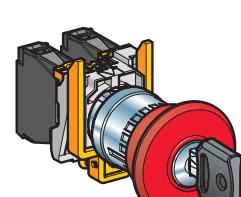
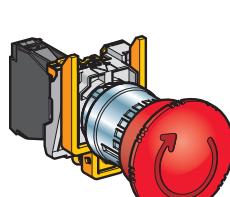
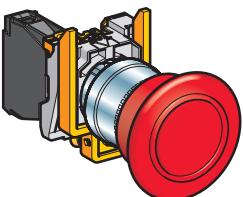
Ø 40 mm/
1.57 in.



Multiple-headed
pushbuttons, spring return,
with chromium plated metal
bezel

Double-headed
XB4BL73415
see page 39

Triple-headed
XB4BA731327/XB4BA711237
see page 41



Ø 40 mm/
1.57 in.

Emergency stop or
Emergency switching off
mushroom head
pushbuttons, Ø 40 mm/
1.57 in., with chromium
plated metal bezel

Emergency stop trigger action and mechanical latching
Push-pull (EN/ISO 13850)
XB4BT845
see page 44

Turn to release (EN/ISO 13850)
XB4BS844•
see page 44

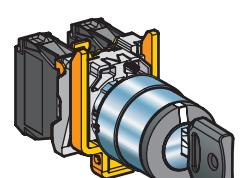
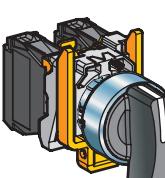
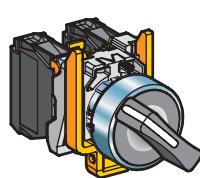
Key release (EN/ISO 13850)
XB4BS9445
see page 44

Selector switches and key
switches, with chromium
plated metal bezel

Standard handle, black
XB4BD•
see page 54

Long handle, black
XB4BJ•
see page 55

Key switch
XB4BG•
see page 56



Description (continued)

Control and signaling units

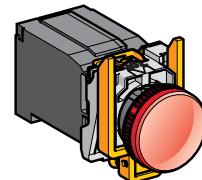
Harmony XB4, metal

Diameter 22 mm pushbuttons, switches, and pilot lights

Complete units, XB4B

Complete units

Signaling functions



Pilot lights

Universal LED

XB4BV6●/BVG●/BVM●
see page 60

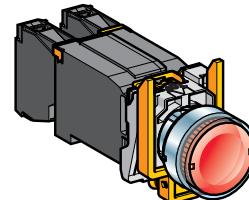
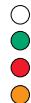
For bulb with BA 9s base fitting
Direct supply

XB4BV6●
see page 62

Via integral transformer with secondary

XB4BV3●/BV4●
see page 62

Combined functions (contact and signaling)



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

Universal LED

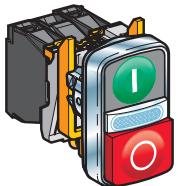
XB4BW3●B5/BW3●G5/BW3●M5
see page 35

For bulb with BA 9s base fitting
Direct supply

XB4BW3●65
see page 38

Via integral transformer

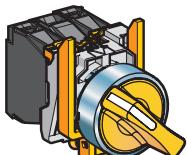
XB4BW3●35/BW3●45
see page 38



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

Universal LED

XB4BW73731●5
see page 40



Illuminated selector switches
with standard handle,
chromium plated metal bezel

Universal LED

XB4BK12●●5, XB4BK13●●5
see page 58

Description (continued)

Control and signaling units

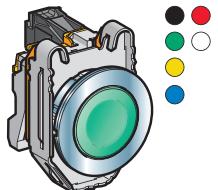
Harmony XB4, metal

Diameter 30 mm pushbuttons, switches, and pilot lights

Complete units, XB4F flush mounting

Complete units

Contact functions for Ø 30 mm mounting



Pushbuttons, spring return,
with chromium plated metal
bezel

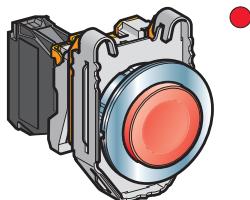


Flush push, unmarked
XB4FA•1/FA42
see page 79



Flush push, with marking
XB4FA•3••
see page 81

Projecting push, with marking
XB4FL4325
see page 81



Pushbuttons, spring return,
with chromium plated metal
bezel

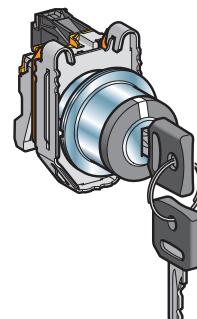
Projecting push, unmarked
XB4FL42
see page 80



Selector switches and key
switches, with chromium
plated metal bezel



Standard handle, black
XB4FD••
see page 87



Long handle, black
XB4FJ••
see page 88

Key switch
XB4FG••
see page 89

Description (continued)

Control and signaling units

Harmony XB4, metal

Diameter 30 mm pushbuttons, switches, and pilot lights

Complete units, XB4F flush mounting

Complete units

Signaling functions for Ø 30 mm mounting



Pilot lights

Universal LED

XB4FVB●/FVG●/FVM●
see [page 93](#)

Combined functions (contact and signaling) for Ø 30 mm mounting



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

Universal LED

XB4FW3●B5/FW3●G5/FW3●M5
see [page 82](#)



Illuminated selector switches
with standard handle,
chromium plated metal bezel

Universal LED

XB4FK12●●5, XB4FK13●●5
see [page 91](#)

Description

Control and signaling units

Harmony XB4, metal

Diameter 22 mm pushbuttons, switches, and pilot lights

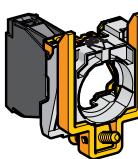
Sub-assemblies, ZB4B

Non illuminated units for user assembly

For pushbuttons,
spring return, unmarked

Contact functions

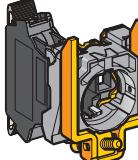
Body sub-assemblies



Screw clamp
terminals
ZB4BZ10•/BZ141
see page 100



Faston
ZB4BZ10•3
see page 106



Spring clamp
terminals
ZBE10•5
ZB4BZ10•5
see page 103

For pushbuttons,
spring return, with marking

For multiple-headed
pushbuttons, spring return

For "push-push to release"
pushbuttons

Head sub-assemblies, chromium plated or black metal bezel



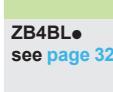
Flush push
without cap
ZB4BA0
see page 31



Flush push
with set of 6 caps
ZB4BA9
see page 31



Flush push
ZB4BA•
see page 31



Flush push for
insertion of legend
ZB4BA•8
see page 31



Projecting push
ZB4BL•
see page 32



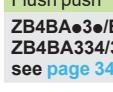
Recessed push
ZB4BA•6
see page 33



Booted flush/
projecting push
ZB4BP•/ BP•S
see page 33



Booted flush push
for insertion of legend
ZB4BP•8
see page 33



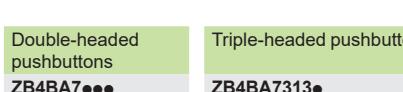
Flush push
ZB4BA•3/B4A•4
ZB4BA334/335
see page 34



Projecting push
ZB4BL•3•
see page 34



Double-headed
pushbuttons
ZB4BA7•••
ZB4BA79
ZB4BL734•
see page 39



Triple-headed pushbuttons
ZB4BA7313•
ZB4BA711••
ZB4BA72124
ZB4BA791
see page 41



Flush push
ZB4BH0•
see page 52



Projecting push
ZB4BH•
see page 52

Description (continued)

Control and signaling units

Harmony XB4, metal

Diameter 22 mm pushbuttons, switches, and pilot lights

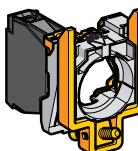
Sub-assemblies, ZB4B

Non illuminated units for user assembly (continued)

For mushroom head pushbuttons

Contact functions

Body sub-assemblies



Screw clamp terminals
ZB4BZ10•/BZ141
see page 100

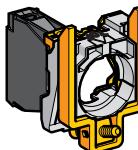
Head sub-assemblies, chromium plated or black metal bezel



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

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

For Emergency Stop or Emergency switching off mushroom head pushbuttons



Faston
ZB4BT10•3
see page 106

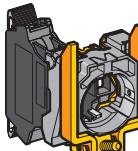


Ø 30 mm/1.181 in.
Ø 40 mm/1.575 in.
Ø 60 mm/2.362 in.

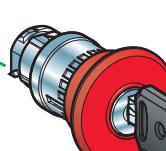


Ø 30 mm/1.181 in.
Ø 40 mm/1.575 in.
Ø 60 mm/2.362 in.

Emergency stop trigger action and mechanical latching



Spring clamp terminals
ZBE10•5
ZB4BZ10•5
see page 103



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

Key release (EN/ISO 13850)

ZB4BS9•4
see page 45

Turn to release (EN/ISO 13850)
ZB4BS8•4
see page 45

For selector switches and key switches

Spring clamp terminals
ZB4BD•
see page 54



Standard black
handle (1)
ZB4BD•
see page 54

Long black handle
(1)
ZB4BJ•
see page 55

Knurled black knob
(1)
ZB4BD•9
see page 57



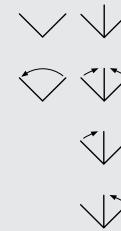
Key switch (2)
ZB4BG••/
BG•TEC10
see page 56

For toggle switches

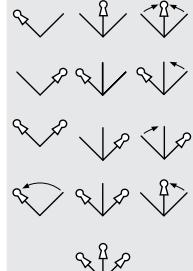


2-position lever (3)
ZB4BD•8, see page 57

(1) Switch handle and knob positions



(2) Key switch positions ♀ Key withdrawal positions



(3) Lever positions



Description (continued)

Control and signaling units

Harmony XB4, metal

Diameter 22 mm pushbuttons, switches, and pilot lights

Sub-assemblies, ZB4B

Pilot lights for user assembly

Signaling functions

Body sub-assemblies with Universal LED



UN
Universal
for all color heads

Connection: screw clamp
terminals

**ZB4BVJ1 / BVB1 / BVG1 /
BVM1**
see page 108

Connection: plug-in connector

ZB4BVB1 / BVG1 / BVM1

please contact our Customer
Care Center

Head sub-assemblies



With lens fitted

ZB4BV0•3
see page 61



With 5 separate lenses, not fitted

ZB4BV003
see page 61

Body sub-assemblies for BA 9s bulb



Direct supply
Connection: screw clamp
terminals

ZB4BV1
see page 110



Via integral transformer
Connection: screw clamp
terminals

ZB4BV•D•
see page 110

Head sub-assemblies



With lens fitted

ZB4BV0•, ZB4BV0•S
see page 62

Description (continued)

Control and signaling units

Harmony XB4, metal

Diameter 22 mm pushbuttons, switches, and pilot lights

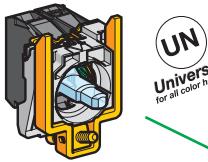
Sub-assemblies, ZB4B

Illuminated pushbuttons for user assembly

For illuminated pushbuttons, spring return

Combined functions (contact and signaling)

Body sub-assemblies with Universal LED



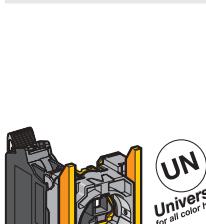
Screw clamp terminals

ZB4BW0B / BW0G / BW0M
see page 107



For illuminated double-headed pushbuttons, spring return

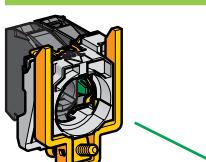
Plug-in connector
ZB4BW0B
please contact our Customer Care Center



Spring clamp terminals

ZBV
see page 104

Body sub-assemblies for BA 9s bulb



Direct supply or via integral transformer
Screw clamp terminals

ZB4BW0***
see page 109

Head sub-assemblies, chromium plated or black metal bezel



Flush push

ZB4BW3•3

see page 36



Flush push with illuminated ring

ZB4BW9•3

see page 36



Flush push for insertion of legend

ZB4BA•8

see page 36



Booted flush push

ZB4BW5•3

see page 36

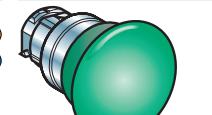


Projecting push

ZB4BW1•3,

ZB4BW1•3S

see page 37



Mushroom head, spring return

ZB4BW4•3

see page 42



Double-headed (flush/flush push) + central pilot light
Double-headed (flush/projecting push) + central pilot light

ZB4BW7A17•• / ZB4BW7A374• / ZB4BW7A9, see page 40

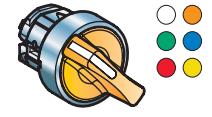
ZB4BW7L374•, see page 40



Flush or projecting "push-push to release"

ZB4BH0•3/BH•3

see page 53



Selector switches with standard handle

ZB4BK1•3

see page 59

Mushroom head, latching

ZB4BW6•3

see page 43

Emergency switching off,
mechanical latching, push-pull

ZB4BW643

see page 47

Head sub-assemblies, chromium plated or black metal bezel



Flush push

ZB4BW3•,

ZB4BW3•S

see page 38



Projecting push

ZB4BW1•,

ZB4BW1•S

see page 38

Description

Control and signaling units

Harmony XB4, metal

Diameter 30 mm pushbuttons, switches, and pilot lights

Sub-assemblies, ZB4F flush mounting heads

Non illuminated units for user assembly

For pushbuttons,
spring return, unmarked

Contact functions for Ø 30 mm mounting

Body sub-assemblies



Screw clamp
terminals

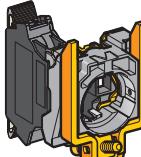
ZB4BZ10•/BZ141
see page 100



Faston

ZB4BZ10•3
see page 106

For pushbuttons,
spring return, with marking



Spring clamp
terminals

ZBE10•5
ZB4BZ10•5
see page 103

For "push-push to release"
pushbuttons

Head sub-assemblies, chromium plated or black metal bezel



Flush push
without cap
ZB4FA0
see page 79



Flush push
with set of 6 caps
ZB4FA9
see page 79



Flush push
ZB4FA•
see page 79



Flush push for
insertion of legend
ZB4FA•8
see page 79



Projecting push
ZB4FL•
see page 80



Recessed push
ZB4FA•6
see page 79



Flush push
ZB4FA•3•/FA•4•
ZB4FA334/335
see page 81



Projecting push
ZB4FL•3•
see page 81



Flush push
ZB4FH0•
see page 85



Projecting push
ZB4FH•
see page 85

Description (continued)

Control and signaling units

Harmony XB4, metal

Diameter 30 mm pushbuttons, switches, and pilot lights

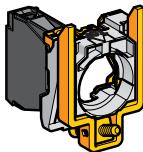
Sub-assemblies, ZB4F flush mounting heads

Non illuminated units for user assembly (continued)

For selector switches and key switches

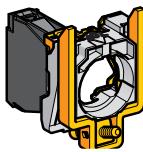
Contact functions for Ø 30 mm mounting

Body sub-assemblies



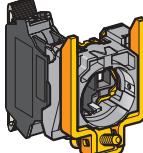
Screw clamp terminals

ZB4BZ10•/BZ141
see page 100



Faston

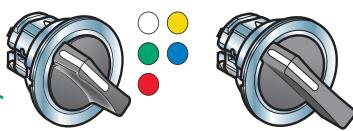
ZB4BZ10•3
see page 106



Spring clamp terminals

ZBE10•5
ZB4BZ10•5
see page 103

Head sub-assemblies, chromium plated or black metal bezel



Standard black handle (1)

ZB4FD•
see page 87

Long black handle (1)

ZB4FJ•
see page 88

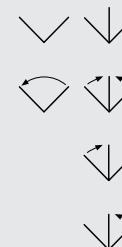
Knurled black knob (1)

ZB4FD•9
see page 90

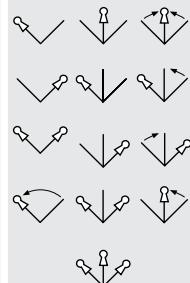
Key switch (2)

ZB4FG••
see page 89

(1) Switch handle and knob positions



(2) Key switch positions
Key withdrawal positions



Control and signaling units

Harmony XB4, metal

Diameter 30 mm pushbuttons, switches, and pilot lights

Sub-assemblies, ZB4F 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

ZB4BVJ / BVB / BVG /
BVM
see page 108

Connection: plug-in
connector

ZB4BVB / BVG / BVM
please contact our
Customer Care Center

With lens fitted
ZB4FV0•3
see page 93

Description (continued)

Control and signaling units

Harmony XB4, metal

Diameter 30 mm pushbuttons, switches, and pilot lights

Sub-assemblies, ZB4F flush mounting heads

Illuminated pushbuttons for user assembly

For illuminated pushbuttons, spring return

Combined functions (contact and signaling) for Ø 30 mm mounting

Body sub-assemblies with Universal LED



UN
Universal
for all color heads

Screw clamp terminals

ZB4BW0B / BW0G /
BW0M
see page 107



UN
Universal
for all color heads

Plug-in connector

ZB4BW0B
please contact our
Customer Care Center



UN
Universal
for all color heads

Spring clamp terminals

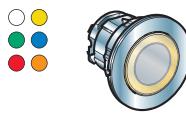
ZBV
see page 104

Head sub-assemblies, chromium plated or black metal bezel



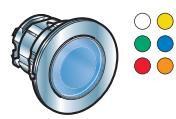
Flush push

ZB4FW3•3
see page 83



Flush push with
illuminated ring

ZB4FW9•3
see page 83



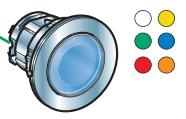
Flush push for insertion of legend

ZB4FA•8
see page 83



Projecting push

ZB4FW1•3
see page 84



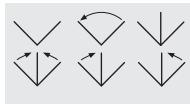
Flush or projecting "push-push to release"

ZB4FH0•3/FH•3
see page 86



Selector switches with standard handle

ZB4FK1•3
see page 92



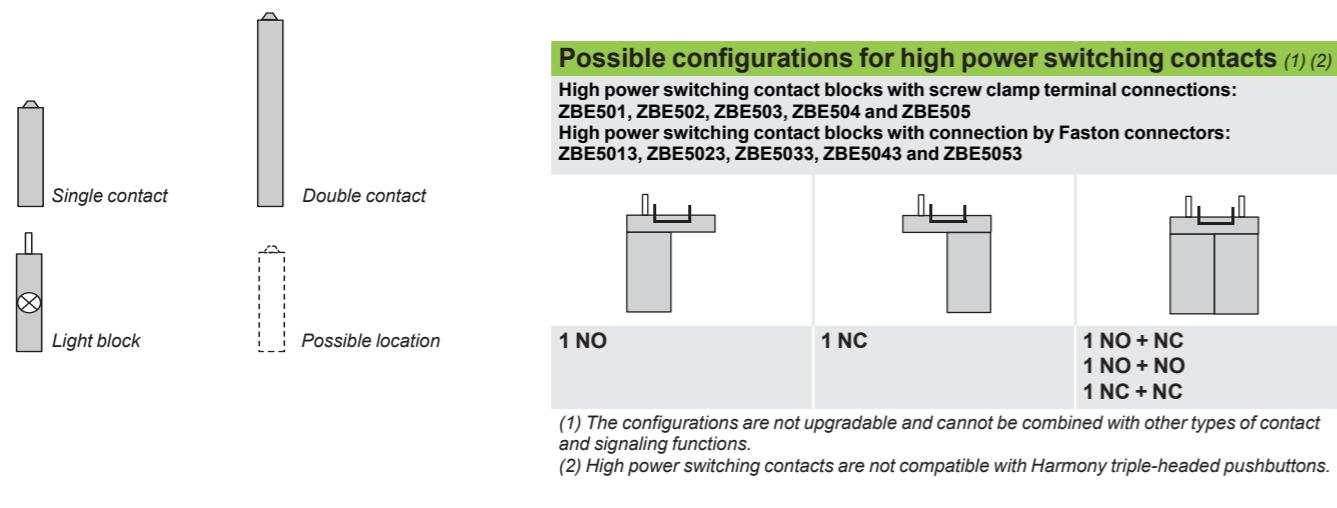
For illuminated
"push-push to release"
pushbuttons and
illuminated selector
switches with standard
handle

Control and signaling units

Harmony XB4 metal

Contact mounting - Contact sequence

| Maximum recommended configurations to help ensure compliance with catalog characteristics | | | |
|---|--|--|--|
| Unit type (complete units XB4B and XB4F, heads ZB4B and ZB4F) | Pushbuttons, spring return XB4BA•, ZB4BA•, XB4FA•, ZB4FA•, (except ZB4BA•8 and ZB4FA•8) XB4BC•, ZB4BC•, XB4BL•, ZB4BL•, XB4BP•, ZB4BP•, ZB4BR•, XB4FL•, ZB4FL• Triple-headed pushbuttons XB4BA731327, XB4BA711137, ZB4BA7313•, ZB4BA7111•, ZB4BA72124, ZB4BA791 | Double-headed pushbuttons XB4BL73415, ZB4BA712•, ZB4B•734•, ZB4BA79 | Illuminated pushbuttons, spring return XB4BW•, ZB4BW•, ZB4BA•8 Double-headed pushbuttons + pilot light block XB4BW73731•5, ZB4BW7A17••, ZB4BW7•374•, ZB4BW7A9 |
| Solution using single contacts | | | |
| | | | |
| Solution using single and double contacts | | | |
| | | | |
| Maximum recommended configurations | Single contacts 9 3 3 Light block | Double contacts 6 2 2 - | 6 2 2 1 |



| Emergency stop or Emergency switching off XB4BT•, ZB4BT•, XB4BS•, ZB4BS• | Selector switches ■ Standard handle XB4BD•, ZB4BD•, XB4FD•, ZB4FD• ■ Long handle XB4BJ•, ZB4BJ•, XB4FJ•, ZB4FJ• ■ Knurled knob ZB4BD•9, ZB4FD•9 ■ Key switch XB4BG•, ZB4BG•, XB4FG•, ZB4FG• | Illuminated selector switches, standard handle XB4BK•, ZB4BK•, XB4FK•, ZB4FK• | Toggle switches ZB4BD•8 | Pushbuttons, push-push ZB4BH•, ZB4FH• | Illuminated pushbuttons, push-push ZB4BH•3, ZB4FH•3 |
|---|---|--|----------------------------|--|--|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| Unit type | Selector switches | 2-position | 3-position |
|---------------------------|-------------------|---------------|------------|
| Head Pusher | | | |
| | Position | Not activated | |
| | | Activated | |
| | Contact location | | |
| Contacts ZBE. | NO | | |
| | NC | | |
| L left, C center, R right | | | |
| □ open ■ closed | | | |

Harmony XB4, Metal

For Ø 22 mm mounting

Control and signaling units

Harmony XB4, metal

Diameter 22 mm spring return pushbuttons, unmarked

110092



XB4BA51

101192



ZB4BA0

XB4_632_CPODA2016021



ZB4BA4

110051



ZB4BA38

XB4_632_CPSCT1114B



ZB4BA98

103541



ZB4BA34

Pushbuttons with flush push (1)

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

| Shape of head | Type of push | Type of contact | Color of push | Reference | Weight kg/lb |
|---------------------------|---|-----------------|---------------|---|--------------|
| Complete units (2) | | | | | |
| | Flush | 1 NO | — | White XB4BA11 (ZB4BZ101 + ZB4BA1) | 0.080/0.176 |
| | | | | Black XB4BA21 (6) (ZB4BZ101 + ZB4BA2) | 0.080/0.176 |
| | | | | Green XB4BA31 (6) (ZB4BZ101 + ZB4BA3) | 0.080/0.176 |
| | | | | Yellow XB4BA51 (ZB4BZ101 + ZB4BA5) | 0.080/0.176 |
| | | | | Blue XB4BA61 (ZB4BZ101 + ZB4BA6) | 0.080/0.176 |
| | | — 1 | Red | XB4BA42 (6) (ZB4BZ102 + ZB4BA4) | 0.080/0.176 |
| Heads only | | | | | |
| | Without cap (3) | | — | ZB4BA0 | 0.028/0.062 |
| | Flush, with set of 6 colored caps | | 6 colors (4) | ZB4BA9 | 0.038/0.084 |
| | Flush (2) | | White | ZB4BA1 | 0.029/0.064 |
| | | | Black | ZB4BA2 | 0.029/0.064 |
| | | | Green | ZB4BA3 | 0.029/0.064 |
| | | | Red | ZB4BA4 | 0.029/0.064 |
| | | | Yellow | ZB4BA5 | 0.029/0.064 |
| | | | Blue | ZB4BA6 | 0.029/0.064 |
| | | | Gray | ZB4BA8 | 0.029/0.064 |
| | Flush with transparent cap for insertion of legend (5) | | White | ZB4BA18 | 0.028/0.062 |
| | | | Green | ZB4BA38 | 0.028/0.062 |
| | | | Red | ZB4BA48 | 0.028/0.062 |
| | | | Orange | ZB4BA58 | 0.028/0.062 |
| | | | Blue | ZB4BA68 | 0.028/0.062 |
| | Illuminated flush pushbutton head, with set of 6 colored caps | | 6 colors | ZB4BA98 | 0.022/0.049 |
| | Flush (high bezel) (2) | | White | ZB4BA14 | 0.034/0.075 |
| | | | Black | ZB4BA24 | 0.034/0.075 |
| | | | Green | ZB4BA34 | 0.034/0.075 |
| | | | Red | ZB4BA44 | 0.034/0.075 |
| | | | Yellow | ZB4BA54 | 0.034/0.075 |
| | | | Blue | ZB4BA64 | 0.034/0.075 |

Heads with black metal bezel

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

Example: **ZB4BA0** becomes **ZB4BA07**.

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 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 68).

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

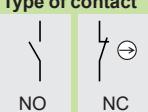
(5) For legend ordering information, see page 75.

(6) To order products with 1 NO and 1 NC contact, replace the last digit of the commercial reference with a 5. Example: **XB4BA21** becomes **XB4BA25**.

Control and signaling units

Harmony XB4, metal

Diameter 22 mm spring return pushbuttons, unmarked

| Pushbuttons with projecting push (1) (2) | | | | | |
|---|--------------|---|---------------|---------------------------------------|--------------|
| Screw clamp terminal connections (Schneider Electric anti-loosening system) | | | | | |
| Shape of head | Type of push | Type of contact | Color of push | Reference | Weight kg/lb |
| | |  NO NC | | | |
| Complete units | | | | | |
|  | Projecting | - 1 | Red | XB4BL42 (ZB4BZ102 + ZB4BL4) | 0.081/0.179 |
| Heads only | | | | | |
|  | Projecting | | White | ZB4BL1 | 0.030/0.066 |
| | | | Black | ZB4BL2 | 0.030/0.066 |
| | | | Green | ZB4BL3 | 0.030/0.066 |
| | | | Red | ZB4BL4 | 0.030/0.066 |
| | | | Yellow | ZB4BL5 | 0.030/0.066 |
| | | | Blue | ZB4BL6 | 0.030/0.066 |

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [page 28](#) and [29](#).

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

101168



XB4BL42

101217



ZB4BL1

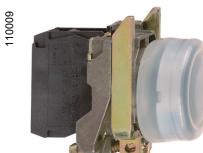
Control and signaling units

Harmony XB4, metal

Diameter 22 mm spring return pushbuttons, unmarked



ZB4BA36



XB4BP21



ZB4BP18



ZB4BP2S



ZB4BP183

Pushbuttons with recessed push (1) (2)

High guard

| Shape of head | Type of push | Color | Reference | Weight kg/lb |
|-------------------|-----------------------|--------|-----------|--------------|
| Heads only | | | | |
| | Recessed (high guard) | White | ZB4BA16 | 0.034/0.075 |
| | | Black | ZB4BA26 | 0.034/0.075 |
| | | Green | ZB4BA36 | 0.034/0.075 |
| | | Red | ZB4BA46 | 0.034/0.075 |
| | | Yellow | ZB4BA56 | 0.034/0.075 |
| | | Blue | ZB4BA66 | 0.034/0.075 |

Pushbuttons with silicone booted head for severe environments (1)

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

| Shape of head | Type of push | Type of contact | Color of push | Reference | Weight kg/lb |
|---------------------------|---|-----------------|---------------|-----------|-----------------------------|
| Complete units (2) | | | | | |
| | | NO | | | |
| | | NC | | | |
| | Booted, clear silicone (color of push unobscured) | 1 | — | Black | XB4BP21 (ZB4BZ101 + ZB4BP2) |
| | | — | 1 | Green | XB4BP31 (ZB4BZ101 + ZB4BP3) |
| | | — | 1 | Yellow | XB4BP51 (ZB4BZ101 + ZB4BP5) |
| | | — | 1 | Blue | XB4BP61 (ZB4BZ101 + ZB4BP6) |
| | | — | 1 | Red | XB4BP42 (ZB4BZ102 + ZB4BP4) |

Silicone booted heads only, with increased protection (IP69K)

| | | | | |
|------------|---|--------|-------------|-------------|
| Flush | Clear boot (3) | White | ZB4BP18 (2) | 0.034/0.075 |
| | For insertion of protected legend within head (4) | Green | ZB4BP38 (2) | 0.034/0.075 |
| | | Red | ZB4BP48 | 0.034/0.075 |
| | | Yellow | ZB4BP58 (2) | 0.034/0.075 |
| | | Blue | ZB4BP68 | 0.034/0.075 |
| Projecting | Clear boot (3) (2) | White | ZB4BP1 | 0.031/0.068 |
| | | Black | ZB4BP2 (6) | 0.031/0.068 |
| | | Green | ZB4BP3 (6) | 0.031/0.068 |
| | | Red | ZB4BP4 (6) | 0.031/0.068 |
| | | Yellow | ZB4BP5 | 0.031/0.068 |
| | | Blue | ZB4BP6 | 0.031/0.068 |

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

| | | | | |
|-------|------------------|--------|---------|-------------|
| Flush | Colored boot (5) | White | ZB4BP1S | 0.034/0.075 |
| | | Black | ZB4BP2S | 0.034/0.075 |
| | | Green | ZB4BP3S | 0.034/0.075 |
| | | Red | ZB4BP4S | 0.034/0.075 |
| | | Yellow | ZB4BP5S | 0.034/0.075 |
| | | Blue | ZB4BP6S | 0.034/0.075 |

Clear membrane (5) (2)

For insertion of protected legend within head (4)

| | | |
|--------|----------|-------------|
| White | ZB4BP183 | 0.026/0.057 |
| Green | ZB4BP383 | 0.026/0.057 |
| Red | ZB4BP483 | 0.026/0.057 |
| Yellow | ZB4BP583 | 0.026/0.057 |
| Blue | ZB4BP683 | 0.026/0.057 |

Heads with black metal bezel

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

Example: ZB4BP18 becomes ZB4BP187.

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.

(2) To add customized markings on these references using the web 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 75.

(5) For replacement of silicone protection element without dismantling head, see page 69.

(6) To order a flush push type product, insert "A" before the last digit of the commercial reference. Example: ZB4BP2 becomes ZB4BPA2.

Control and signaling units

Harmony XB4, metal

Diameter 22 mm spring return pushbuttons, with marking

| Pushbuttons with flush or projecting push ⁽¹⁾ | | | | | | | |
|---|--------------|-----------------|----------------------|---------------|--------------------------|---|-------------|
| Screw clamp terminal connections (Schneider Electric anti-loosening system) | | | | | | | |
| Shape of head | Type of push | Type of contact | Marking Text (color) | Color of push | Reference | Weight kg/lb | |
| N/O | | N/C | | | | | |
| Complete units | | | | | | | |
| | Flush | 1 | — | "I" (White) | Green | XB4BA3311 (ZB4BZ101 + ZB4BA331) | |
| | Flush | — | 1 | "O" (White) | Red | XB4BA4322 (ZB4BZ102 + ZB4BA432) | |
| | Flush (2) | 1 | — | ↑ (Black) | White | XB4BA3341 (ZB4BZ101 + ZB4BA334) | |
| | Flush (2) | 1 | — | ↓ (White) | Black | XB4BA3351 (ZB4BZ101 + ZB4BA335) | |
| Heads only | | | | | | | |
| | Flush | | "I" (White) | Green | ZB4BA331 | 0.029/0.064 | |
| | | | "I" (Black) | White | ZB4BA131 | 0.029/0.064 | |
| | | | "START" (white) | Green | ZB4BA333 | 0.029/0.064 | |
| | | | "START" (Black) | White | ZB4BA133 | 0.029/0.064 | |
| | | | "ON" (White) | Green | ZB4BA341 | 0.029/0.064 | |
| | | | ↑ (White) | Black | ZB4BA245 | 0.029/0.064 | |
| | | | ↑ (Black) | White | ZB4BA145 | 0.029/0.064 | |
| | | | "O" (White) | Red | ZB4BA432 | 0.029/0.064 | |
| | | | | Black | ZB4BA232 | 0.029/0.064 | |
| | | | "STOP" (White) | Red | ZB4BA434 | 0.029/0.064 | |
| | | | | Black | ZB4BA234 | 0.029/0.064 | |
| | | | ↑ (Black) (2) | White | ZB4BA334 | 0.029/0.064 | |
| | | | | ↓ (White) (2) | Black | ZB4BA335 | 0.029/0.064 |
| | Projecting | | "O" (White) | Red | ZB4BL432 | 0.030/0.066 | |
| | | | | Black | ZB4BL232 | 0.030/0.066 | |
| | | | "STOP" (White) | Red | ZB4BL434 | 0.030/0.066 | |
| | | | | Black | ZB4BL234 | 0.030/0.066 | |

Heads with black metal bezel

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

Example: **ZB4BA331** becomes **ZB4BA3317**.

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.

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



XB4BA4322



ZB4BA331



ZB4BA334



ZB4BL432

Control and signaling units

Harmony XB4, metal

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

| Illuminated pushbuttons with flush push (1) (2) | | | | | | |
|---|---------------|-----------------|-------------------------|---------------|--|--------------|
| 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 |
| Complete units - With plain lens | | | | | | |
| | Universal LED | 1 NO NC | 24 ~ 50/60 Hz | White | XB4BW31B5 (ZB4BW0B15 + ZB4BW313) | 0.097/0.214 |
| | | | | Green | XB4BW33B5 (ZB4BW0B15 + ZB4BW333) | 0.097/0.214 |
| | | | | Red | XB4BW34B5 (ZB4BW0B15 + ZB4BW343) | 0.097/0.214 |
| | | | | Orange | XB4BW35B5 (ZB4BW0B15 + ZB4BW353) | 0.097/0.214 |
| | | | | Blue | XB4BW36B5 (ZB4BW0B15 + ZB4BW363) | 0.097/0.214 |
| | | | 110...120 ~ 50/60 Hz | White | XB4BW31G5 (ZB4BW0G15 + ZB4BW313) | 0.097/0.214 |
| | | | | Green | XB4BW33G5 (ZB4BW0G15 + ZB4BW333) | 0.097/0.214 |
| | | | | Red | XB4BW34G5 (ZB4BW0G15 + ZB4BW343) | 0.097/0.214 |
| | | | | Orange | XB4BW35G5 (ZB4BW0G15 + ZB4BW353) | 0.097/0.214 |
| | | | | Blue | XB4BW36G5 (ZB4BW0G15 + ZB4BW363) | 0.097/0.214 |
| | | | 230...240 ~ 50/60 Hz | White | XB4BW31M5 (ZB4BW0M15 + ZB4BW313) | 0.097/0.214 |
| | | | | Green | XB4BW33M5 (ZB4BW0M15 + ZB4BW333) | 0.097/0.214 |
| | | | | Red | XB4BW34M5 (ZB4BW0M15 + ZB4BW343) | 0.097/0.214 |
| | | | | Orange | XB4BW35M5 (ZB4BW0M15 + ZB4BW353) | 0.097/0.214 |
| | | | | Blue | XB4BW36M5 (ZB4BW0M15 + ZB4BW363) | 0.097/0.214 |

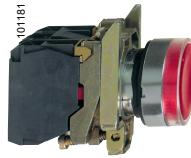
(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.

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

101180



XB4BW33B5



XB4BW34G5

Control and signaling units

Harmony XB4, metal

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



ZB4BW333



ZB4BW983



ZB4BW563



ZB4BA98

Illuminated pushbuttons with flush push (1)

| Shape of head | Type of push | Color | Reference | Weight kg/lb |
|---|--|--|-------------|-----------------|
| Heads only (2) - With plain lens | | | | |
| | Flush (3) | White | ZB4BW313 | 0.026/0.057 |
| | | Green | ZB4BW333 | 0.026/0.057 |
| | | Red | ZB4BW343 | 0.026/0.057 |
| | | Orange | ZB4BW353 | 0.026/0.057 |
| | | Yellow | ZB4BW383 | 0.026/0.057 |
| | | Blue | ZB4BW363 | 0.026/0.057 |
| | Flush with illuminated ring | White | ZB4BW913 | 0.026/0.057 |
| | | Green | ZB4BW933 | 0.026/0.057 |
| | | Red | ZB4BW943 | 0.026/0.057 |
| | | Orange | ZB4BW953 | 0.026/0.057 |
| | | Yellow | ZB4BW983 | 0.026/0.057 |
| | | Blue | ZB4BW963 | 0.026/0.057 |
| | Flush with clear boot (IP69K) (3) | White | ZB4BW513 | 0.031/0.068 |
| | | Green | ZB4BW533 | 0.031/0.068 |
| | | Red | ZB4BW543 | 0.031/0.068 |
| | | Orange | ZB4BW553 | 0.031/0.068 |
| | | Yellow | ZB4BW583 | 0.031/0.068 |
| | | Blue | ZB4BW563 | 0.031/0.068 |
| | Flush for insertion of legend (4) (IP69K) | White | ZB4BA18 | 0.028/0.062 |
| | | Green | ZB4BA38 | 0.028/0.062 |
| | | Red | ZB4BA48 | 0.028/0.062 |
| | | Orange | ZB4BA58 | 0.028/0.062 |
| | | Yellow | ZB4BA88 (3) | 0.028/0.062 |
| | | Blue | ZB4BA68 | 0.028/0.062 |
| | Illuminated flush pushbutton head, with set of 6 colored caps | White, green, red, orange, yellow, and blue | ZB4BA98 | 0.022/0.049 |

Heads only (2) - With grooved lens (5) (3)

| | | | |
|-------|--------|-----------|-------------|
| Flush | White | ZB4BW313S | 0.026/0.057 |
| | Green | ZB4BW333S | 0.026/0.057 |
| | Red | ZB4BW343S | 0.026/0.057 |
| | Orange | ZB4BW353S | 0.026/0.057 |
| | Yellow | ZB4BW383S | 0.026/0.057 |
| | Blue | ZB4BW363S | 0.026/0.057 |

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 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 75.

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

Control and signaling units

Harmony XB4, metal

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

101242



ZB4BW113

| Illuminated pushbuttons with projecting push (1) | | | | |
|--|--------------|--------|-----------|--------------|
| Shape of head | Type of push | Color | Reference | Weight kg/lb |
| Heads only (2) - With plain lens (3) | | | | |
| | Projecting | White | ZB4BW113 | 0.029/0.064 |
| | | Green | ZB4BW133 | 0.029/0.064 |
| | | Red | ZB4BW143 | 0.029/0.064 |
| | | Orange | ZB4BW153 | 0.029/0.064 |
| | | Yellow | ZB4BW183 | 0.029/0.064 |
| | | Blue | ZB4BW163 | 0.029/0.064 |

Heads with black metal bezel

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

Example 1: ZB4BW113 becomes ZB4BW1137.

Example 2: ZB4BW113S becomes ZB4BW113S7.

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [page 28](#) and [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 XB4, metal

Diameter 22 mm illuminated pushbuttons, spring return, with BA 9s base fitting

Illuminated pushbuttons with flush push (1)

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

| Shape of head | Description | Type of contact | Supply voltage V | Color of push | Reference | Weight kg/lb |
|---|---|-----------------|----------------------------------|---------------|--|--------------|
| | | NO NC | | | | |
| Complete units - With plain lens | | | | | | |
|  | Direct supply for bulb with BA 9s base fitting, 2.4 W max (bulb not included) | 1 1 | ≤ 250 | White | XB4BW3165 (ZB4BW065 + ZB4BW31) | 0.097/0.214 |
| | | | | Green | XB4BW3365 (ZB4BW065 + ZB4BW33) | 0.097/0.214 |
| | | | | Red | XB4BW3465 (ZB4BW065 + ZB4BW34) | 0.097/0.214 |
| | | | | Orange | XB4BW3565 (ZB4BW065 + ZB4BW35) | 0.097/0.214 |
|  | Via integral transformer 1.2 VA, 6 V secondary, incandescent bulb with BA 9s base fitting (bulb included) | 1 1 | 110...120 ~ 50/60 Hz | White | XB4BW3135 (ZB4BW035 + ZB4BW31) | 0.169/0.373 |
| | | | | Green | XB4BW3335 (ZB4BW035 + ZB4BW33) | 0.169/0.373 |
| | | | | Red | XB4BW3435 (ZB4BW035 + ZB4BW34) | 0.169/0.373 |
| | | | | Orange | XB4BW3535 (ZB4BW035 + ZB4BW35) | 0.169/0.373 |
| | | | 230 ~ 50 Hz 220...240 ~ 60 Hz | White | XB4BW3145 (ZB4BW045 + ZB4BW31) | 0.170/0.375 |
| | | | | Green | XB4BW3345 (ZB4BW045 + ZB4BW33) | 0.170/0.375 |
| | | | | Red | XB4BW3445 (ZB4BW045 + ZB4BW34) | 0.170/0.375 |
| | | | | Orange | XB4BW3545 (ZB4BW045 + ZB4BW35) | 0.170/0.375 |
| Heads only (2) - With plain lens | | | | | | |
|  | Flush | | | White | ZB4BW31 | 0.027/0.060 |
| | | | | Green | ZB4BW33 | 0.027/0.060 |
| | | | | Red | ZB4BW34 | 0.027/0.060 |
| | | | | Orange | ZB4BW35 | 0.027/0.060 |
| | | | | Blue | ZB4BW36 | 0.027/0.060 |
| | | | | Clear | ZB4BW37 | 0.027/0.060 |

Illuminated pushbuttons with projecting push (1)

Heads only (2) - With plain lens

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

Heads with black metal bezel

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

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

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.

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

101182



XB4BW3545

101244



ZB4BW33

101243



ZB4BW14

Control and signaling units

Harmony XB4 metal

Diameter 22 mm multiple-headed pushbuttons, spring return



XB4BL73415



ZB4BA7121



ZB4BL7341

| Double-headed pushbuttons (1) Screw clamp terminal connections (Schneider Electric anti-loosening system) | | | | | |
|--|--|-----------------|--|------------|--------------|
| Shape of head | Description | Type of contact | Color and marking of caps (2) | Reference | Weight kg/lb |
| | | NO NC | | | |
| Complete units | | | | | |
| | 2 pushes (1 flush Black + 1 projecting Red) | 1 1 | White "I" on Green background White "O" on Red background | XB4BL73415 | 0.116/0.256 |
| Heads only (5) | | | | | |
| | 2 flush Black pushes | | White and Black background, unmarked | ZB4BA7120 | 0.056/0.123 |
| | | | Black "I" on White background White "O" on Black background | ZB4BA7121 | 0.056/0.123 |
| | | | Green and Red background, unmarked | ZB4BA7340 | 0.056/0.123 |
| | | | White "I" on Green background White "O" on Red background | ZB4BA7341 | 0.056/0.123 |
| | | | Without cap (3) | ZB4BA79 | 0.056/0.123 |
| | | | | | |
| | 1 flush Black push 1 projecting Red push (4) 1 clear central pilot light | | Green and Red background, unmarked | ZB4BL7340 | 0.056/0.123 |
| | | | White "I" on Green background White "O" on Red background | ZB4BL7341 | 0.056/0.123 |

(1) Recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.

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

(3) Caps to be ordered separately: see page 41.

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

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

References

Control and signaling units

Harmony XB4 metal

Diameter 22 mm multiple-headed pushbuttons, spring return



XB4BW73731•5



ZB4BW7A1721



ZB4BW7A3741

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

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

| Shape of head | Description | Type of contact | Color and marking of caps (2) | Pilot light voltage V | Reference | Weight kg/lb |
|---------------|-------------|-----------------|-------------------------------|-----------------------|-----------|--------------|
| | | NO NC | | | | |

Complete units

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

Heads only (5)

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

| | | | |
|--|--|--|---|
| | 1 flush Black push 1 projecting Red push 1 clear central pilot light (4) | Green and Red background, unmarked | ZB4BW7L3740 0.056/0.123 |
| | 1 flush Black push 1 projecting Red push 1 clear central pilot light (4) | White "I" on Green background White "O" on Red background | ZB4BW7L3741 0.056/0.123 |

Heads with black metal bezel

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

(1) Recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.

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

(3) Caps to be ordered separately: see page 41.

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

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

Control and signaling units

Harmony XB4 metal

Diameter 22 mm multiple-headed pushbuttons, spring return



XB4BA731327



ZB4BA73133



ZB4BA71124



ZBA7235



ZBA7432



ZBA709

| Shape of head | Description | Type of contact | Color and marking of caps (3) | Reference | Weight kg/lb |
|---------------|-------------|-----------------|-------------------------------|-----------|--------------|
| | | NO NC NO | | | |

Complete units

| | | | | | | | |
|--|---|---|---|---|---|-------------|-------------|
| | 2 flush Black pushes + 1 central projecting Red push marked "Stop" in White | 1 | 1 | 1 | White "I" on Green background White "II" on Green background | XB4BA731327 | 0.128/0.282 |
| | | | | | Black "→" on White background White "↔" on Black background | XB4BA711237 | 0.128/0.282 |

Heads only

| | | | | |
|--|---|--|------------|-------------|
| | 2 flush Black pushes + 1 central projecting Red push marked "Stop" in White | White "↔" on Green background White "→" on Green background | ZB4BA73133 | 0.056/0.123 |
| | | White "↑" on Green background White "↓" on Green background | ZB4BA73134 | 0.056/0.123 |
| | | Black "↔" on White background Black "→" on White background | ZB4BA71115 | 0.056/0.123 |
| | | Black "↑" on White background White "↓" on Black background | ZB4BA71124 | 0.056/0.123 |
| | | Without cap (4) | ZB4BA791 | 0.056/0.123 |

Specific accessories for multiple-headed pushbuttons

| Description | Background color | Marking | Sold in lots of | Reference | Weight kg/lb |
|---|--|---|----------------------|--|--------------|
| Caps only for clip-on mounting (5) on: - ZB4BA79 double-headed pushbuttons - ZB4BW7A9 double-headed pushbuttons + central pilot light block - ZB4BA791 triple-headed pushbuttons | White | Unmarked "I" Black "→" Black "+" Black | 10 10 10 10 | ZBA71 ZBA7131 ZBA7134 ZBA7138 | 0.010/0.022 |
| | Black | Unmarked "O" White "→" White "I" White | 10 10 10 10 | ZBA72 ZBA7232 ZBA7235 ZBA7237 | 0.010/0.022 |
| | Green | Unmarked "I" White "↑" White | 10 10 10 | ZBA73 ZBA7331 ZBA7335 | 0.010/0.022 |
| | Red | Unmarked "O" White | 10 10 | ZBA74 ZBA7432 | 0.010/0.022 |
| | Yellow | Unmarked | 10 | ZBA75 | 0.010/0.022 |
| | Blue | Unmarked | 10 | ZBA76 | 0.010/0.022 |
| Clear silicone boots (6) | For 2 flush pushes For 3 pushes For 1 flush push + 1 projecting push | — — — | 10 10 10 | ZBA708 ZBA709 ZBA710 | 0.055/0.121 |

Heads with black metal bezel

To order, add the suffix 7 to the references selected above.

Example: ZB4BA73132 becomes ZB4BA731327.

(1) Recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 28 and 29.

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

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

(4) Caps to be ordered separately: see section "Specific accessories for multiple-headed pushbuttons" 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 XB4, metal

Diameter 22 mm mushroom head pushbuttons, spring return

101162



XB4BC21

101205



ZB4BC44

100120



ZB4BC6

101124



ZB4BR5

P5113999



ZB4BW413

Mushroom head pushbuttons (1) (2)

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

| Shape of head | Type of push | Type of contact | Push Ø (mm)/in. | Color | Reference | Weight kg/lb |
|---------------|--------------|-----------------|--------------------|-------|-----------|--------------|
| | | NO | | | | |
| | | NC | | | | |

Complete units

| | | | | | | | |
|--|---------------|---|---|----------|-------|---------------------------------------|-------------|
| | Mushroom head | 1 | – | 40/1.575 | Black | XB4BC21 (ZB4BZ101 + ZB4BC2) | 0.122/0.269 |
|--|---------------|---|---|----------|-------|---------------------------------------|-------------|

Heads only

| | | | | | |
|--|---------------|----------|--------|----------------|-------------|
| | Mushroom head | 30/1.181 | Black | ZB4BC24 | 0.075/0.165 |
| | | | Green | ZB4BC34 | 0.075/0.165 |
| | | | Red | ZB4BC44 | 0.075/0.165 |
| | | | Yellow | ZB4BC54 | 0.075/0.165 |
| | | | Blue | ZB4BC64 | 0.075/0.165 |

| | | | |
|----------|--------|---------------|-------------|
| 40/1.575 | Black | ZB4BC2 | 0.074/0.163 |
| | Green | ZB4BC3 | 0.074/0.163 |
| | Red | ZB4BC4 | 0.074/0.163 |
| | Yellow | ZB4BC5 | 0.074/0.163 |
| | Blue | ZB4BC6 | 0.074/0.163 |

| | | | |
|----------|--------|---------------|-------------|
| 60/2.362 | Black | ZB4BR2 | 0.093/0.205 |
| | Green | ZB4BR3 | 0.093/0.205 |
| | Red | ZB4BR4 | 0.093/0.205 |
| | Yellow | ZB4BR5 | 0.093/0.205 |
| | Blue | ZB4BR6 | 0.093/0.205 |

Illuminated mushroom head pushbuttons (1) (2)

Universal LED

| Shape of head | Type of push | Push Ø (mm)/in. | Color | Reference | Weight kg/lb |
|-----------------------|---------------|--------------------|--------|-----------------|--------------|
| Heads only (3) | | | | | |
| | Mushroom head | 40/1.575 | White | ZB4BW413 | 0.051/0.112 |
| | | | Green | ZB4BW433 | 0.051/0.112 |
| | | | Red | ZB4BW443 | 0.051/0.112 |
| | | | Orange | ZB4BW453 | 0.051/0.112 |
| | | | Blue | ZB4BW463 | 0.051/0.112 |



Heads with black metal bezel

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

Example: ZB4BC24 becomes ZB4BC247.

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

Therefore, it is recommended that a legend with a Black or White background is used.

(2) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.

(3) Only for use with bodies comprising a light block with Universal LED.

Control and signaling units

Harmony XB4, metal

Diameter 22 mm mushroom head pushbuttons, latching

110130



ZB4BT2

PG113908



ZB4BS62

110136



ZB4BS72

Mushroom head pushbuttons (1)(2)

| Shape of head | Type of reset | Push Ø (mm)/in. | Color | Reference | Weight kg/lb |
|-------------------|------------------|--------------------|--------|-----------|-----------------|
| Heads only | | | | | |
| | Push-pull | 40/1.575 | Black | ZB4BT2 | 0.077/0.170 |
| | | | | | |
| | Turn to release | 30/1.181 | Black | ZB4BS42 | 0.066/0.146 |
| | | | | | |
| | | 40/1.575 | Black | ZB4BS52 | 0.070/0.154 |
| | | | | | |
| | | 40/1.575 | Yellow | ZB4BS55 | 0.070/0.154 |
| | | | | | |
| | | 60/2.362 | Black | ZB4BS62 | 0.090/0.198 |

XB4_632_CPODA42016012



ZB4BW653

Illuminated mushroom head pushbuttons (1) (2)

Universal LED

| Shape of head | Type of reset | Push Ø (mm)/in. | Color | Reference | Weight kg/lb |
|-------------------|------------------|--------------------|--------|-----------|-----------------|
| Heads only | | | | | |
| | Mushroom head | 40/1.575 | White | ZB4BW613 | 0.051/0.112 |
| | | | Green | ZB4BW633 | 0.051/0.112 |
| | | | Orange | ZB4BW653 | 0.051/0.112 |
| | | | Blue | ZB4BW663 | 0.051/0.112 |

Heads with black metal bezel

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

Example: ZB4BT2 becomes ZB4BT27.

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

Therefore, it is recommended that a legend with a Black or White background is used.

(2) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.

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

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

Control and signaling units

Harmony XB4, metal

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 to standard EN/IEC 60947-5-5.

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

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

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

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

| Shape of head | Type of reset | Type of contact | Push Ø (mm)/in. | Reference | Weight kg/lb |
|--|---|-----------------|-----------------|---|--------------|
| Complete units | | | | | |
|  XB4BT845 |  Push-pull | NO | – | 40/1.575 Red XB4BT842 (ZB4BZ102 + ZB4BT84) | 0.125/0.276 |
| | | NC | 1 | 40/1.575 Red XB4BT845 (ZB4BZ105 + ZB4BT84) | 0.136/0.300 |
| Turn to release | | | | | |
|  XB4BS9445 |  Turn to release | – | – | 1 40/1.575 Red XB4BS8446 (ZBE302 + ZB4BZ009 + ZB4BS844) | 0.121/0.266 |
| | | – | 1 | 40/1.575 Red XB4BS8442 (ZB4BZ102 + ZB4BS844) | 0.118/0.260 |
| | | – | 1 | 40/1.575 Red XB4BS84462 (ZBE302 + ZB4BZ102 + ZB4BS844) | 0.133/0.293 |
| | | – | 2 | 40/1.575 Red XB4BS8444 (ZB4BZ104 + ZB4BS844) | 0.130/0.287 |
| | | 1 | 2 | 40/1.575 Red XB4BS84441 (ZB4BZ141 + ZB4BS844) | 0.140/0.309 |
| Key release (key 455) (3) | | | | | |
|  XB4BS9445 |  Key release (key 455) (3) | 1 | 1 | – 40/1.575 Red XB4BS9445 (ZB4BZ105 + ZB4BS944) | 0.170/0.375 |
| | | – | – | 40/1.575 Red XB4BS9445 (ZB4BZ105 + ZB4BS944) | 0.170/0.375 |

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.

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

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

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

Control and signaling units

Harmony XB4, metal
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 to standard EN/IEC 60947-5-5.

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

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

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

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

Heads only

| Shape of head | Type of reset | Push Ø (mm)/in. | Color | Reference | Weight kg/lb |
|---------------|--|-----------------|-------|-----------|--------------|
| | Push-pull | 30/1.181 | Red | ZB4BT844 | 0.078/0.172 |
| | | 40/1.575 | Red | ZB4BT84 | 0.078/0.172 |
| | | 60/2.362 | Red | ZB4BX84 | 0.098/0.216 |
| | Turn to release | 30/1.181 | Red | ZB4BS834 | 0.068/0.150 |
| | | 40/1.575 | Red | ZB4BS844 | 0.073/0.161 |
| | | 60/2.362 | Red | ZB4BS864 | 0.093/0.205 |
| | Key release (key 455) 2 keys included with head (3) (4) | 30/1.181 | Red | ZB4BS934 | 0.094/0.207 |
| | | 40/1.575 | Red | ZB4BS944 | 0.098/0.216 |
| | | 60/2.362 | Red | ZB4BS964 | 0.118/0.260 |

Heads with black metal bezel

To order, add a 7 to the references selected from above.
Example: ZB4BT844 becomes ZB4BT8447.

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 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.



ZB4BT844



ZB4BS834



ZB4BS964

Control and signaling units

Harmony XB4, metal
Illuminated rings for Emergency stop
For diameter 22 mm, circular yellow legends for
Emergency stop



ZBY9W2B330

| 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 |



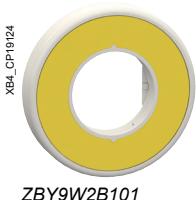
ZBY9W3B140



ZBY9W2B501



ZBY9W101



ZBY9W2B101

Ø 60 mm/2.362 in., No marking
can be used with Fixed, red 24 V~ - 1 ZBY9W2E

Carre used with
all Ø 22 mm/0.866
in., heads

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

| Illuminated rings for MACH300 head publications | | | | | | | |
|---|---------|--------------------|----------------|--------|-----------------|------------|--------------|
| 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 web customization tool, see [page 47](#).

References

Control and signaling units

Harmony XB4, metal

Diameter 22 mm, illuminated emergency switching off function

Circular yellow legends for Emergency stop



ZBY9121



ZBY9420



ZB4BW643



ZBY9160

Circular yellow legends for Emergency stop (1) (2)

| 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 |

Illuminated Emergency switching off function only, mechanical latching pushbuttons (3)

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

| Shape of head | Type of reset | Push Ø (mm)/in. | Color | Reference | Weight kg/lb |
|-----------------------|---------------|--------------------|-------|-----------|--------------|
| Heads only (4) | | | | | |
| | Push-pull | 40/1.575 | Red | ZB4BW643 | 0.051/0.112 |

Circular yellow legends for ZB4BW643

| Diameter mm/in. | Conforming to standards | Marking on yellow background | Sold in lots of | Unit reference | Weight kg/lb |
|--|-------------------------|------------------------------|-----------------|----------------|--------------|
| Used for "Emergency switching off" function | | | | | |
| 60/2.362 | EN/IEC 60204-1 | - | 10 | ZBY9101 (5) | 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 (5) | 0.008/0.018 |
| | | COUPURE D'URGENCE | 10 | ZBY8160 | 0.008/0.018 |

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

(2) For other legend models for Emergency stop and Emergency switching off function see next page.

(3) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [page 28](#) and [29](#).

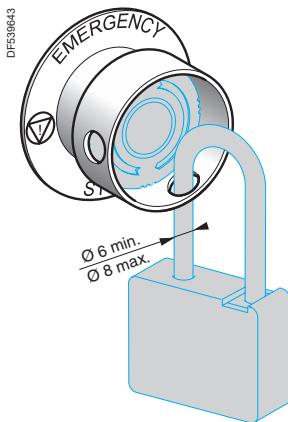
(4) For use with bodies comprising a light source with Universal LED only.

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

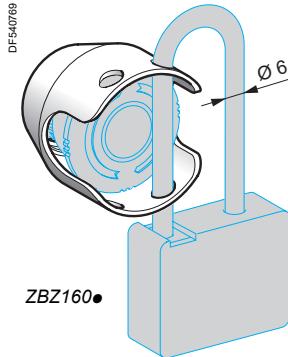
Control and signaling units

Harmony XB4, metal

For diameter 22 mm, accessories for pushbuttons



ZBZ3605



ZBZ160●



ZBZ1605



ZBY9330T

| Accessories for mushroom head pushbuttons | | | | |
|---|---|-------|-----------|--------------|
| Description | Exclusive use with the following Ø 40 mm/1.575 in. trigger action pushbuttons | Color | Reference | Weight kg/lb |

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

| | | | | |
|---|--|-----------------|---------|-------------|
| Metal guards For Emergency stop and Emergency switching off function Padlockable (5) | XB4BT8● XB4BS8● XB4BS9● ZB4BT8● ZB4BS8● ZB4BS9● | Chromium plated | ZBZ1600 | 0.046/0.101 |
|---|--|-----------------|---------|-------------|

| | | |
|-------|---------|-------------|
| Black | ZBZ1602 | 0.046/0.101 |
|-------|---------|-------------|

| | | |
|-----|---------|-------------|
| Red | ZBZ1604 | 0.046/0.101 |
|-----|---------|-------------|

| | | |
|--------|---------|-------------|
| Yellow | ZBZ1605 | 0.046/0.101 |
|--------|---------|-------------|

| | | |
|------|---------|-------------|
| Blue | ZBZ1606 | 0.046/0.101 |
|------|---------|-------------|

| Description | Marking | Color | Sold in lots of | Reference | Weight kg/lb |
|-------------|---------|-------|-----------------|-----------|--------------|
|-------------|---------|-------|-----------------|-----------|--------------|

| | | | | | |
|--|---------|--------|----|----------|-------------|
| Ø 60 mm/2.362 in. legend for padlocking device ZBZ3605 For Emergency stop function (3) | Without | Yellow | 10 | ZBY9140T | 0.004/0.009 |
|--|---------|--------|----|----------|-------------|

| | | | | |
|--------------------|--------|----|----------|-------------|
| ARRET D'URGENCE | Yellow | 10 | ZBY9130T | 0.004/0.009 |
|--------------------|--------|----|----------|-------------|

| | | | | |
|-------------------|--------|----|----------|-------------|
| EMERGENCY STOP | Yellow | 10 | ZBY9330T | 0.004/0.009 |
|-------------------|--------|----|----------|-------------|

| | | | | |
|----------|--------|----|----------|-------------|
| NOT-HALT | Yellow | 10 | ZBY9230T | 0.004/0.009 |
|----------|--------|----|----------|-------------|

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

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

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

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

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



Circular yellow legends for metal guard ZBZ16●●

| 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●● | Without | 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●● | Without | 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 |

References

Control and signaling units

Harmony XB4, metal

Diameter 22 mm accessories for pushbuttons

Bellows for harsh environments



| Other accessories | | | | | |
|-------------------|---|--------|-----------|--------------|--|
| Description | For use with | Color | Reference | Weight kg/lb | |
| Plastic guard | Selector switches and key switches | Black | ZBZ2102 | 0.005/0.011 | |
| | Emergency stop and Emergency switching off function | Yellow | ZB4BZ1905 | 0.005/0.011 | |
| | | Yellow | ZB4BZ2105 | 0.005/0.011 | |
| | | Yellow | ZB4BZ2005 | 0.005/0.011 | |



| | | | | | |
|----------------------|---------------|---|------------------------------|-----------|-------------|
| XB4_632_CPODA2016016 | Plastic guard | Emergency stop and Emergency switching off function | Round guard 63.5 mm/ 2.5 in. | ZB4BZ1905 | 0.005/0.011 |
| | | | Round guard 76.2 mm/ 3 in. | ZB4BZ2105 | 0.005/0.011 |
| | | | Narrow flange guard | ZB4BZ2005 | 0.005/0.011 |



| | | | | | |
|-----------|-------------------|-------------|--------|---------|-------------|
| ZB4BZ2005 | Padlockable flaps | Pushbuttons | Black | ZB4BZ62 | 0.076/0.168 |
| | | | Red | ZB4BZ64 | 0.076/0.168 |
| | | | Yellow | ZB4BZ65 | 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 XB4 page.

Control and signaling units

Harmony XB4 metal

Diameter 22 mm large head pushbuttons with integrated bellows



ZB4BC580



ZB4BC28001



Contact + ZB4BC28001



Contact + ZB4BC28001RA



ZBZ1902



ZBZ60

Pushbuttons with integrated bellow

| Shape of head | Colour of push | Symbol | Reference | Weight kg/lb |
|---|----------------|----------|----------------------------|--------------|
| Heads only, Ø 37 mm without marking | | | | |
| Flush | White | — | ZB4BC180 | 0.036/0.079 |
| | | — | ZB4BC280 | 0.036/0.079 |
| | Green | — | ZB4BC380 | 0.036/0.079 |
| | Red | — | ZB4BC480 | 0.036/0.079 |
| | Yellow | — | ZB4BC580 | 0.036/0.079 |
| | Blue | — | ZB4BC680 | 0.036/0.079 |
| Heads only, Ø 37 mm with marking (1) | | | | |
| Flush | Black | Bell | ZB4BC28001 | 0.036/0.079 |
| | | Specific | ZB4BC58009 | 0.036/0.079 |
| | Black | Specific | ZB4BC28010 | 0.036/0.079 |
| | Red | 0 | ZB4BC48021 | 0.036/0.079 |
| | Green | I | ZB4BC38023 | 0.036/0.079 |

Accessories

| Description | Function | Reference | Weight kg/lb |
|---|---|-----------------------------|--------------|
| Protective guard in plastic | Protection against accidental operation | ZBZ1902 (2) | 0.010/0.022 |
| Boot for contact block ZBE10●, ZBE10●3 and ZBE50● (3) | Protection against liquid and dust ingress | ZBZ60 | 0.098/0.216 |
| Other versions | Customization with marking at your choice (texts or symbols) Rotation of head for horizontal mounting of the contact block (1) Please contact our Customer Care Centre. | | |

(1) Heads are fixed relative to the position of the contact blocks:

- contact blocks are normally used in the "vertical" position.

- to mount the contact block in the "horizontal" position, it is necessary to order an alternative head with the symbol rotated by 90°. Please add the suffix "RA" in the end of the references for alternative heads of your choice.

Example: ZB4BC28001 becomes ZB4BC28001RA.

(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 XB4, metal

Diameter 22 mm pushbuttons, push-push

| Pushbuttons with flush push (1) (2) | | | | |
|---|--------------|---------------|-------------------------|--------------|
| Shape of head | Type of push | Color of push | Reference | Weight kg/lb |
| Heads only | | | | |
|  | Flush (3) | White | ZB4BH01 | 0.029/0.064 |
| | | Black | ZB4BH02 | 0.029/0.064 |
| | | Green | ZB4BH03 | 0.029/0.064 |
| | | Red | ZB4BH04 | 0.029/0.064 |
| | | Yellow | ZB4BH05 | 0.029/0.064 |
| | | Blue | ZB4BH06 | 0.029/0.064 |

110045



ZB4BH02

| Pushbuttons with projecting push (1) (3) | | | | |
|--|--------------|---------------|------------------------|--------------|
| Shape of head | Type of push | Color of push | Reference | Weight kg/lb |
| Heads only | | | | |
|  | Projecting | White | ZB4BH1 | 0.029/0.064 |
| | | Black | ZB4BH2 | 0.029/0.064 |
| | | Green | ZB4BH3 | 0.029/0.064 |
| | | Red | ZB4BH4 | 0.029/0.064 |
| | | Yellow | ZB4BH5 | 0.029/0.064 |
| | | Blue | ZB4BH6 | 0.029/0.064 |

110048



ZB4BH6

Heads with black metal bezel

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

- (1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.
- (2) Caps to be ordered separately (see page 68)
- (3) To add customized markings on these references using the web customization tool, see page 5.

Control and signaling units

Harmony XB4, metal

Diameter 22 mm illuminated pushbuttons, push-push,
with Universal LED

110051



ZB4BH033

XB4_632_CPSCT16036



ZB4BH083

Illuminated pushbuttons with flush push (1) (2)

| Shape of head | Type of push | Color of lens | Reference | Weight kg/lb |
|-----------------------|-----------------|------------------|-----------|-----------------|
| Heads only (3) | | | | |
| | Flush | White | ZB4BH013 | 0.026/0.057 |
| | | Green | ZB4BH033 | 0.026/0.057 |
| | | Red | ZB4BH043 | 0.026/0.057 |
| | | Orange | ZB4BH053 | 0.026/0.057 |
| | | Yellow | ZB4BH083 | 0.026/0.057 |
| | | Blue | ZB4BH063 | 0.026/0.057 |

110168



ZB4BH63

Illuminated pushbuttons with projecting push (1) (2)

| Shape of head | Type of push | Color of lens | Reference | Weight kg/lb |
|-----------------------|-----------------|------------------|-----------|-----------------|
| Heads only (3) | | | | |
| | Projecting | White | ZB4BH13 | 0.026/0.057 |
| | | Green | ZB4BH33 | 0.026/0.057 |
| | | Red | ZB4BH43 | 0.026/0.057 |
| | | Orange | ZB4BH53 | 0.026/0.057 |
| | | Yellow | ZB4BH83 | 0.026/0.057 |
| | | Blue | ZB4BH63 | 0.026/0.057 |

Heads with black metal bezel

To order, add a 7 to the references selected from above.
Example: ZB4BH013 becomes ZB4BH0137.

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.

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

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

Control and signaling units

Harmony XB4, metal

Diameter 22 mm selector switches with standard handle

Selector switches with standard handle (1)

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

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

Complete units



Standard handle, black

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

Heads only (2)



Standard handle, black

| | | | |
|------------------|------------------------------------|--------|-------------|
| 2-position 90° | Stay put | ZB4BD2 | 0.040/0.088 |
| | Spring return from right to left | ZB4BD4 | 0.045/0.099 |
| 3-position ± 45° | Stay put | ZB4BD3 | 0.040/0.088 |
| | Spring return to center | ZB4BD5 | 0.040/0.088 |
| | Spring return from left to center | ZB4BD7 | 0.040/0.088 |
| | Spring return from right to center | ZB4BD8 | 0.040/0.088 |

Heads only with other colored handles



Standard handle, white

Add suffix 01 to the reference, example: ZB4BD201

Standard handle, green

Add suffix 03 to the reference, example: ZB4BD203

Standard handle, red

Add suffix 04 to the reference, example: ZB4BD204

Standard handle, yellow

Add suffix 05 to the reference, example: ZB4BD205

Standard handle, blue

Add suffix 06 to the reference, example: ZB4BD206

Heads with black metal bezel

For heads with standard black handle only. To order, add the suffix 7 to the references selected from above.

Example: ZB4BD2 becomes ZB4BD27.

(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact) associated with the head, see page 28 and 29.

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



XB4BD33



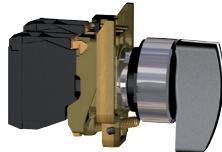
ZB4BD4

Control and signaling units

Harmony XB4, metal

Diameter 22 mm selector switches with long handle:
normal and padlockable

PF106190



ZB4BJ33

PF106196



ZB4BJ3

Selector switches with long handle (1)

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

| Shape of head | Type of operator | Type of contact | | Positions | | Reference | Weight kg/lb |
|-----------------------|-----------------------|-----------------|----|---------------------|----------------------------|-----------|---|
| | | NO | NC | Number | Type | | |
| Complete units | | | | | | | |
| | Long handle, black | 1 | - | 2-position 90° | Stay put | | XB4BJ21 (ZB4BZ101 + ZB4BJ2) 0.096/0.212 |
| | | 2 | - | 3-position ± 45° | Stay put | | XB4BJ33 (ZB4BZ103 + ZB4BJ3) 0.096/0.212 |
| | | | | | Spring return to center | | XB4BJ53 (ZB4BZ103 + ZB4BJ5) 0.096/0.212 |

Heads only

| | | | | | | |
|--|---------------------------|---------------------|--|--|--------|-------------|
| | Long handle, black (2) | 2-position 90° | Stay put | | ZB4BJ2 | 0.040/0.088 |
| | | | Spring return from right to left | | ZB4BJ4 | 0.045/0.099 |
| | | 3-position ± 45° | Stay put | | ZB4BJ3 | 0.040/0.088 |
| | | | Spring return to center | | ZB4BJ5 | 0.040/0.088 |
| | | | Spring return from left to center | | ZB4BJ7 | 0.040/0.088 |
| | | | Spring return from right to center | | ZB4BJ8 | 0.040/0.088 |

Heads with black metal bezel

To order, add a 7 to the references selected from above.
Example: ZB4BJ2 becomes ZB4BJ27.

(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact) associated with the head, see [page 28](#) and [29](#).

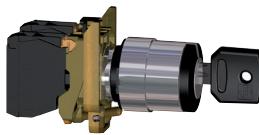
(2) To add customized markings on these references using the web customization tool, see [page 5](#).

Control and signaling units

Harmony XB4, metal

Diameter 22 mm key switches

Key 455, 421E, 458A, 520E, and 3131A

| Shape of head | Type of operator | Type of contact | Positions | | Reference | Weight kg/lb | | | | |
|--|---|---------------------|-----------|---------------------------------------|---|--|--|--|--|--|
| | | | Number | Type | | | | | | |
| Key switches (1) (2) | | | | | | | | | | |
| Screw clamp terminal connections (Schneider Electric anti-loosening system) | | | | | | | | | | |
| | | | NO | NC | | | | | | |
| Complete units | | | | | | | | | | |
|  XB4BG33 |  Key switch with key 455 | 1 | – | 2-position 90° | Stay put |  XB4BG21 (ZB4BZ101 + ZB4BG2) 0.153/0.337 | | | | |
| | | | | Spring return to left | |  XB4BG41 (ZB4BZ101 + ZB4BG4) 0.153/0.337 | | | | |
| | | 2 | – | 3-position ± 45° | Stay put |  XB4BG61 (ZB4BZ101 + ZB4BG6) 0.153/0.337 | | | | |
| | | | | Spring return to left | |  XB4BG03 (ZB4BZ103 + ZB4BG0) 0.153/0.337 | | | | |
| | | | | Spring return from right to left | |  XB4BG33 (ZB4BZ103 + ZB4BG3) 0.153/0.337 | | | | |
| Heads only | | | | | | | | | | |
|  ZB4BG0 |  Key switch with key 455 (3) | 2-position 90° | – | Stay put |  ZB4BG2 0.098/0.216 | | | | | |
| | | | | Spring return from right to left | |  ZB4BG02 0.098/0.216 | | | | |
| | | 3-position ± 45° | – | Stay put |  ZB4BG4 0.098/0.216 | | | | | |
| | | | | Spring return from right to left | |  ZB4BG6 0.098/0.216 | | | | |
| | | | | Stay put | |  ZB4BG0 0.098/0.216 | | | | |
| | | | | Stay put | |  ZB4BG03 0.098/0.216 | | | | |
| | | | | Stay put | |  ZB4BG04 0.098/0.216 | | | | |
| | | | | Stay put | |  ZB4BG3 0.098/0.216 | | | | |
| | | | | Stay put | |  ZB4BG5 0.098/0.216 | | | | |
| | | | | Stay put | |  ZB4BG9 0.098/0.216 | | | | |
| | | | | Stay put | |  ZB4BG09 0.098/0.216 | | | | |
| | | | | Spring return from left to center | |  ZB4BG1 0.098/0.216 | | | | |
| | | | | Spring return from left to center | |  ZB4BG01 0.098/0.216 | | | | |
| | | | | Spring return to center | |  ZB4BG7 0.098/0.216 | | | | |
| | | | | Spring return from right to center | |  ZB4BG8 0.098/0.216 | | | | |
| | | | | Spring return from right to center | |  ZB4BG05 0.098/0.216 | | | | |
| | | | | Spring return from right to center | |  ZB4BG08 0.098/0.216 | | | | |
| Heads with black metal bezel | | | | | | | | | | |

To order, add a 7 to the references selected from above. Example: **ZB4BG2** becomes **ZB4BG27**.

(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact associated with the head, see page 28 and 29).

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

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

Control and signaling units

Harmony XB4, metal

Diameter 22 mm key switches with TEC10 key

Selector switches with knurled knob, toggle switches



ZB4BG2TEC10

Key switches with TEC10 key

| Shape of head | Type of operator | Positions | | Reference | Weight kg/lb |
|-------------------|---------------------------|-------------------|--|-----------|-------------------------|
| | | Number | Type | | |
| Heads only | | | | | |
| | Key switch with TEC10 key | 2-position 90° | Stay put | | ZB4BG2TEC10 0.160/0.353 |
| | | | Spring return from right to left | | ZB4BG4TEC10 0.160/0.353 |
| | | | | | ZB4BG6TEC10 0.170/0.375 |

Selector switches with knurled knob (1)

| Shape of head | Type of operator | Positions | | Reference | Weight kg/lb |
|-------------------|---------------------|-------------------|--|-----------|---------------------|
| | | Number | Type | | |
| Heads only | | | | | |
| | Black knurled knob | 2-position 90° | Stay put | | ZB4BD29 0.043/0.095 |
| | | | Spring return from right to left | | ZB4BD49 0.050/0.110 |
| | | | Spring return to center | | ZB4BD59 0.040/0.088 |
| | | | Spring return from right to center | | ZB4BD89 0.040/0.088 |

Toggle switches (1)

| Shape of head | Type of operator | Positions | | Reference | Weight kg/lb |
|-------------------|---------------------|-------------------|---------------|-----------|---------------------|
| | | Number | Type | | |
| Heads only | | | | | |
| | Black lever | 2-position 90° | Stay put | | ZB4BD28 0.026/0.057 |
| | | | Spring return | | ZB4BD48 0.026/0.057 |

Heads with black metal bezel

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

Example: ZB4BD29 becomes ZB4BD297.

For the references with TEC10 key, add the 7 before TEC10.

Example: ZB4BG2TEC10 becomes ZB4BG27TEC10.

(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact) associated with the head, see page 28 and 29.

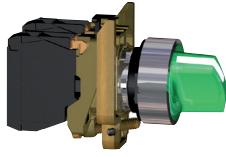
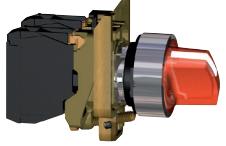


ZB4BD29

Control and signaling units

Harmony XB4, metal

Diameter 22 mm Illuminated selector switches with standard handle, with universal light block

| Illuminated selector switches with standard handle, with universal light block (1) Screw clamp terminal connections (Schneider Electric anti-loosening system) | | | | | | | |
|---|------------------|-----------------|-----------------------------|--------------------|-----------------|--|--------------|
| Shape of head | Type of operator | Type of contact | Positions Number Type | Supply voltage V | Color of handle | Reference | Weight kg/lb |
| Complete units | | | | | | | |
| PF106192  XB4BK123B5 | Standard handle | 1 | 1 2-position Stay put | 24 ~ (50/60 Hz) | Green | XB4BK123B5 (ZB4BW0B15 + ZB4BK1233) | 0.101/0.223 |
| | | | | | Red | XB4BK124B5 (ZB4BW0B15 + ZB4BK1243) | 0.101/0.223 |
| | | | | | Orange | XB4BK125B5 (ZB4BW0B15 + ZB4BK1253) | 0.101/0.223 |
| | | | 110...120 ~ (50/60 Hz) | Green | Green | XB4BK123G5 (ZB4BW0G15 + ZB4BK1233) | 0.101/0.223 |
| | | | | | Red | XB4BK124G5 (ZB4BW0G15 + ZB4BK1243) | 0.101/0.223 |
| | | | | | Orange | XB4BK125G5 (ZB4BW0G15 + ZB4BK1253) | 0.101/0.223 |
| | | | 230...240 ~ (50/60 Hz) | Green | Green | XB4BK123M5 (ZB4BW0M15 + ZB4BK1233) | 0.101/0.223 |
| | | | | | Red | XB4BK124M5 (ZB4BW0M15 + ZB4BK1243) | 0.101/0.223 |
| | | | | | Orange | XB4BK125M5 (ZB4BW0M15 + ZB4BK1253) | 0.101/0.223 |
| PF106193  XB4BK134B5 | | 1 | 1 3-position Stay put | 24 ~ (50/60 Hz) | Green | XB4BK133B5 (ZB4BW0B15 + ZB4BK1333) | 0.101/0.223 |
| | | | | | Red | XB4BK134B5 (ZB4BW0B15 + ZB4BK1343) | 0.101/0.223 |
| | | | | | Orange | XB4BK135B5 (ZB4BW0B15 + ZB4BK1353) | 0.101/0.223 |
| | | | 110...120 ~ (50/60 Hz) | Green | Green | XB4BK133G5 (ZB4BW0G15 + ZB4BK1333) | 0.101/0.223 |
| | | | | | Red | XB4BK134G5 (ZB4BW0G15 + ZB4BK1343) | 0.101/0.223 |
| | | | | | Orange | XB4BK135G5 (ZB4BW0G15 + ZB4BK1353) | 0.101/0.223 |
| | | | 230...240 ~ (50/60 Hz) | Green | Green | XB4BK133M5 (ZB4BW0M15 + ZB4BK1333) | 0.101/0.223 |
| | | | | | Red | XB4BK134M5 (ZB4BW0M15 + ZB4BK1343) | 0.101/0.223 |
| | | | | | Orange | XB4BK135M5 (ZB4BW0M15 + ZB4BK1353) | 0.101/0.223 |

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head,
see page 28 and 29.

Control and signaling units

Harmony XB4, metal

Diameter 22 mm illuminated selector switches with standard handle, with universal light block

Illuminated selector switches with standard handle, with universal light block (1) (continued)

| Shape of head | Type of operator | Positions | Color of handle | Reference | Weight kg/lb | |
|-----------------------|------------------|---------------------|------------------------------------|-----------|--------------|-------------|
| | | Number | Type | | | |
| Heads only (2) | | | | | | |
| | Standard handle | 2-position 90° | Stay put | White | ZB4BK1213 | 0.036/0.079 |
| | | | | Green | ZB4BK1233 | 0.036/0.079 |
| | | | | Red | ZB4BK1243 | 0.036/0.079 |
| | | | | Orange | ZB4BK1253 | 0.036/0.079 |
| | | | | Yellow | ZB4BK1283 | 0.036/0.079 |
| | | | | Blue | ZB4BK1263 | 0.036/0.079 |
| | | | Spring return from right to left | White | ZB4BK1413 | 0.037/0.082 |
| | | | | Green | ZB4BK1433 | 0.037/0.082 |
| | | | | Red | ZB4BK1443 | 0.037/0.082 |
| | | | | Orange | ZB4BK1453 | 0.037/0.082 |
| | | | | Yellow | ZB4BK1483 | 0.037/0.082 |
| | | | | Blue | ZB4BK1463 | 0.037/0.082 |
| | | 3-position ± 45° | Stay put | White | ZB4BK1313 | 0.036/0.079 |
| | | | | Green | ZB4BK1333 | 0.036/0.079 |
| | | | | Red | ZB4BK1343 | 0.036/0.079 |
| | | | | Orange | ZB4BK1353 | 0.036/0.079 |
| | | | | Yellow | ZB4BK1383 | 0.036/0.079 |
| | | | | Blue | ZB4BK1363 | 0.036/0.079 |
| | | | Spring return to center | White | ZB4BK1513 | 0.036/0.079 |
| | | | | Green | ZB4BK1533 | 0.036/0.079 |
| | | | | Red | ZB4BK1543 | 0.036/0.079 |
| | | | | Orange | ZB4BK1553 | 0.036/0.079 |
| | | | | Yellow | ZB4BK1583 | 0.036/0.079 |
| | | | | Blue | ZB4BK1563 | 0.036/0.079 |
| | | | Spring return from right to center | White | ZB4BK1813 | 0.036/0.079 |
| | | | | Green | ZB4BK1833 | 0.036/0.079 |
| | | | | Red | ZB4BK1843 | 0.036/0.079 |
| | | | | Orange | ZB4BK1853 | 0.036/0.079 |
| | | | | Yellow | ZB4BK1883 | 0.036/0.079 |
| | | | | Blue | ZB4BK1863 | 0.036/0.079 |
| | | | Spring return from left to center | White | ZB4BK1713 | 0.036/0.079 |
| | | | | Green | ZB4BK1733 | 0.036/0.079 |
| | | | | Red | ZB4BK1743 | 0.036/0.079 |
| | | | | Orange | ZB4BK1753 | 0.036/0.079 |
| | | | | Yellow | ZB4BK1783 | 0.036/0.079 |
| | | | | Blue | ZB4BK1763 | 0.036/0.079 |

Heads with black metal bezel

To order, add a 7 to the references selected from above.
Example: ZB4BK1213 becomes ZB4BK12137.

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.

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



ZB4BK1343

Control and signaling units

Harmony XB4, metal

Diameter 22 mm pilot lights with Universal LED

101179



XB4BVB5

| Pilot lights with Universal LED (1) | | | | |
|--|---------------------------|--------|--|--------------|
| 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 | | | | |
| | 24 ≈ (50/60 Hz) | White | XB4BVB1 (ZB4BVB1 + ZB4BV013) | 0.080/0.176 |
| | | Green | XB4BVB3 (ZB4BVB1 + ZB4BV033) | 0.080/0.176 |
| | | Red | XB4BVB4 (ZB4BVB1 + ZB4BV043) | 0.080/0.176 |
| | | Orange | XB4BVB5 (ZB4BVB1 + ZB4BV053) | 0.080/0.176 |
| | | Blue | XB4BVB6 (ZB4BVB1 + ZB4BV063) | 0.080/0.176 |
| | 110...120 ≈ (50/60 Hz) | White | XB4BVG1 (ZB4BVG1 + ZB4BV013) | 0.080/0.176 |
| | | Green | XB4BVG3 (ZB4BVG1 + ZB4BV033) | 0.080/0.176 |
| | | Red | XB4BVG4 (ZB4BVG1 + ZB4BV043) | 0.080/0.176 |
| | | Orange | XB4BVG5 (ZB4BVG1 + ZB4BV053) | 0.080/0.176 |
| | | Blue | XB4BVG6 (ZB4BVG1 + ZB4BV063) | 0.080/0.176 |
| | 230...240 ≈ (50/60 Hz) | White | XB4BVM1 (ZB4BVM1 + ZB4BV013) | 0.080/0.176 |
| | | Green | XB4BVM3 (ZB4BVM1 + ZB4BV033) | 0.080/0.176 |
| | | Red | XB4BVM4 (ZB4BVM1 + ZB4BV043) | 0.080/0.176 |
| | | Orange | XB4BVM5 (ZB4BVM1 + ZB4BV053) | 0.080/0.176 |
| | | Blue | XB4BVM6 (ZB4BVM1 + ZB4BV063) | 0.080/0.176 |

XB4BVG3T CP211108



XB4BVG3T

| Complete units with inductive overload protection | | | | |
|--|---------------------------|--------|-----------------|-------------|
| ■ With plain lens | | | | |
| | 110...240 ≈ (50/60 Hz) | White | XB4BVGM1 | 0.080/0.176 |
| | | Green | XB4BVGM3 | 0.080/0.176 |
| | | Red | XB4BVGM4 | 0.080/0.176 |
| | | Orange | XB4BVGM5 | 0.080/0.176 |
| | | Blue | XB4BVGM6 | 0.080/0.176 |

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

Control and signaling units

Harmony XB4, metal

Diameter 22 mm pilot lights with Universal LED

101233



ZB4BV063

Pilot lights with Universal LED

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

Heads only (1)

| Shape of head | For use with body comprising light source type | Color of lens | Reference | Weight kg/lb |
|-------------------|--|---------------|--------------|--------------|
| ■ With plain lens | Universal LED only | White | ZB4BV013 (2) | 0.026/0.057 |
| | | Green | ZB4BV033 (2) | 0.026/0.057 |
| | | Red | ZB4BV043 (2) | 0.026/0.057 |
| | | Orange | ZB4BV053 (2) | 0.026/0.057 |
| | | Yellow | ZB4BV083 (2) | 0.026/0.057 |
| | | Blue | ZB4BV063 (2) | 0.026/0.057 |
| | | 5 colors (3) | ZB4BV003 | 0.026/0.057 |

XBA_632_CPSCT/6037



ZB4BV083

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

| | | | |
|--------------------|--------|-----------|-------------|
| Universal LED only | White | ZB4BV013E | 0.026/0.057 |
| | Green | ZB4BV033E | 0.026/0.057 |
| | Red | ZB4BV043E | 0.026/0.057 |
| | Orange | ZB4BV053E | 0.026/0.057 |
| | Yellow | ZB4BV083E | 0.026/0.057 |
| | Blue | ZB4BV063E | 0.026/0.057 |

101234



ZB4BV043S

■ With grooved lens (4) (2)

| | | | |
|--------------------|--------|-----------|-------------|
| Universal LED only | White | ZB4BV013S | 0.026/0.057 |
| | Green | ZB4BV033S | 0.026/0.057 |
| | Red | ZB4BV043S | 0.026/0.057 |
| | Orange | ZB4BV053S | 0.026/0.057 |
| | Yellow | ZB4BV083S | 0.026/0.057 |
| | Blue | ZB4BV063S | 0.026/0.057 |

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

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

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

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

Control and signaling units

Harmony XB4, metal

Diameter 22 mm pilot lights with integral LED and with BA 9s base fitting

Pilot lights with integral LED and transformer (1.2 VA, 24 V secondary) (1)

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 | | | | |
| | 400 ~ - 50 Hz (2) | White | XB4BV5B1 | 0.172/0.379 |
| | | Green | XB4BV5B3 | 0.172/0.379 |
| | | Red | XB4BV5B4 | 0.172/0.379 |
| | | Orange | XB4BV5B5 | 0.172/0.379 |
| | | Blue | XB4BV5B6 | 0.172/0.379 |

PF512544



XB4BV5B1

101178-68-Q



XB4BV64

PF512545-68-Q



XB4BV33

101234



ZB4BV04

PG113109-34-Q



ZB4BV06S

Pilot lights with BA 9s base fitting, with plain or grooved lens (1)

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

| Shape of head | Supply voltage V | Color | Reference | Weight kg/lb |
|---|--|------------------------|--|-----------------|
| Complete units - With plain lens | | | | |
| | ■ Direct supply, for BA 9s bulb, U ≤ 250 V, 2.4 W max (bulb not included) | ≤ 250 | White XB4BV61 (ZB4BV6 + ZB4BV01) | 0.075/0.165 |
| | | Green | XB4BV63 (ZB4BV6 + ZB4BV03) | 0.075/0.165 |
| | | Red | XB4BV64 (ZB4BV6 + ZB4BV04) | 0.075/0.165 |
| | | Orange | XB4BV65 (ZB4BV6 + ZB4BV05) | 0.075/0.165 |
| | ■ Via integral transformer, 1.2 VA, 6 V secondary, with BA 9s incandescent bulb (included) | 110...120 ~ - 50/60 Hz | White XB4BV31 (ZB4BV3 + ZB4BV01) | 0.152/0.335 |
| | | Green | XB4BV33 (ZB4BV3 + ZB4BV03) | 0.152/0.335 |
| | | Red | XB4BV34 (ZB4BV3 + ZB4BV04) | 0.152/0.335 |
| | | Orange | XB4BV35 (ZB4BV3 + ZB4BV05) | 0.152/0.335 |
| | 230 ~ - 50 Hz 220...240 ~ - 60 Hz | White | XB4BV41 (ZB4BV4 + ZB4BV01) | 0.152/0.335 |
| | | Green | XB4BV43 (ZB4BV4 + ZB4BV03) | 0.152/0.335 |
| | | Red | XB4BV44 (ZB4BV4 + ZB4BV04) | 0.152/0.335 |
| | | Orange | XB4BV45 (ZB4BV4 + ZB4BV05) | 0.152/0.335 |

Heads only (3)

| Shape of head | For use with body comprising light source type | Color of lens | Reference | Weight kg/lb |
|--------------------------------|--|---------------|--------------------------|--------------|
| ■ With plain lens | | | | |
| | With BA 9s base fitting | White | ZB4BV01 | 0.027/0.060 |
| | | Green | ZB4BV03 | 0.027/0.060 |
| | | Red | ZB4BV04 | 0.027/0.060 |
| | | Orange | ZB4BV05 | 0.027/0.060 |
| | | Blue | ZB4BV06 | 0.027/0.060 |
| | | Clear | ZB4BV07 | 0.027/0.060 |
| ■ With grooved lens (4) | | | | |
| | With BA 9s base fitting | White | ZB4BV01S | 0.027/0.060 |
| | | Green | ZB4BV03S | 0.027/0.060 |
| | | Red | ZB4BV04S | 0.027/0.060 |
| | | Orange | ZB4BV05S | 0.027/0.060 |
| | | Blue | ZB4BV06S | 0.027/0.060 |
| | | Clear | ZB4BV07S | 0.027/0.060 |

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

(2) To order 440...460 V ~ - 60 Hz transformer blocks, replace "5" in the reference with "8". Example: [XB4BV5B1](#) becomes [XB4BV8B1](#). To order 550...600 V ~ - 60 Hz blocks, replace "5" with "9". Example: [XB4BV5B1](#) becomes [XB4BV9B1](#).

(3) For use with bodies comprising a light source with BA 9s base fitting (incandescent, neon, or LED) only.

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

Control and signaling units

Harmony XB4, metal

Diameter 22 mm push-to-test pilot light



XB4_632_CPSCT17115

XB4_632_CPSCT17118

Push-to-test pilot light

| Shape of head | Supply voltage V | Color | Reference | Weight kg/lb |
|---|-------------------------------|--------|------------------|--------------|
| Complete units - With plain lens | | | | |
| | 24 \sim - 50/60 Hz | White | XB4BW21B5 | 0.090/0.198 |
| | 24 \sim - 50/60 Hz | Green | XB4BW23B5 | 0.090/0.198 |
| | 24 \sim - 50/60 Hz | Red | XB4BW24B5 | 0.090/0.198 |
| | 24 \sim - 50/60 Hz | Orange | XB4BW25B5 | 0.090/0.198 |
| | 24 \sim - 50/60 Hz | Yellow | XB4BW28B5 | 0.090/0.198 |
| | 24 \sim - 50/60 Hz | Blue | XB4BW26B5 | 0.090/0.198 |
| | 110...120 \sim - 50 - 60 Hz | White | XB4BW21G5 | 0.090/0.198 |
| | 110...120 \sim - 50 - 60 Hz | Green | XB4BW23G5 | 0.090/0.198 |
| | 110...120 \sim - 50 - 60 Hz | Red | XB4BW24G5 | 0.090/0.198 |
| | 110...120 \sim - 50 - 60 Hz | Orange | XB4BW25G5 | 0.090/0.198 |
| | 110...120 \sim - 50 - 60 Hz | Yellow | XB4BW28G5 | 0.090/0.198 |
| | 110...120 \sim - 50 - 60 Hz | Blue | XB4BW26G5 | 0.090/0.198 |

Control and signaling units

Harmony XB4, metal

Diameter 22 mm specific functions

Pushbuttons for manual overload reset, Potentiometers



XB4BA821



XB4BD912R1K



ZB4BD912

Manual overload reset pushbuttons

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

Complete potentiometers

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

Heads and mounting base for potentiometer

| 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. | 6 mm/ 0.236 in. shaft | ZB4BD912 | 0.080/0.176 |
| | | 6.35 mm/ 0.250 in. shaft | ZB4BD922 | 0.080/0.176 |

Control and signaling units

Harmony XB4, metal

Diameter 22 mm Specific functions

Timers, Hour counters, Announciators

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 | XB5DTGM2 | 0.027/0.060 | |
| | 100...240 V~ - 50/60 Hz | Type A (delay on energization) | | 0.5...10s | XB5DTGM3 | 0.027/0.060 | |
| | | | | 3...60 s | XB5DTGM4 | 0.027/0.060 | |
| | | | | 0.5...10 min | XB5DTGM5 | 0.027/0.060 | |
| | | | | 3...60 min | XB5DTGM6 | 0.027/0.060 | |



XB5DTB22



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 |

Announciators (IP66, IP67, and IP69)

| Characteristics | Supply voltage V | Color | Reference | Weight kg/lb |
|--|----------------------------|-------|------------------------|--------------|
| Continuous or intermittent non-illuminated buzzer - 90dB, 6.8kHz | 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 |



XB5KS2B4

Continuous or intermittent illuminated buzzer - 90dB, 6.8kHz

| | | | | |
|--|----------------------------|--------|--------------------------|-------------|
| Continuous or intermittent illuminated buzzer - 90dB, 6.8kHz | 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 |
| | 24V~ - 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.

References

Control and signaling units

Harmony XB4, metal

Diameter 22 mm specific functions

USB/RJ45 ports, Fuse carrier, Basic displays



XB5_PUSB3



XB5_PRJ45



XB5_DT1S



XBH1AA0G4



XBH1AA0R4

USB and RJ45 ports

| Description | Interface type | Connection type | Degree of protection | Reference | Weight kg/lb |
|---|-------------------------------|------------------|---|--------------------------|--------------|
| Panel-mounted USB and RJ45 ports in 22.5 mm/0.886 in. hole with notch | USB interface, jack type A | USB port 3.0 A-A | IP20, IP65, IP67, IP69K with protection cover (1) | XB5PUSB3 | 0.017/0.037 |
| | Ethernet interface, RJ45 jack | RJ45 port Cat. 6 | IP20, IP65, IP67, IP69K with protection cover (1) | | |

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 |

(1) For protection covers, see [page 76](#).

Control and signaling units

Harmony XB4, metal

Diameter 22 mm specific functions

Joystick controllers, Wobblesticks



XD4PA12



ZD4PA103



ZD4PA203



ZD4PA12



ZB4BB2

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

Sub-assemblies for joystick controllers

| Description | Functions | Reference | Weight kg/lb |
|---|---|--|--------------|
| Complete body/contact assemblies | 2-direction | ZD4PA103 | 0.049/0.108 |
| | 4-direction | ZD4PA203 | 0.058/0.128 |
| Complete head assemblies with operating shaft | 2-direction, stay put | ZD4PA12 | 0.022/0.049 |
| | 2-direction, spring return to zero position | ZD4PA22 | 0.022/0.049 |
| | 4-direction, stay put | ZD4PA14 | 0.022/0.049 |
| | 4-direction, spring return to zero position | ZD4PA24 | 0.022/0.049 |
| 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. | |

Wobblestick heads

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

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

Control and signaling units

Harmony XB4 metal

Diameter 22 mm accessories for heads: caps



XBA2



ZBA333

PG113546

Pushbutton caps - unmarked

| For use with | Type of push | Color | Sold in lots of | Unit reference | Weight kg/lb |
|--|--------------|--------|-----------------|----------------|--------------|
| ZBABA0 pushbutton heads supplied without cap | Flush | White | 10 | ZBA1 | 0.001/0.002 |
| | | Black | 10 | ZBA2 | 0.001/0.002 |
| | | Green | 10 | ZBA3 | 0.001/0.002 |
| | | Red | 10 | ZBA4 | 0.001/0.002 |
| | | Yellow | 10 | ZBA5 | 0.001/0.002 |
| | | Blue | 10 | ZBA6 | 0.001/0.002 |

Pushbutton caps - marked

| For use with | Type of push | Marking | | Color of cap | Unit reference | Weight kg/lb |
|--|--------------|-----------|-------|--------------|----------------|--------------|
| | | Text | Color | | | |
| ZBABA0 pushbutton heads supplied without cap (sold in lots of 10) | Flush | I (1) | White | Green | ZBA331 | 0.001/0.002 |
| | | | Black | White | ZBA131 | 0.001/0.002 |
| | | II | White | Green | ZBA336 | 0.001/0.002 |
| | | START (1) | White | Green | ZBA333 | 0.001/0.002 |
| | | UP (1) | Black | White | ZBA343 | 0.001/0.002 |
| | | DOWN (1) | White | Black | ZBA344 | 0.001/0.002 |
| | | STOP (1) | White | Black | ZBA245 | 0.001/0.002 |
| | | | Black | White | ZBA145 | 0.001/0.002 |
| | | ↑ (2) | White | Black | ZBA335 | 0.001/0.002 |
| | | | Black | White | ZBA334 | 0.001/0.002 |
| | | O (1) | White | Red | ZBA432 | 0.001/0.002 |
| | | | Black | Black | ZBA232 | 0.001/0.002 |
| | | STOP (1) | White | Red | ZBA434 | 0.001/0.002 |
| | | | Black | Black | ZBA234 | 0.001/0.002 |
| | | OFF | White | Red | ZBA435 | 0.001/0.002 |
| | | ◆ (1) | White | Green | ZBA346 | 0.001/0.002 |
| | | R (1) | White | Blue | ZBA639 | 0.001/0.002 |
| | | + | White | Black | ZBA2934 | 0.001/0.002 |
| | | - | White | Black | ZBA2935 | 0.001/0.002 |

(1) Double injection moulded marking.

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

Control and signaling units

Harmony XB4 metal

Diameter 22 mm accessories for heads: boots, lens caps



ZBPO

| Transparent boots for pushbuttons (1) | | | | | |
|---------------------------------------|---|-----------------|----------------|--------------|--|
| Description | For use with XB4 metal pushbuttons | Sold in lots of | Unit reference | Weight kg/lb | |
| Single boots (2) | Flush with circular head | 10 | ZBPA | 0.002/0.004 | |
| | Projecting with circular head and push-push version | 10 | ZBPO | 0.002/0.004 | |
| | Flush or projecting with circular head for food industry applications | 10 | ZBPOA | 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) | Black | ZB4BP2S | 10 | ZBPO12 | 0.003/0.007 |
| | Green | ZB4BP3S | 10 | ZBPO13 | 0.003/0.007 |
| | Red | ZB4BP4S | 10 | ZBPO14 | 0.003/0.007 |
| | Yellow | ZB4BP5S | 10 | ZBPO15 | 0.003/0.007 |
| | Blue | ZB4BP6S | 10 | ZBPO16 | 0.003/0.007 |
| Clear membrane | Transparent | ZB4BP●83 | 10 | ZBPO17 | 0.003/0.007 |

| Lens caps | | | | | |
|---|--------|-----------------|----------------|--------------|--|
| For use with | Color | Sold in lots of | Unit reference | Weight kg/lb | |
| Lens caps for light sources with 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 | |
| Lens caps for light sources with BA 9s base fitting | | | | | |
| Pilot lights | White | 10 | ZBV011 | 0.002/0.004 | |
| | Green | 10 | ZBV013 | 0.002/0.004 | |
| | Red | 10 | ZBV014 | 0.002/0.004 | |
| | Orange | 10 | ZBV015 | 0.002/0.004 | |
| | Blue | 10 | ZBV016 | 0.002/0.004 | |
| | Clear | 10 | ZBV017 | 0.002/0.004 | |

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

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



ZBV0153

PG113818



ZBV016

PG113819

References

Control and signaling units

Harmony XB4 metal

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



DF540903



DF540904

ZBZ34

ZBY•H101



XBS_CPH9003



ZBY2101



XB4-5R_CPH9044



ZBY2107

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

| Description | Legend Background color | Marking | Sold in lots of | Unit reference | Weight kg/lb |
|-------------------|----------------------------|---------|-----------------|----------------|---------------|
| 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 Color | Marking | Sold in lots of | Unit reference | Weight kg/lb |
|---|----------------------------------|------------------------|-----------------|--------------------|-----------------------|
| | | | For black bezel | For gray bezel (4) | |
| 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 (2) | 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 (2) | 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 |
| | DEFAUT (black background) | — | 10 | ZBY2134 | — 0.002/0.004 |
| | DEFAUT (red background) | — | 10 | ZBY2135 | — 0.002/0.004 |
| | DESCENTE | — | 10 | ZBY2108 | — 0.002/0.004 |
| | ENCLENCHEMENT | — | 10 | ZBY2131 | — 0.002/0.004 |
| | EN SERVICE | — | 10 | ZBY2111 | — 0.002/0.004 |
| | FERMETURE | — | 10 | ZBY2114 | — 0.002/0.004 |
| MONTEE | 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 (3) | — 0.002/0.004 |

(1) For legends, see page 74.

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

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

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

References (continued)

Control and signaling units

Harmony XB4 metal

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



ZBY2303



ZBY2228

| Standard 30 x 40 mm legend holders with 8 x 27 mm legends (continued) | | | | | |
|---|-----------------------------|-------|--------------------------|-----------------|-----------------|
| Description | Legend | Color | Marking | Sold in lots of | Reference |
| | | | | | For black bezel |
| With legend (with English language marking) | Black or red background (1) | | AUTO-HAND | 10 | ZBY2364 |
| | | | AUTO-O-HAND | 10 | ZBY2385 |
| | | | CLOSE | 10 | ZBY2314 |
| | | | FORWARD | 10 | ZBY2305 |
| | | | OFF | 10 | ZBY2312 |
| With legend (with German language marking) | Black or red background (1) | | OFF-ON | 10 | ZBY2367 |
| | | | ON | 10 | ZBY2311 |
| | | | OPEN | 10 | ZBY2313 |
| | | | POWER ON | 10 | ZBY2326 |
| | | | RESET (red background) | 10 | ZBY2323 |
| | | | RESET (black background) | 10 | ZBY2322 |
| | | | REVERSE | 10 | ZBY2306 |
| | | | RUN | 10 | ZBY2334 |
| | | | START | 10 | ZBY2303 |
| | | | STOP-START | 10 | ZBY2366 |
| Red background | | | EMERGENCY STOP | 10 | ZBY2330 (2) |
| | | | | | |
| With legend (with German language marking) | Black or red background (1) | | AUTO-HAND | 10 | ZBY2364 |
| | | | AUTO-O-HAND | 10 | ZBY2385 |

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

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

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

Control and signaling units

Harmony XB4 metal

Diameter 22 mm 30 x 40 mm legend plates

| Standard 30 x 40 mm legend plates | | | | | |
|-----------------------------------|--------------|-----------------|-----------------|--------------------|--------------|
| Description | Marking (2) | Sold in lots of | Unit Reference | | Weight kg/lb |
| | | | For black bezel | For gray bezel (1) | |
| 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) To add customized markings on these references through web customization tool, see [page 5](#).

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



ZBYP2101



ZBYM2303

References (continued)

Control and signaling units

Harmony XB4 metal

Diameter 22 mm Legend holders for 18 x 27 mm legends

18 x 27 mm legends for engraving



XBS_CPT19012



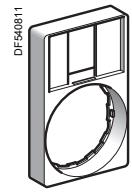
XBS_CPT19014



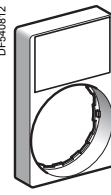
XBS_CPT19016



XBS_CPT19018



DF540811



DF540812

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 |

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 |

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 |
|----------------------------|----------|---------|-----------------|-----------------|--------------------|--------------|
| | | | | For black bezel | For gray bezel (1) | |
| Black or red background | — | Without | 10 | ZBY5101 | — | 0.001/0.002 |
| White or yellow background | — | Without | 10 | ZBY5102 | — | 0.001/0.002 |

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 |
|--|--|-----------------|-----------------|--------------------|--------------|
| | | | For black bezel | For gray bezel (1) | |
| 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](#).

References (continued)

Control and signaling units

Harmony XB4 metal

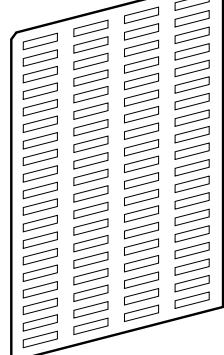
Diameter 22 mm Legends 8 x 27 mm



ZBY0101



ZBY02304



ZBY4100

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 (3) | 0.001/0.002 |
| | White or yellow | – | 10 | ZBY0102 (3) | 0.001/0.002 |
| International | Black or red (1) | O-I | 10 | ZBY02178 | 0.001/0.002 |
| | | STOP | 10 | ZBY02304 | 0.001/0.002 |
| French | Black or red (1) | AUTO-O-MAIN | 10 | ZBY02185 | 0.001/0.002 |
| | | MARCHE | 10 | ZBY02103 | 0.001/0.002 |
| | | SOUS TENSION | 10 | ZBY02126 | 0.001/0.002 |

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

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

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

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

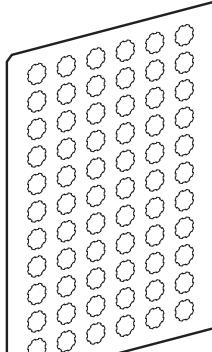
References (continued)

Control and signaling units

Harmony XB4 metal

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

DF540813



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 | – | Without | 10 | ZBY1101 | 0.017/0.037 |
| Strips of 66 circular peel-off, transparent, self-adhesive legends | International | I | 10 | ZBY1147 | 0.017/0.037 |

Control and signaling units

Harmony XB4, metal

Diameter 22 mm accessories for pushbuttons



107351
ZB4SZ3



XB5_633_CPSCTR1030
ZBSP2

Other accessories (continued)

| Description | For use with | Color | Sold in lots of | Unit reference | Weight kg/lb |
|---|---|-----------------|-----------------|----------------|--------------|
| Metal circular blanking plug (1) | Ø 22 mm/0.866 in. control and signaling units | Chromium plated | 10 | ZB4SZ3 | 0.023/0.051 |
| | | Black | 10 | ZB4SZ37 | 0.023/0.051 |
| Plastic blanking plug (with fixing nut) | Ø 22 mm/0.866 in. control and signaling units | Black | 10 | ZB5SZ3 | 0.009/0.020 |
| Liquid spray protective washer to be fitted under the head | Ø 22 mm/0.866 in. control and signaling units | Chromium plated | 10 | ZB4BZ007 | 0.010/0.022 |
| | | Black | 10 | ZB4BZ0077 | 0.010/0.022 |
| Plastic protection cover IP65/IP67 | Ø 22 mm/0.866 in. USB and RJ45 ports | Black | 10 | ZBSP1 | 0.002/0.004 |
| Rigid plastic protection cover IP65/IP67 | Ø 22 mm/0.866 in. USB and RJ45 ports | Transparent | 1 | ZBSP2 | 0.006/0.013 |
| Metal protection cover IP65/IP67/IP69K | Ø 22 mm/0.866 in. USB and RJ45 ports | Silver | 1 | ZBSP3 | 0.010/0.022 |
| Adapter (Ø 30 to Ø 22 mm/1.181 to 0.866 in. reducer) | All pushbuttons | Chromium plated | 1 | ZB4BZ012 | 0.023/0.051 |

(1) Body/fixing collar ZB4BZ009 required for mounting to be ordered separately (see page 103).



ZB4FBZ014



ZB4FBZ100



ZB4BZ021

PF151500C

Other accessories (continued)

| Description | For use with | Color | Sold in lots of | Unit reference | Weight kg/lb |
|--|---|-----------------|-----------------|----------------|--------------|
| Flush mounted metal circular blanking plug | Ø 30 mm/1.181 in. flush mounted control and signaling units | Chromium plated | 10 | ZB4FSZ3 | 0.070/0.154 |
| 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 |
| | Ø 30 mm/1.181 in. flush mounted control and signaling units | Chromium plated | 10 | ZB4FBZ007 | 0.003/0.006 |
| Earth plate | Ø 30 mm/1.181 in. flush mounted control and signaling units | Chromium plated | 10 | ZB4FBZ100 | 0.007/0.0160 |
| Spacer for metal flush offer | Ø 30 mm/1.181 in. flush mounted control and signaling units | | 10 | ZB4FBZ010 | 0.003/0.006 |
| Ø 30 mm/1.181 in. flush mounting kit for pushbuttons and pilot lights | ZB4B• pushbutton with head mounted flush with bezel | Chromium plated | 1 | ZB4BZ021 | 0.019/0.042 |
| Ø 30 mm/1.181 in. flush mounting kit for selector switches and illuminated pushbuttons | ZB4B• pushbutton with head mounted flush with bezel | Chromium plated | 1 | ZB4BZ022 | 0.021/0.046 |
| Ø 30 mm/1.181 in. flush mounting kit for pushbuttons and pilot lights | ZB4B• pushbutton with head mounted flush with bezel | Metal black | 1 | ZB4BZ0217 | 0.019/0.042 |
| Ø 30 mm/1.181 in. flush mounting kit for selector switches and illuminated pushbuttons | ZB4B• pushbutton with head mounted flush with bezel | Metal black | 1 | ZB4BZ0227 | 0.021/0.046 |
| Adapter (Ø 30 to Ø 22 mm/1.181 to 0.866 in. reducer) | All pushbuttons | Chromium plated | 1 | ZB4BZ012 | 0.023/0.051 |

(1) Body/fixing collar ZB4BZ009 required for mounting to be ordered separately (see page 103).

Harmony XB4, Metal
Flush mounted, Ø 30 mm

Control and signaling units

Harmony XB4, metal

Diameter 30 mm flush mounted spring return pushbuttons, unmarked



XB4FA51



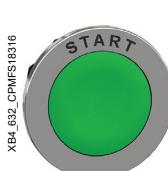
ZB4FA0



ZB4FA4



ZB4FA38



ZB4FA3M33



ZB4FA36

Flush mounted pushbuttons with flush push for Ø 30 mm⁽¹⁾⁽²⁾

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

| Shape of head | Type of push | Type of contact | Marking on bezel | Color of push | Reference | Weight kg/lb |
|---|--|-----------------|------------------|--------------------|---------------------------------------|--------------|
| | | Text (color) | | | | |
| Complete units | | | | | | |
| | Flush | 1 | — | White | XB4FA11 (ZB4BZ101 + ZB4FA1) | 0.080/0.176 |
| | | | | Black | XB4FA21 (ZB4BZ101 + ZB4FA2) | 0.080/0.176 |
| | | | | Green | XB4FA31 (ZB4BZ101 + ZB4FA3) | 0.080/0.176 |
| | | | | Yellow | XB4FA51 (ZB4BZ101 + ZB4FA5) | 0.080/0.176 |
| | | | | Blue | XB4FA61 (ZB4BZ101 + ZB4FA6) | 0.080/0.176 |
| | | — | 1 | Red | XB4FA42 (ZB4BZ102 + ZB4FA4) | 0.080/0.176 |
| Heads only | | | | | | |
| | Without cap (3) | | — | | ZB4FA0 | 0.028/0.062 |
| | Flush, with set of 6 colored caps | | 6 colors (4) | ZB4FA9 | 0.038/0.084 | |
| | Flush | | White | ZB4FA1 | 0.029/0.064 | |
| | | | Black | ZB4FA2 | 0.029/0.064 | |
| | | | Green | ZB4FA3 | 0.029/0.064 | |
| | | | Red | ZB4FA4 | 0.029/0.064 | |
| | | | Yellow | ZB4FA5 | 0.029/0.064 | |
| | | | Blue | ZB4FA6 | 0.029/0.064 | |
| | | | Gray | ZB4FA8 | 0.029/0.064 | |
| | Flush with transparent cap for insertion of legend (5) | | White | ZB4FA18 | 0.028/0.062 | |
| | | | Green | ZB4FA38 | 0.028/0.062 | |
| | | | Red | ZB4FA48 | 0.028/0.062 | |
| | | | Yellow | ZB4FA58 | 0.028/0.062 | |
| | | | Blue | ZB4FA68 | 0.028/0.062 | |
| Heads only with marked bezel | | | | | | |
| | Flush | | "START" (Black) | Green | ZB4FA3M33 | 0.029/0.064 |
| Pushbuttons with recessed push (1) | | | | | | |
| High guard | | | | | | |
| Shape of head | Type of push | | Color | Reference | Weight kg/lb | |
| | | | | | | |
| Heads only | | | | | | |
| | Recessed (high guard) | | White | ZB4FA16 (2) | 0.034/0.075 | |
| | | | Black | ZB4FA26 (2) | 0.034/0.075 | |
| | | | Green | ZB4FA36 (2) | 0.034/0.075 | |
| | | | Red | ZB4FA46 (2) | 0.034/0.075 | |
| | | | Yellow | ZB4FA56 | 0.034/0.075 | |
| | | | Blue | ZB4FA66 | 0.034/0.075 | |

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 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 94.

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

(5) For legend ordering information, see page 97.

Control and signaling units

Harmony XB4, metal

Diameter 30 mm flush mounted spring return pushbuttons, unmarked



XB4FL42



ZB4FL1



ZB4FL4M34

Flush mounted pushbuttons with projecting push for Ø 30 mm (1) (2)

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

| Shape of head | Type of push | Type of contact | Marking on bezel | Color of push | Reference | Weight kg/lb |
|-----------------------|--------------|-----------------|------------------|---------------|---|--------------|
| | | NO | Text (color) | NC | | |
| Complete units | | | | | | |
| | Projecting | | - | 1 | - Red XB4FL42 (ZB4BZ102 + ZB4FL4) | 0.081/0.179 |
| Heads only | | | | | | |
| | Projecting | | | | White ZB4FL1 | 0.030/0.066 |
| | | | | | Black ZB4FL2 | 0.030/0.066 |
| | | | | | Green ZB4FL3 | 0.030/0.066 |
| | | | | | Red ZB4FL4 | 0.030/0.066 |
| | | | | | Yellow ZB4FL5 | 0.030/0.066 |
| | | | | | Blue ZB4FL6 | 0.030/0.066 |

Heads only with marked bezel

| | | | | | |
|--|------------|----------------|-----|------------------|-------------|
| | Projecting | "STOP" (Black) | Red | ZB4FL4M34 | 0.030/0.066 |
|--|------------|----------------|-----|------------------|-------------|

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.

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

Control and signaling units

Harmony XB4, metal

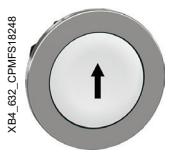
Diameter 30 mm flush mounted spring return pushbuttons, with marking



XB4FA4322



ZB4FA331



ZB4FA334



ZB4FL432

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 | |
|---------------------------|--------------|-----------------|----------------------|---|--|--|---|
| Complete units (2) | | | | | | | |
| | Flush | 1 N/O | — N/C | "I" (White) "O" (White) | Green Red | XB4FA3311 (ZB4BZ101 + ZB4FA331) | 0.080/0.176 |
| | Flush | — | 1 | "O" (White) | Red | XB4FA4322 (ZB4BZ102 + ZB4FA432) | 0.080/0.176 |
| | Projecting | 1 | 1 | "O" (White) | Red | XB4FL4325 (ZB4BZ105 + ZB4FL432) | 0.080/0.176 |
| | Flush (3) | 1 | — | ↑ (Black) | White | XB4FA3341 (ZB4BZ101 + ZB4FA334) | 0.080/0.176 |
| | Flush (3) | 1 | — | ↓ (White) | Black | XB4FA3351 (ZB4BZ101 + ZB4FA335) | 0.080/0.176 |
| Heads only | | | | | | | |
| | Flush | | | "I" (White) "I" (Black) "II" (White) "II" (Black) "START" (white) "START" (Black) "ON" (White) "ON" (Black) "MARCHE" (White) "MARCHE" (Black) | Green White Green White Green White Green White Green White ZB4FA331 (2) ZB4FA131 (2) ZB4FA336 ZB4FA136 ZB4FA333 (2) ZB4FA133 ZB4FA341 ZB4FA141 ZB4FA342 ZB4FA142 | 0.029/0.064 0.029/0.064 0.029/0.064 0.029/0.064 0.029/0.064 0.029/0.064 0.029/0.064 0.029/0.064 0.029/0.064 0.029/0.064 | |
| | Flush | | | — "O" (White) "O" (Black) "ARRET" (White) "ARRET" (Black) "STOP" (White) "STOP" (Black) "OFF" (White) "OFF" (Black) ↑ (Black) (3) ↓ (White) (3) | Black Red Black Red Black Red Black Red Black Black White Black | ZB4FA245 ZB4FA145 ZB4FA432 (2) ZB4FA232 (2) ZB4FA433 ZB4FA233 ZB4FA434 (2) ZB4FA234 ZB4FA435 ZB4FA235 ZB4FA334 (2) ZB4FA335 (2) | 0.029/0.064 0.029/0.064 0.029/0.064 0.029/0.064 0.029/0.064 0.029/0.064 0.029/0.064 0.029/0.064 0.029/0.064 0.029/0.064 0.029/0.064 |
| | Projecting | | | "O" (White) "O" (Black) "ARRET" (White) "ARRET" (Black) "STOP" (White) "STOP" (Black) "OFF" (White) "OFF" (Black) | Red Black Red Black Red Black Red Black | ZB4FL432 (2) ZB4FL232 (2) ZB4FL433 ZB4FL233 ZB4FL434 (2) ZB4FL234 ZB4FL435 ZB4FL235 | 0.030/0.066 0.030/0.066 0.030/0.066 0.030/0.066 0.030/0.066 0.030/0.066 0.030/0.066 0.030/0.066 |

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.

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

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

Control and signaling units

Harmony XB4, metal

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



XB4FW33B5



XB4FW34G5

Flush mounted illuminated pushbuttons with flush push for Ø 30 mm (1) (2)

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

| Shape of head | Description | Type of contact | Supply voltage V | Color of push | Reference | Weight kg/lb |
|---|---------------|-----------------|-------------------------|------------------|---|--------------|
| | | NO NC | | | | |
| Complete units - With plain lens | | | | | | |
| | Universal LED | 1 | 1 | 24 ~ 50/60 Hz | White XB4FW31B5 (ZB4BW0B15 + ZB4FW313) | 0.097/0.214 |
| | | | | Green | XB4FW33B5 (ZB4BW0B15 + ZB4FW333) | 0.097/0.214 |
| | | | | Red | XB4FW34B5 (ZB4BW0B15 + ZB4FW343) | 0.097/0.214 |
| | | | | Orange | XB4FW35B5 (ZB4BW0B15 + ZB4FW353) | 0.097/0.214 |
| | | | | Blue | XB4FW36B5 (ZB4BW0B15 + ZB4FW363) | 0.097/0.214 |
| | | | 110...120 ~ 50/60 Hz | White | XB4FW31G5 (ZB4BW0G15 + ZB4FW313) | 0.097/0.214 |
| | | | | Green | XB4FW33G5 (ZB4BW0G15 + ZB4FW333) | 0.097/0.214 |
| | | | | Red | XB4FW34G5 (ZB4BW0G15 + ZB4FW343) | 0.097/0.214 |
| | | | | Orange | XB4FW35G5 (ZB4BW0G15 + ZB4FW353) | 0.097/0.214 |
| | | | | Blue | XB4FW36G5 (ZB4BW0G15 + ZB4FW363) | 0.097/0.214 |
| | | | 230...240 ~ 50/60 Hz | White | XB4FW31M5 (ZB4BW0M15 + ZB4FW313) | 0.097/0.214 |
| | | | | Green | XB4FW33M5 (ZB4BW0M15 + ZB4FW333) | 0.097/0.214 |
| | | | | Red | XB4FW34M5 (ZB4BW0M15 + ZB4FW343) | 0.097/0.214 |
| | | | | Orange | XB4FW35M5 (ZB4BW0M15 + ZB4FW353) | 0.097/0.214 |
| | | | | Blue | XB4FW36M5 (ZB4BW0M15 + ZB4FW363) | 0.097/0.214 |

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.

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

Control and signaling units

Harmony XB4, metal

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



ZB4FW333



ZB4FW983

| Flush mounted illuminated pushbuttons with flush push for Ø 30 mm (1) | | | | |
|---|---|--------|-----------|--------------|
| Shape of head | Type of push | Color | Reference | Weight kg/lb |
| Heads only (2) - With plain lens | | | | |
| | Flush (3) | White | ZB4FW313 | 0.026/0.057 |
| | | Green | ZB4FW333 | 0.026/0.057 |
| | | Red | ZB4FW343 | 0.026/0.057 |
| | | Orange | ZB4FW353 | 0.026/0.057 |
| | | Blue | ZB4FW363 | 0.026/0.057 |
| | | Yellow | ZB4FW383 | 0.026/0.057 |
| Flush with illuminated ring | | | | |
| | Flush with illuminated ring | White | ZB4FW913 | 0.026/0.057 |
| | | Green | ZB4FW933 | 0.026/0.057 |
| | | Red | ZB4FW943 | 0.026/0.057 |
| | | Orange | ZB4FW953 | 0.026/0.057 |
| | | Blue | ZB4FW963 | 0.026/0.057 |
| | | Yellow | ZB4FW983 | 0.026/0.057 |
| Flush for insertion of legend (4) (3) (IP69K) | | | | |
| | Flush for insertion of legend (4) (3) (IP69K) | White | ZB4FA18 | 0.028/0.062 |
| | | Green | ZB4FA38 | 0.028/0.062 |
| | | Red | ZB4FA48 | 0.028/0.062 |
| | | Orange | ZB4FA58 | 0.028/0.062 |
| | | Blue | ZB4FA68 | 0.028/0.062 |
| | | Yellow | ZB4FA88 | 0.028/0.062 |

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [page 28](#) and [29](#).

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

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

(4) For legend ordering information, see [page 97](#).

Control and signaling units

Harmony XB4, metal

Diameter 30 mm flush mounted illuminated pushbuttons, spring return, with universal light block



ZB4FW113

XB4 632 CPM/FS/B263

| Flush mounted illuminated pushbuttons with projecting push for Ø 30 mm (1) (2) | | | | |
|--|--------------|--------|--------------------------|--------------|
| Shape of head | Type of push | Color | Reference | Weight kg/lb |
| Heads only (3) - With plain lens | | | | |
| | Projecting | White | ZB4FW113 | 0.029/0.064 |
| | | Green | ZB4FW133 | 0.029/0.064 |
| | | Red | ZB4FW143 | 0.029/0.064 |
| | | Orange | ZB4FW153 | 0.029/0.064 |
| | | Blue | ZB4FW163 | 0.029/0.064 |
| | | Yellow | ZB4FW183 | 0.029/0.064 |

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [page 28](#) and [29](#).

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

(3) For use with bodies comprising a light source with universal light block only.

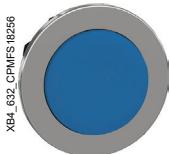
Control and signaling units

Harmony XB4, metal

Diameter 30 mm flush mounted pushbuttons, push-push



ZB4FH02



ZB4FH6

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

| Shape of head | Type of push | Color of push | Reference | Weight kg/lb |
|-------------------|-----------------|---------------|-----------|--------------|
| Heads only | | | | |
| | Without cap (2) | — | ZB4FH0 | 0.028/0.062 |
| | Flush (3) | White | ZB4FH01 | 0.029/0.064 |
| | | Black | ZB4FH02 | 0.029/0.064 |
| | | Green | ZB4FH03 | 0.029/0.064 |
| | | Red | ZB4FH04 | 0.029/0.064 |
| | | Yellow | ZB4FH05 | 0.029/0.064 |
| | | Blue | ZB4FH06 | 0.029/0.064 |

Flush mounted pushbuttons with projecting push for Ø 30 mm (1) (3)

| Shape of head | Type of push | Color of push | Reference | Weight kg/lb |
|-------------------|--------------|---------------|-----------|--------------|
| Heads only | | | | |
| | Projecting | White | ZB4FH1 | 0.029/0.064 |
| | | Black | ZB4FH2 | 0.029/0.064 |
| | | Green | ZB4FH3 | 0.029/0.064 |
| | | Red | ZB4FH4 | 0.029/0.064 |
| | | Yellow | ZB4FH5 | 0.029/0.064 |
| | | Blue | ZB4FH6 | 0.029/0.064 |

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see [page 28](#) and [29](#).

(2) Caps to be ordered separately (see [page 94](#)).

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

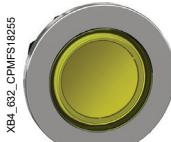
Control and signaling units

Harmony XB4, metal

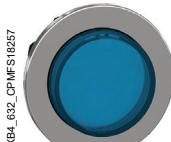
Diameter 30 mm flush mounted illuminated pushbuttons, push-push, with Universal LED



ZB4FH033



ZB4FH083



ZB4FH63



ZB4FH033

Flush mounted illuminated pushbuttons with flush push for Ø 30 mm (1) (2)

| Shape of head | Type of push | Color of lens | Reference | Weight kg/lb |
|-----------------------|--------------|---------------|-----------|--------------|
| Heads only (3) | | | | |
| | Flush | White | ZB4FH013 | 0.026/0.057 |
| | | Green | ZB4FH033 | 0.026/0.057 |
| | | Red | ZB4FH043 | 0.026/0.057 |
| | | Orange | ZB4FH053 | 0.026/0.057 |
| | | Blue | ZB4FH063 | 0.026/0.057 |
| | | Yellow | ZB4FH083 | 0.026/0.057 |

Flush mounted illuminated pushbuttons with projecting push for Ø 30 mm (1) (2)

| Shape of head | Type of push | Color of lens | Reference | Weight kg/lb |
|-----------------------|--------------|---------------|-----------|--------------|
| Heads only (3) | | | | |
| | Projecting | White | ZB4FH13 | 0.026/0.057 |
| | | Green | ZB4FH33 | 0.026/0.057 |
| | | Red | ZB4FH43 | 0.026/0.057 |
| | | Orange | ZB4FH53 | 0.026/0.057 |
| | | Blue | ZB4FH63 | 0.026/0.057 |
| | | Yellow | ZB4FH83 | 0.026/0.057 |

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.

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

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

Control and signaling units

Harmony XB4, metal

Diameter 30 mm flush mounted selector switches with standard handle



XB4FD33



ZB4FD4



ZB4FD2M178

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

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

| Shape of head | Type of operator | Type of contact | Marking on bezel | Positions | Reference | Weight kg/lb |
|--|----------------------------|-----------------|------------------|------------------------------------|--|---|
| | | | Text (color) | Number | Type | |
| Complete units (2) | | | | | | |
| | Standard handle, black | 1 | NO | – | 2-position 90° Stay put | XB4FD21 (ZB4BZ101 + ZB4FD2) 0.095/0.209 |
| | | 1 | NC | – | Spring return from right to left | XB4FD41 (ZB4BZ101 + ZB4FD4) 0.100/0.220 |
| | | 1 | 1 | – | Stay put | XB4FD25 (ZB4BZ105 + ZB4FD2) 0.095/0.209 |
| | | 2 | – | – | 3-position ± 45° Stay put | XB4FD33 (ZB4BZ103 + ZB4FD3) 0.095/0.209 |
| | | | | | Spring return to center | XB4FD53 (ZB4BZ103 + ZB4FD5) 0.095/0.209 |
| Heads only (2) | | | | | | |
| | Standard handle, black | – | – | 2-position 90° Stay put | ZB4FD2 | 0.040/0.088 |
| | | | | Spring return from right to left | ZB4FD4 | 0.045/0.099 |
| | | | | 3-position ± 45° Stay put | ZB4FD3 | 0.040/0.088 |
| | | | | Spring return to center | ZB4FD5 | 0.040/0.088 |
| | | | | Spring return from left to center | ZB4FD7 | 0.040/0.088 |
| | | | | Spring return from right to center | ZB4FD8 | 0.040/0.088 |
| Heads only with marked bezel | | | | | | |
| | Standard handle, black (3) | "O" and "I" | – | 2-position 90° Stay put | ZB4FD2M178 | 0.040/0.088 |
| Heads only with other colored handles | | | | | | |
| | Standard handle, white | – | – | – | Add suffix 01 to the reference, example: ZB4FD201 | |
| | Standard handle, green | – | – | – | Add suffix 03 to the reference, example: ZB4FD203 | |
| | Standard handle, red | – | – | – | Add suffix 04 to the reference, example: ZB4FD204 | |
| | Standard handle, yellow | – | – | – | Add suffix 05 to the reference, example: ZB4FD205 | |
| | Standard handle, blue | – | – | – | Add suffix 06 to the reference, example: ZB4FD206 | |

(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact) associated with the head, see page 28 and 29.

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

(3) The symbol indicates the padlocking positions.

Control and signaling units

Harmony XB4, metal

Diameter 30 mm flush mounted selector switches with long handle: normal and padlockable

Flush mounted selector switches with long handle for Ø 30 mm (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 | |
| Complete units (2) | | | | | |
| | Long handle, black | NO NC | 1 | – 2-position 90° Stay put | XB4FJ21 (ZB4BZ101 + ZB4FJ2) 0.096/0.212 |
| | | | 2 | – 3-position ± 45° Stay put Spring return to center | XB4FJ33 (ZB4BZ103 + ZB4FJ3) 0.096/0.212 XB4FJ53 (ZB4BZ103 + ZB4FJ5) 0.096/0.212 |
| Heads only | | | | | |
| | Long handle, black | | 2-position 90° | Stay put | ZB4FJ2 0.040/0.088 |
| | | | | Spring return from right to left | ZB4FJ4 0.045/0.099 |
| | | | 3-position ± 45° | Stay put | ZB4FJ3 0.040/0.088 |
| | | | | Spring return to center | ZB4FJ5 0.040/0.088 |
| | | | | Spring return from left to center | ZB4FJ7 0.040/0.088 |
| | | | | Spring return from right to center | ZB4FJ8 0.040/0.088 |

(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact) associated with the head, see [page 28](#) and [29](#).

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



ZB4FJ3

XB4 632 CPMFS18258

Control and signaling units

Harmony XB4, metal

Diameter 30 mm flush mounted key switches with key 455

Flush mounted key switches for Ø 30 mm (1) (2)

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

| Shape of head | Type of operator | Type of contact | Positions | | Reference | Weight kg/lb | |
|--|---|--------------------------------|-----------|---------------------|---|---|--|
| | | | Number | Type | | | |
| Complete units (4) | | | | | | | |
|  |  | Key switch with key 455 | 1 | – | 2-position 90° Spring return to left |      | 0.153/0.337 0.153/0.337 0.153/0.337 0.153/0.337 0.153/0.337 |
|  |  | Key switch with key 455 (3) | | 2-position 90° | Stay put |     | 0.098/0.216 0.098/0.216 0.098/0.216 0.098/0.216 |
| ZB4FG0 | | | | 3-position ± 45° | Stay put Spring return from right to left |        | 0.098/0.216 0.098/0.216 0.098/0.216 0.098/0.216 0.098/0.216 0.098/0.216 |
| | | | | | Spring return from left to center |   | 0.098/0.216 0.098/0.216 |
| | | | | | Spring return to center |     | 0.098/0.216 0.098/0.216 0.098/0.216 0.098/0.216 |
| | | | | | Spring return from right to center | | |

(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact) associated with the head, see page 28 and 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 XB4, metal

Diameter 30 mm key switches

Flush mounted selector switches with knurled knob



ZB4FD29

XB4-632-CMF51B252

| Selector switches with knurled knob (1) | | | | Reference (2) | Weight kg/lb |
|---|---------------------|---------------------|--|---------------|-----------------|
| Shape of head | Type of operator | Positions Number | Type | | |
| Heads only | | | | | |
| | Black knurled knob | 2-position 90° | Stay put | ↙ | ZB4FD29 |
| | | 3-position ± 45° | Stay put | ↓ | ZB4FD39 |
| | | | Spring return to center | ↔↓ | ZB4FD59 |
| | | | Spring return from left to center | ←↓ | ZB4FD79 |
| | | | Spring return from right to center | →↓ | ZB4FD89 |

(1) For recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact) associated with the head, see [page 28](#) and [29](#).

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

Control and signaling units

Harmony XB4, metal

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 of head | Type of operator | Type of contact | | Positions Number Type | Supply voltage V | Color of handle | Reference | Weight kg/lb |
| | | NO | NC | | | | | |
| Complete units | | | | | | | | |
| <i>Universal for all color heads</i> | Standard handle | 1 | 1 | 2-position Stay put  90° | 24 ~ (50/60 Hz) | Green | XB4FK123B5 (2) (ZB4BW0B15 + ZB4FK123) | 0.101/0.223 |
| | | | | | | | | |
| | | | | | Red | XB4FK124B5 (2) (ZB4BW0B15 + ZB4FK124) | 0.101/0.223 | |
| | | | | | | | | |
| | | | | | Orange | XB4FK125B5 (2) (ZB4BW0B15 + ZB4FK125) | 0.101/0.223 | |
| | | | | | | | | |
| | | | | | 110...120 ~ (50/60 Hz) | Green | XB4FK123G5 (2) (ZB4BW0G15 + ZB4FK123) | 0.101/0.223 |
| | | | | | | | | |
| | | | | | Red | XB4FK124G5 (ZB4BW0G15 + ZB4FK124) | 0.101/0.223 | |
| | | | | | | | | |
| | | | | | Orange | XB4FK125G5 (2) (ZB4BW0G15 + ZB4FK125) | 0.101/0.223 | |
| | | | | | | | | |
| | Standard handle | 1 | 1 | 3-position Stay put  ± 45° | 24 ~ (50/60 Hz) | Green | XB4FK133B5 (2) (ZB4BW0B15 + ZB4FK133) | 0.101/0.223 |
| | | | | | | | | |
| | | | | | Red | XB4FK134B5 (ZB4BW0B15 + ZB4FK134) | 0.101/0.223 | |
| | | | | | | | | |
| | | | | | Orange | XB4FK135B5 (ZB4BW0B15 + ZB4FK135) | 0.101/0.223 | |
| | | | | | | | | |
| | | | | | 110...120 ~ (50/60 Hz) | Green | XB4FK133G5 (ZB4BW0G15 + ZB4FK133) | 0.101/0.223 |
| | | | | | | | | |
| | | | | | Red | XB4FK134G5 (ZB4BW0G15 + ZB4FK134) | 0.101/0.223 | |
| | | | | | | | | |
| | | | | | Orange | XB4FK135G5 (ZB4BW0G15 + ZB4FK135) | 0.101/0.223 | |
| | | | | | | | | |
| | Standard handle | 1 | 1 | 3-position Stay put  ± 45° | 230...240 ~ (50/60 Hz) | Green | XB4FK133M5 (2) (ZB4BW0M15 + ZB4FK133) | 0.101/0.223 |
| | | | | | | | | |
| | | | | | Red | XB4FK134M5 (ZB4BW0M15 + ZB4FK134) | 0.101/0.223 | |
| | | | | | | | | |
| | | | | | Orange | XB4FK135M5 (ZB4BW0M15 + ZB4FK135) | 0.101/0.223 | |

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.

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

Control and signaling units

Harmony XB4, metal

Diameter 30 mm flush mounted illuminated selector switches with standard handle, heads only



ZB4FK1343

XB4 632 CPMFS18259

| Shape of head | Type of operator | Positions | Color of handle | Reference | Weight kg/lb |
|-----------------------|------------------|------------------------------------|-----------------|--------------------------------------|--------------|
| | | Number Type | | | |
| Heads only (2) | | | | | |
| | Standard handle | 2-position Stay put 90° | ↙ | White ZB4FK1213 (3) | 0.036/0.079 |
| | | | | Green ZB4FK1233 (3) | 0.036/0.079 |
| | | | | Red ZB4FK1243 (3) | 0.036/0.079 |
| | | | | Orange ZB4FK1253 (3) | 0.036/0.079 |
| | | | | Blue ZB4FK1263 (3) | 0.036/0.079 |
| | | | | Yellow ZB4FK1283 (3) | 0.036/0.079 |
| | | Spring return from right to left | ↖ | White ZB4FK1413 (3) | 0.037/0.082 |
| | | | | Green ZB4FK1433 (3) | 0.037/0.082 |
| | | | | Red ZB4FK1443 (3) | 0.037/0.082 |
| | | | | Orange ZB4FK1453 (3) | 0.037/0.082 |
| | | | | Blue ZB4FK1463 (3) | 0.037/0.082 |
| | | | | Yellow ZB4FK1483 (3) | 0.037/0.082 |
| | | 3-position Stay put ± 45° | ↓ | White ZB4FK1313 (3) | 0.036/0.079 |
| | | | | Green ZB4FK1333 (3) | 0.036/0.079 |
| | | | | Red ZB4FK1343 (3) | 0.036/0.079 |
| | | | | Orange ZB4FK1353 (3) | 0.036/0.079 |
| | | | | Blue ZB4FK1363 (3) | 0.036/0.079 |
| | | | | Yellow ZB4FK1383 (3) | 0.036/0.079 |
| | | Spring return to center | ↔ | White ZB4FK1513 (3) | 0.036/0.079 |
| | | | | Green ZB4FK1533 (3) | 0.036/0.079 |
| | | | | Red ZB4FK1543 (3) | 0.036/0.079 |
| | | | | Orange ZB4FK1553 (3) | 0.036/0.079 |
| | | | | Blue ZB4FK1563 (3) | 0.036/0.079 |
| | | | | Yellow ZB4FK1583 (3) | 0.036/0.079 |
| | | Spring return from right to center | ↓ | White ZB4FK1813 (3) | 0.036/0.079 |
| | | | | Green ZB4FK1833 (3) | 0.036/0.079 |
| | | | | Red ZB4FK1843 (3) | 0.036/0.079 |
| | | | | Orange ZB4FK1853 (3) | 0.036/0.079 |
| | | | | Blue ZB4FK1863 (3) | 0.036/0.079 |
| | | | | Yellow ZB4FK1883 (3) | 0.036/0.079 |
| | | Spring return from left to center | ↖ | White ZB4FK1713 (3) | 0.036/0.079 |
| | | | | Green ZB4FK1733 (3) | 0.036/0.079 |
| | | | | Red ZB4FK1743 (3) | 0.036/0.079 |
| | | | | Orange ZB4FK1753 (3) | 0.036/0.079 |
| | | | | Blue ZB4FK1763 (3) | 0.036/0.079 |
| | | | | Yellow ZB4FK1783 (3) | 0.036/0.079 |

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 28 and 29.

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

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

Control and signaling units

Harmony XB4, metal

Diameter 30 mm flush mounted pilot lights with Universal LED



XB4FVB5

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 |
|-----------------------|--------------------------------|--------|--|-----------------|
| Complete units | | | | |
| ■ With plain lens | | | | |
| | 24 \sim (50/60 Hz) | White | XB4FVB1 (ZB4BVB1 + ZB4FV013) | 0.080/0.176 |
| | | Green | XB4FVB3 (ZB4BVB1 + ZB4FV033) | 0.080/0.176 |
| | | Red | XB4FVB4 (ZB4BVB1 + ZB4FV043) | 0.080/0.176 |
| | | Orange | XB4FVB5 (ZB4BVB1 + ZB4FV053) | 0.080/0.176 |
| | | Blue | XB4FVB6 (ZB4BVB1 + ZB4FV063) | 0.080/0.176 |
| | 110...120 \sim (50/60 Hz) | White | XB4FVG1 (ZB4BVG1 + ZB4FV013) | 0.080/0.176 |
| | | Green | XB4FVG3 (ZB4BVG1 + ZB4FV033) | 0.080/0.176 |
| | | Red | XB4FVG4 (ZB4BVG1 + ZB4FV043) | 0.080/0.176 |
| | | Orange | XB4FVG5 (ZB4BVG1 + ZB4FV053) | 0.080/0.176 |
| | | Blue | XB4FVG6 (ZB4BVG1 + ZB4FV063) | 0.080/0.176 |
| | 230...240 \sim (50/60 Hz) | White | XB4FVM1 (ZB4BVM1 + ZB4FV013) | 0.080/0.176 |
| | | Green | XB4FVM3 (ZB4BVM1 + ZB4FV033) | 0.080/0.176 |
| | | Red | XB4FVM4 (ZB4BVM1 + ZB4FV043) | 0.080/0.176 |
| | | Orange | XB4FVM5 (ZB4BVM1 + ZB4FV053) | 0.080/0.176 |
| | | Blue | XB4FVM6 (ZB4BVM1 + ZB4FV063) | 0.080/0.176 |

Heads only (2)

| Shape of head | For use with body comprising light source type | Color of lens | Reference | Weight kg/lb |
|--------------------------|---|------------------|-----------------|-----------------|
| ■ With plain lens | | | | |
| | | | | |
| | Universal LED only | White | ZB4FV013 | 0.026/0.057 |
| | | Green | ZB4FV033 | 0.026/0.057 |
| | | Red | ZB4FV043 | 0.026/0.057 |
| | | Orange | ZB4FV053 | 0.026/0.057 |
| | | Blue | ZB4FV063 | 0.026/0.057 |
| | | Yellow | ZB4FV083 | 0.026/0.057 |

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

Control and signaling units

Harmony XB4, metal

Diameter 30 mm accessories for flush mounted heads

Pushbutton caps with markings



ZBAF331

XBS.633.CPNFS17147

| 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 (1) | 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 (1) | 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 (1) | Black | White | ZBAF343 | 0.001/0.002 |
| | | DOWN (1) | White | Black | ZBAF344 | 0.001/0.002 |
| | | (T) (1) | White | Black | ZBAF245 | 0.001/0.002 |
| | | | Black | White | ZBAF145 | 0.001/0.002 |
| | | t (2) | White | Black | ZBAF335 | 0.001/0.002 |
| | | | Black | White | ZBAF334 | 0.001/0.002 |
| | | O (1) | White | Red | ZBAF432 | 0.001/0.002 |
| | | | Black | Red | ZBAF232 | 0.001/0.002 |
| | | ARRET | White | Red | ZBAF433 | 0.001/0.002 |
| | | | Black | Red | ZBAF233 | 0.001/0.002 |
| | | STOP (1) | White | Red | ZBAF434 | 0.001/0.002 |
| | | | Black | Red | ZBAF234 | 0.001/0.002 |
| | | OFF | White | Red | ZBAF435 | 0.001/0.002 |
| | | | Black | Red | ZBAF235 | 0.001/0.002 |
| | | R (1) | White | Blue | ZBAF639 | 0.001/0.002 |
| | | + | White | Black | ZBAF2934 | 0.001/0.002 |
| | | - | White | Black | ZBAF2935 | 0.001/0.002 |

(1) Double injection moulded marking.

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

References (continued)

Control and signaling units

Harmony XB4 metal

Diameter 30 mm legend holders for flush mounted heads



ZBZF32



ZBYF2101



ZBZF33



ZBYF6101



ZBYFP2101



ZBYFP2303

Standard 40 x 50 mm legend holders for 8 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 | 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 (1) O-I STOP START (in white) MARCHE I-O-II OFF-ON ARRET-MARCHE | 10 10 10 10 10 10 10 | ZBYF2178 ZBYF2304 ZBYF2303 ZBYF2103 ZBYF2186 ZBYF2367 ZBYF2166 | ZBYF2178C0 ZBYF2304C0 ZBYF2303C0 ZBYF2103C0 ZBYF2186C0 ZBYF2367C0 ZBYF2166C0 | 0.003/0.007 0.003/0.007 0.003/0.007 0.003/0.007 0.003/0.007 0.003/0.007 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 White or yellow | 10 10 | ZBYF6101 ZBYF6102 | ZBYF6101C0 ZBYF6102C0 | 0.002/0.004 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](#).

Standard 40 x 50 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 | 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 | |

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 XB4 metal

Diameter 30 mm legends 8 x 27 mm



ZBY0101

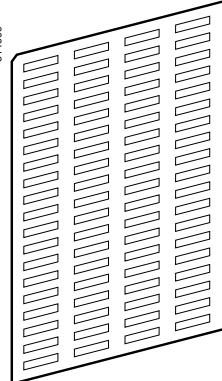


ZBY02304

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 (2) | 0.001/0.002 |
| | White or yellow | – | 10 | ZBY0102 (2) | 0.001/0.002 |
| International | Black or red (1) | O-I | 10 | ZBY02178 | 0.001/0.002 |
| | | STOP | 10 | ZBY02304 | 0.001/0.002 |
| French | Black or red (1) | AUTO-MAIN | 10 | ZBY02185 | 0.001/0.002 |
| | | MARCHE | 10 | ZBY02103 | 0.001/0.002 |
| | | SOUS TENSION | 10 | ZBY02126 | 0.001/0.002 |

814309



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.

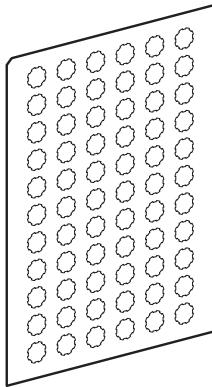
References (continued)

Control and signaling units

Harmony XB4 metal

Diameter 30 mm legends for insertion, printing, or pre-printed, circular
Bellows for harsh environments

DF50813



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 | – | Without | 10 | ZBY1101 | 0.017/0.037 |
| Strips of 66 circular peel-off, transparent, self-adhesive legends | International | I | 10 | ZBY1147 | 0.017/0.037 |

Control and signaling units

Harmony XB4, metal

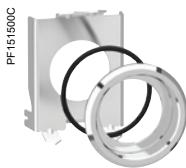
Diameter 22 mm accessories for pushbuttons



ZB4FBZ014



ZB4FBZ100



ZB4BZ021

Other accessories (continued)

| Description | For use with | Color | Sold in lots of | Unit reference | Weight kg/lb |
|---|---|-----------------|-----------------|----------------|--------------|
| Flush mounted metal circular blanking plug | Ø 30 mm/1.181 in. flush mounted control and signaling units | Chromium plated | 10 | ZB4FSZ3 | 0.070/0.154 |
| 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 |
| | Ø 30 mm/1.181 in. flush mounted control and signaling units | Chromium plated | 10 | ZB4FBZ007 | 0.003/0.006 |
| Earth plate | Ø 30 mm/1.181 in. flush mounted control and signaling units | Chromium plated | 10 | ZB4FBZ100 | 0.007/0.0160 |
| Spacer for metal flush offer | Ø 30 mm/1.181 in. flush mounted control and signaling units | | 10 | ZB4FBZ010 | 0.003/0.006 |
| Ø 30 mm/1.181 in. flush mounting kit for pushbuttons and pilot lights | ZB4B● pushbutton with head mounted flush with bezel | Chromium plated | 1 | ZB4BZ021 | 0.019/0.042 |
| Ø 30 mm/1.181 in. flush mounting kit for selector switches and illuminated pushbuttons | ZB4B● pushbutton with head mounted flush with bezel | Chromium plated | 1 | ZB4BZ022 | 0.021/0.046 |
| Ø 30 mm/1.181 in. flush mounting kit for pushbuttons and pilot lights | ZB4B● pushbutton with head mounted flush with bezel | Metal black | 1 | ZB4BZ0217 | 0.019/0.042 |
| Ø 30 mm/1.181 in. flush mounting kit for selector switches and illuminated pushbuttons | ZB4B● pushbutton with head mounted flush with bezel | Metal black | 1 | ZB4BZ0227 | 0.021/0.046 |
| Adapter (Ø 30 to Ø 22 mm/1.181 to 0.866 in. reducer) | All pushbuttons | Chromium plated | 1 | ZB4BZ012 | 0.023/0.051 |

(1) Body/fixing collar ZB4BZ009 required for mounting to be ordered separately (see page 103).

Common Components and Accessories

References

Control and signaling units

Harmony XB4, metal

Body/contact assemblies - Screw clamp terminal connections



ZB4BZ009



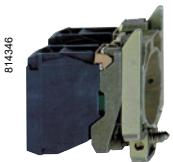
ZBE101



ZBE203



ZB4BZ101



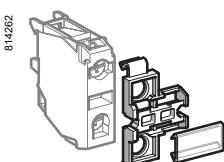
ZB4BZ106



ZBE501



ZB2BE101



ZBZ001

Body/fixing collar

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

Contact functions (1)

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

Contacts for standard applications

| Description | Type of contact | NO | NC | NC MC(6) | Sold in lots of | Unit reference | Weight kg/lb |
|----------------|--------------------------------|----|----|----------|-----------------|----------------|--------------|
| Contact blocks | Single | 1 | — | — | 5 | ZBE101 | 0.011/0.024 |
| | | — | 1 | — | 5 | ZBE102 | 0.011/0.024 |
| | | — | — | 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 | ZB4BZ101 | 0.053/0.117 |
| | | — | 1 | — | 1 | ZB4BZ102 | 0.053/0.117 |
| | | 2 | — | — | 1 | ZB4BZ103 | 0.062/0.137 |
| | | — | 2 | — | 1 | ZB4BZ104 | 0.062/0.137 |
| | | 1 | 1 | — | 1 | ZB4BZ105 | 0.062/0.137 |
| | | 1 | 2 | — | 1 | ZB4BZ141 | 0.072/0.159 |

Contacts for specific applications

| Application | Type of contact | Description | NO | NC | NC MC(6) | Sold in lots of | Unit reference | Weight kg/lb |
|--|--------------------|---|----|----|----------|-----------------|----------------|--------------|
| Low power switching | Single | Standard | 1 | — | — | 5 | ZBE1016 | 0.012/0.026 |
| | | Dusty environment (2) (IP 5X, 50 µm dust) | — | 1 | — | 5 | ZBE1026 | 0.012/0.026 |
| | Staggered contacts | Early make NO | 1 | — | — | 5 | ZBE1016P | 0.012/0.026 |
| | | Late break NC | — | 1 | — | 5 | ZBE1026P | 0.012/0.026 |
| Staggered contacts | Single | Overlapping NO+NC | 1 | 1 | — | 5 | ZBE201 | 0.011/0.024 |
| | | Single with body/fixing collar | — | — | — | 5 | ZBE202 | 0.011/0.024 |
| | Single | Staggered NO+NO | 2 | — | — | 5 | ZB4BZ106 | 0.062/0.137 |
| | | Staggered NO+NO | — | — | — | 5 | ZB4BZ107 | 0.062/0.137 |
| High power switching | Single | Standard (3) | 1 | — | — | 1 | ZBE501 | 0.020/0.044 |
| | | | — | 1 | — | 1 | ZBE502 | 0.020/0.044 |
| | | | 2 | — | — | 1 | ZBE503 | 0.032/0.071 |
| | | | — | 2 | — | 1 | ZBE504 | 0.032/0.071 |
| | | | 1 | 1 | — | 1 | ZBE505 | 0.032/0.071 |
| | | | — | 1 | — | 1 | ZB2BE101 | 0.020/0.044 |
| Additional contact blocks for high power switching | Single | Standard (4) | 1 | — | — | 1 | ZB2BE102 | 0.020/0.044 |
| | | | — | 1 | — | 1 | ZB2BE102 | 0.020/0.044 |

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

| Description | Sold in lots of | Unit reference | Weight kg/lb |
|-------------|-----------------|----------------|--------------|
|-------------|-----------------|----------------|--------------|

Clip-on legend holder for electrical blocks with screw clamp terminal connections (5). For identification of an XB4B control or signaling unit

Sheet of 50 blank legends for legend holder ZBZ001

(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 28 and 29.

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

(3) It is not possible to use these contacts with light blocks.

(4) To be fitted on the back of ZBE501 contacts.

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

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

Control and signaling units

Harmony XB4, metal

Light blocks - Screw clamp terminal connections



ZBVB•

Light blocks with screw clamp terminal connections (Schneider Electric anti-loosening system)

| Description | Supply voltage V | Sold in lots of | Unit reference | Weight kg/lb |
|---------------------------|--------------------------------|-----------------|----------------|--------------|
| Universal LED light block | 12 \sim (50/60 Hz) | 5 | ZBVJ1 | 0.017/0.037 |
| | 24 \sim (50/60 Hz) | 5 | ZBVB1 | 0.017/0.037 |
| | 24...120 \sim (50/60 Hz) | 5 | ZBVBG1 | 0.017/0.037 |
| | 110...120 \sim (50/60 Hz) | 5 | ZBVG1 | 0.017/0.037 |
| | 230...240 \sim (50/60 Hz) | 5 | ZBVM1 | 0.017/0.037 |



ZBVGM1T

Light blocks with inductive overload protection

| | | | | |
|---------------------------|--------------------------------|---|---------|-------------|
| Universal LED light block | 110...240 \sim (50/60 Hz) | 5 | ZBVGM1T | 0.017/0.037 |
|---------------------------|--------------------------------|---|---------|-------------|

Control and signaling units

Harmony XB4, metal

Light blocks - Flashing light blocks, transformer blocks, blocks for "test light" function

PF080705



ZBV5B

Flashing light blocks with screw clamp terminal connections (Schneider Electric anti-loosening system)

| | | | | |
|---------------|--------------------------------|---|---------|-------------|
| Universal LED | 24 \sim (50/60 Hz) | 5 | ZBV18B1 | 0.017/0.037 |
| | 110...120 \sim (50/60 Hz) | 5 | ZBV18G1 | 0.017/0.037 |
| | 230...240 \sim (50/60 Hz) | 5 | ZBV18M1 | 0.017/0.037 |

Transformer blocks for 24 V light blocks (1)

| For use with | Supply voltage V | Description | Reference | Weight kg/lb |
|---------------------------|----------------------|---------------------------------|-----------|-----------------|
| Integral LED Light blocks | 400 V \sim - 50 Hz | Transformer 400 V - 24 V \sim | ZBV5B (2) | 0.090/0.198 |

121461



ZBZG156

Blocks for "test light" function

| For use with | Supply voltage V | Description | Reference | Weight kg/lb |
|--------------|-------------------------------------|----------------------------------|-------------|-----------------|
| Light blocks | 12 and 24 \sim 24...120 \sim | Single module, 1 connecting wire | ZBZG156 (3) | 0.010/0.022 |

121463



ZBZM156

Universal LED Light blocks

| | | | | |
|----------------------------|-----------------|--------------------------------------|-------------|-------------|
| Universal LED Light blocks | 48...230 \sim | Double module, with connecting wires | ZBZM156 (4) | 0.010/0.022 |
|----------------------------|-----------------|--------------------------------------|-------------|-------------|

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

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

(3) Block for use with \sim light blocks with Universal LED types ZBVJ \bullet , ZBV \bullet , ZVB BG \bullet or with direct supply light block for BA 9s bulb, ZBV6.

(4) Block for use with \sim light blocks Universal LED types ZBVG \bullet , ZBVM \bullet , see connection on our website www.se.com.

References

Control and signaling units

Harmony XB4, metal

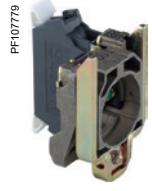
Body/contact assemblies - Spring clamp terminal connections



ZB4BZ009



ZBE1015



ZB4BZ1015

| Body/fixing collar | | For use with | Sold in lots of | Unit reference | Weight kg/lb |
|-------------------------------------|--------|-----------------|-----------------|----------------|-----------------------|
| | | | | | |
| Electrical block (contact or light) | | | 10 | ZB4BZ009 | 0.038/0.084 |
| Contact functions | | | | | |
| Spring clamp terminal connections | | | | | |
| Contacts for standard applications | | | | | |
| Description | | Type of contact | | ⊖ | Sold in lots of |
| | | | NO | NC | |
| Contact blocks | Single | 1 | – | 4 | ZBE1015 0.011/0.024 |
| | | – | 1 | 4 | ZBE1025 0.011/0.024 |
| Single with body/fixing collar | | 1 | – | 1 | ZB4BZ1015 0.053/0.117 |
| | | – | 1 | 1 | ZB4BZ1025 0.053/0.117 |
| | | 2 | – | 1 | ZB4BZ1035 0.062/0.137 |
| | | – | 2 | 1 | ZB4BZ1045 0.062/0.137 |
| | | 1 | 1 | 1 | ZB4BZ1055 0.062/0.137 |
| | | | | | |

Control and signaling units

Harmony XB4, metal

Light blocks - Spring clamp terminal connections, blank legends

| Light blocks Spring clamp terminal connections (1) | | | | |
|---|--------------------------------|-----------------|----------------|--------------|
| Description | Supply voltage V | Sold in lots of | Unit reference | Weight kg/lb |
| Universal LED light block | 12 \sim (50/60 Hz) | 4 | ZBVJ15 | 0.016/0.035 |
| | 24 \sim (50/60 Hz) | 4 | ZVB15 | 0.016/0.035 |
| | 110...120 \sim (50/60 Hz) | 4 | ZBVG15 | 0.016/0.035 |
| | 230...240 \sim (50/60 Hz) | 4 | ZBVM15 | 0.016/0.035 |



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

References

Control and signaling units

Harmony XB4, metal

Body/contact assemblies for printed circuit board



ZB4BZ009



ZB4BZ079 + ZB4BZ009



ZBZ01•



ZBZ110



ZBE701



ZBE702



ZBVB•7

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

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

Adapter (socket) (1)

| For use with | Thickness of printed circuit board (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 |

Grounding plate

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

Contact functions (1)

Contacts for standard applications

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

Contacts for specific applications

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

Light blocks (1)

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

(1) For details of support drilling and of printed circuit board, see our website www.se.com.

Control and signaling units

Harmony XB4, metal

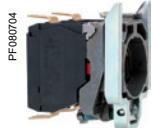
Body/contact assemblies - Faston connectors



ZBE1023



ZBE2043



ZB4BZ1043

Contact functions (1)

Faston connectors (6.35 or 2 x 2.8 mm/0.250 or 2 x 0.110 in.) (Schneider Electric anti-loosening system)

Contacts for standard applications

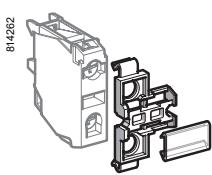
| Description | Type of contact | NO | NC | Sold in lots of | Unit reference | Weight kg/lb |
|----------------|--------------------------------|----|----|-----------------|----------------|--------------|
| Contact blocks | Single | 1 | – | 5 | ZBE1013 | 0.011/0.024 |
| | | – | 1 | 5 | ZBE1023 | 0.011/0.024 |
| | Double | 2 | – | 5 | ZBE2033 | 0.020/0.044 |
| | | 1 | 1 | 5 | ZBE2053 | 0.020/0.044 |
| | Single with body/fixing collar | 1 | – | 1 | ZB4BZ1013 (2) | 0.053/0.117 |
| | | – | 1 | 1 | ZB4BZ1023 (2) | 0.053/0.117 |
| | | 2 | – | 1 | ZB4BZ1033 | 0.062/0.137 |
| | | – | 2 | 1 | ZB4BZ1043 | 0.062/0.137 |
| | | 1 | 1 | 1 | ZB4BZ1053 | 0.062/0.137 |

Contacts for specific applications

| Application | Type of contact | Description | NO | NC | Sold in lots of | Unit reference | Weight kg/lb |
|----------------------|-----------------|--------------|----|----|-----------------|----------------|--------------|
| Low power switching | Single | Standard | 1 | – | 5 | ZBE10163 (2) | 0.012/0.026 |
| | | | 1 | – | 5 | ZBE1016P3 (2) | 0.012/0.026 |
| | | | – | 1 | 5 | ZBE1026P3 (2) | 0.012/0.026 |
| High power switching | Single | Standard (4) | | – | 1 | ZBE5023 | 0.021/0.046 |

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

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



ZBZ001

Sheet of 50 blank legends

| | | | |
|----------------------|----|--------|-------------|
| Legend holder ZBZ001 | 10 | ZBY001 | 0.023/0.051 |
|----------------------|----|--------|-------------|

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

Control and signaling units

Harmony XB4, metal

Body/contact assemblies + light blocks with Universal LED

PF51255



| 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 | L \\ NC | |
| Direct supply | | | | |
| Universal LED | 24 ~ (50/60 Hz) | 1 | - | ZB4BW0B11 0.064/0.141 |
| | | - | 1 | ZB4BW0B12 0.064/0.141 |
| | | 2 | - | ZB4BW0B13 0.074/0.163 |
| | | 1 | 1 | ZB4BW0B15 0.074/0.163 |
| 110...120 ~ (50/60 Hz) | | | | |
| | | 1 | - | ZB4BW0G11 0.064/0.141 |
| | | - | 1 | ZB4BW0G12 0.064/0.141 |
| | | 2 | - | ZB4BW0G13 0.074/0.163 |
| | | 1 | 1 | ZB4BW0G15 0.074/0.163 |
| 230...240 ~ (50/60 Hz) | | | | |
| | | 1 | - | ZB4BW0M11 0.064/0.141 |
| | | - | 1 | ZB4BW0M12 0.064/0.141 |
| | | 2 | - | ZB4BW0M13 0.074/0.163 |
| | | 1 | 1 | ZB4BW0M15 0.074/0.163 |
| 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 100](#).

Control and signaling units

Harmony XB4, metal

Body/light assemblies for pilot lights with Universal LED

101239



ZB4BV••

| Complete light bodies (fixing collar + 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 | 12 ≈ (50/60 Hz) | ZB4BVJ1 | 0.054/0.119 |
| | 24 ≈ (1) (50/60 Hz) | ZB4BVB1 | 0.054/0.119 |
| | 24...120 ≈ (50/60 Hz) | ZB4BVBG1 | 0.054/0.119 |
| | 110...120 ≈ (1) (50/60 Hz) | ZB4BVG1 | 0.054/0.119 |
| | 230...240 ≈ (1) (50/60 Hz) | ZB4BVM1 | 0.054/0.119 |

| Complete bodies with flashing pilot light (fixing collar + 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 | 24 ≈ (50/60 Hz) | ZB4BV18B1 | 0.054/0.119 |
| | 110...120 ≈ (50/60 Hz) | ZB4BV18G1 | 0.054/0.119 |
| | 230...240 ≈ (50/60 Hz) | ZB4BV18M1 | 0.054/0.119 |

(1) Complete bodies with Faston connector terminals (6.35 or 2 x 2.8 mm/0.250 or 2x 0.110 in.), see [page 106](#).

Control and signaling units

Harmony XB4, metal

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

Complete body/contact assemblies and light blocks (1)

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

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

| Light source | Supply voltage V | Type of contact | Color of light source | Reference | Weight kg/lb |
|--|--|-----------------|-----------------------|-----------|--------------|
| | | NO | NC | | |
| Direct supply | | | | | |
| BA9s base fitting bulb, 2.4 W max, not included (2) | ≤ 250 | 1 | — | ZB4BW061 | 0.063/0.139 |
| | | — | 1 | ZB4BW062 | 0.063/0.139 |
| | | 2 | — | ZB4BW063 | 0.073/0.161 |
| | | 1 | 1 | ZB4BW065 | 0.073/0.161 |
| Supply via integral transformer (1.2 VA, 6 V secondary) | | | | | |
| BA9s base fitting incandescent bulb, included | 110...120 ~ 50/60 Hz | 1 | — | ZB4BW031 | 0.141/0.311 |
| | | 1 | 1 | ZB4BW035 | 0.151/0.333 |
| | 230 ~ 50 Hz | 1 | — | ZB4BW041 | 0.141/0.311 |
| | 220...240 ~ 60 Hz | 1 | 1 | ZB4BW045 | 0.151/0.333 |
| | 400 ~ 50 Hz | 1 | — | ZB4BW051 | 0.141/0.311 |
| | | 1 | 1 | ZB4BW055 | 0.151/0.333 |
| Other versions | Complete bodies with integral 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 100](#).

(2) Bulb to be ordered separately: see [page 111](#).

XB4_632_CPODA2016174



ZB4BW06•

101239



ZB4BW05•

Control and signaling units

Harmony XB4, metal

Light bodies for pilot lights with BA 9s base fitting

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

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

Complete light bodies (fixing collar + light block)

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

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

| Light source | Supply voltage V | Color of light source | Reference | Weight kg/lb |
|--|-----------------------|-----------------------|-----------------|--------------|
| Direct supply | | | | |
| BA 9s base fitting bulb, 2.4 W max., not included (1) | ≤ 250 | — | ZB4BV6 | 0.052/0.335 |
| Supply via integral transformer (1.2 VA, 6 V secondary) | | | | |
| BA 9s base fitting incandescent bulb, included | 110...120 ~ -50/60 Hz | — | ZB4BV3 | 0.130/0.287 |
| | 230 ~ - 50 Hz | — | ZB4BV4 | 0.130/0.287 |
| | 220...240 ~ - 60 Hz | — | ZB4BV5 | 0.131/0.289 |
| | 400 ~ - 50 Hz | — | ZB4BV8 | 0.128/0.282 |
| | 440...480 ~ - 60 Hz | — | ZB4BV9 | 0.131/0.289 |
| | 550...600 ~ - 60 Hz | — | ZB4BV5D1 | 0.134/0.295 |
| | 400 ~ - 50/60 Hz | White | ZB4BV5D3 | 0.134/0.295 |
| | | Green | ZB4BV5D4 | 0.134/0.295 |
| | | Red | ZB4BV5D5 | 0.134/0.295 |
| | | Orange | ZB4BV5D6 | 0.134/0.295 |
| | | Blue | | |

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

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

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

| | | | | |
|---|-------|---|-----------------|-------------|
| BA 9s base fitting bulb, 2.4 W max., not included (1) | ≤ 250 | — | ZB4BV156 | 0.062/0.137 |
|---|-------|---|-----------------|-------------|

| | |
|-----------------------|---|
| Other versions | Complete bodies with Faston connector terminals (6.35 or 2 x 2.8 mm/0.250 or 2 x 0.110 in.), see page 106 . |
|-----------------------|---|

(1) Bulb to be ordered separately, see [page 111](#).

DF540771



DL1CJ0***

DF540772



DL1CE***

DF540773



DL1CF***

DF540774



XBFX13

Bulbs with BA 9s base fitting and associated accessories

| Description | Characteristics | Color | Sold in lots of | Unit reference | Weight kg/lb |
|--------------------|--|--------|-----------------|----------------|--------------|
| LEDs | 24 V ~ | White | 1 | DL1CJ0241 | 0.002/0.004 |
| | | Green | 1 | DL1CJ0243 | 0.002/0.004 |
| | | Red | 1 | DL1CJ0244 | 0.002/0.004 |
| | | Orange | 1 | DL1CJ0245 | 0.002/0.004 |
| | | Blue | 1 | DL1CJ0246 | 0.002/0.004 |
| Incandescent bulbs | 48 V ~ | Green | 1 | DL1CJ0483 | 0.002/0.004 |
| | | Red | 1 | DL1CJ0484 | 0.002/0.004 |
| | | Orange | 1 | DL1CJ0485 | 0.002/0.004 |
| Neon bulbs | 6 V - 1.2 W 24 V - 2 W 120...130 V 2.4 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 |
| Bulb extractor | — | — | 1 | XBFX13 | 0.005/0.011 |

| Description | Characteristics | Sold in lots of | Unit reference | Weight kg/lb |
|--|--------------------------------|-----------------|----------------|--------------|
| Anti-rotation plate for ZB4F selector switch heads | For ZB4F selector switch heads | 10 | ZB5FAZ902 | 0.008/0.018 |



ZBG455
PF100885



ZBG455P
PF523999

| 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 | — |

(1) Key number to be added when ordering.

PF10233



ZBGP

PF10232



ZBDD2

Replacement keys (continue)

| Description | Key number | Reference | Weight kg/lb |
|---------------------------------------|--|-----------|--------------|
| Accessory for key switches (1) | | | |
| 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) Not compatible with products with TEC10 key.

Control and signaling units

Harmony XB4 metal

Legends panel and other accessories

XB4_632_CPSVA18028

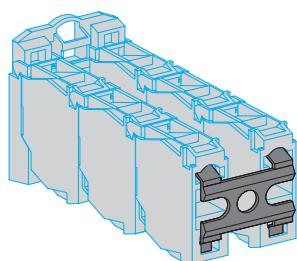


ZBYLEG304000

| Legends panel (1) | | Unit reference | Weight kg/lb |
|---------------------------|--|----------------|--------------|
| Template size mm/in. | | | |
| 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 |

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

DF540766



ZBZ007

Other accessories

| Description | For use with | Color | 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 | 0.006/0.0123 |
| Set of tabs for Faston connection | ZBE10● contact blocks and ZBV● light blocks | – | 10 | ZBZ003 | 0.001/0.002 |

Control and signaling units

Harmony XB4, metal

Product reference index

Control and signaling units

Harmony XB4, metal

Product reference index

| | | | | | | | |
|-------------|----|-------------|----|-----------|----|-----------|-----|
| ZB4BA331 | 34 | ZB4BG05 | 56 | ZB4BK1743 | 59 | ZB4BT2 | 43 |
| ZB4BA333 | 34 | ZB4BG6 | 56 | ZB4BK1753 | 59 | ZB4BT84 | 45 |
| ZB4BA334 | 34 | ZB4BG6TEC10 | 57 | ZB4BK1763 | 59 | ZB4BT844 | 45 |
| ZB4BA335 | 34 | ZB4BG7 | 56 | ZB4BK1783 | 59 | ZB4BV01 | 62 |
| ZB4BA341 | 34 | ZB4BG8 | 56 | ZB4BK1813 | 59 | ZB4BV01S | 62 |
| ZB4BA432 | 34 | ZB4BG08 | 56 | ZB4BK1833 | 59 | ZB4BV003 | 61 |
| ZB4BA434 | 34 | ZB4BG9 | 56 | ZB4BK1843 | 59 | ZB4BV03 | 62 |
| ZB4BA791 | 41 | ZB4BG09 | 56 | ZB4BK1853 | 59 | ZB4BV3 | 110 |
| ZB4BA7120 | 39 | ZB4BH01 | 52 | ZB4BK1863 | 59 | ZB4BV03S | 62 |
| ZB4BA7121 | 39 | ZB4BH02 | 52 | ZB4BK1883 | 59 | ZB4BV04 | 62 |
| ZB4BA7340 | 39 | ZB4BH03 | 52 | ZB4BL1 | 32 | ZB4BV4 | 110 |
| ZB4BA7341 | 39 | ZB4BH04 | 52 | ZB4BL2 | 32 | ZB4BV04S | 62 |
| ZB4BA7115 | 41 | ZB4BH05 | 52 | ZB4BL3 | 32 | ZB4BV05 | 62 |
| ZB4BA7114 | 41 | ZB4BH06 | 52 | ZB4BL4 | 32 | ZB4BV5 | 110 |
| ZB4BA73133 | 41 | ZB4BH07 | 52 | ZB4BL5 | 32 | ZB4BV5D1 | 110 |
| ZB4BA73134 | 41 | ZB4BH08 | 52 | ZB4BL6 | 32 | ZB4BV5D3 | 110 |
| ZB4BB2 | 67 | ZB4BH09 | 52 | ZB4BL232 | 34 | ZB4BV5D4 | 110 |
| ZB4BB4 | 67 | ZB4BH10 | 52 | ZB4BL234 | 34 | ZB4BV5D5 | 110 |
| ZB4BC2 | 42 | ZB4BH11 | 52 | ZB4BL432 | 34 | ZB4BV5D6 | 110 |
| ZB4BC3 | 42 | ZB4BH12 | 52 | ZB4BL434 | 34 | ZB4BV05S | 62 |
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