

Control and signaling units

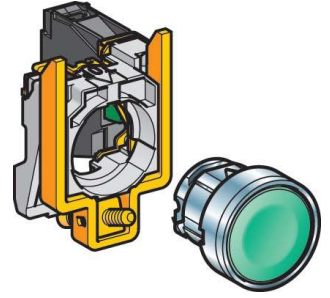
Harmony XB4 metal

Pushbuttons, switches, and pilot lights

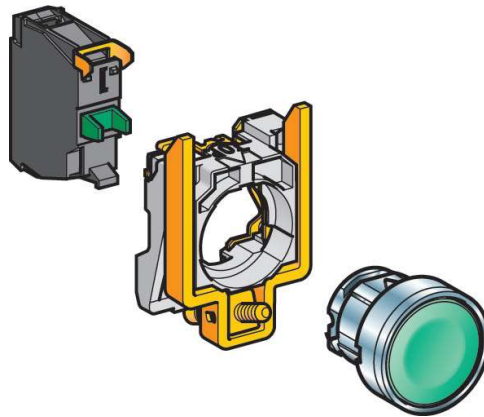
The Harmony XB4 range of metal pushbuttons, switches, and pilot lights combines simplicity of installation, flexibility, and robustness to meet the majority of industrial applications. It delivers one of the most comprehensive product ranges available on the market and meets the robustness and performance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

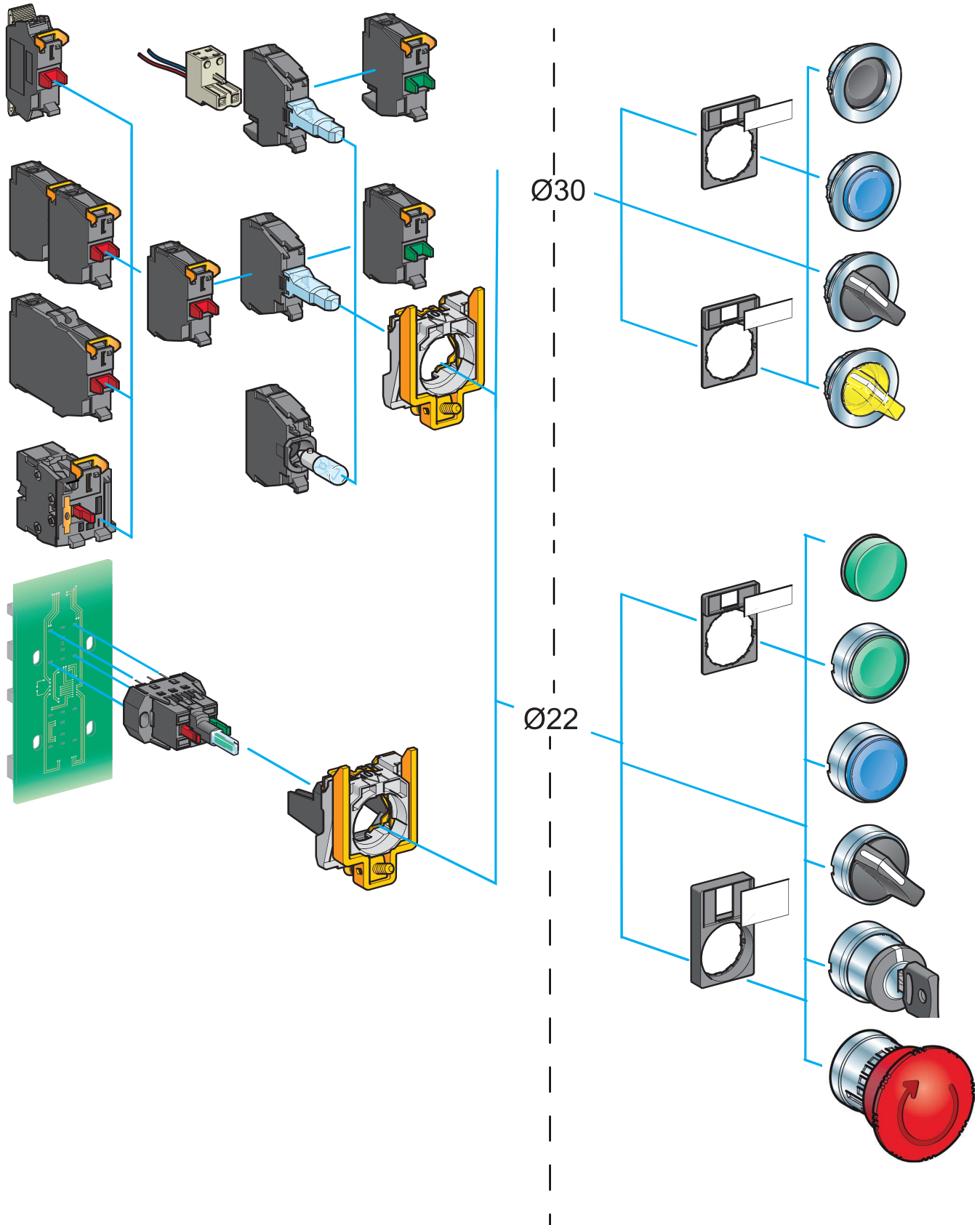


A global network of partners you can rely on to support customized end-to-end solutions

Control and signaling units

Harmony XB4 metal

Pushbuttons, switches, and pilot lights





360° view
Click on the image for 3D view

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



Customized products





Emergency stop pushbutton with illuminated rings



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



NC monitoring contact block



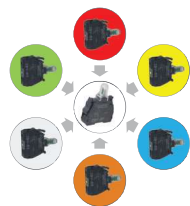
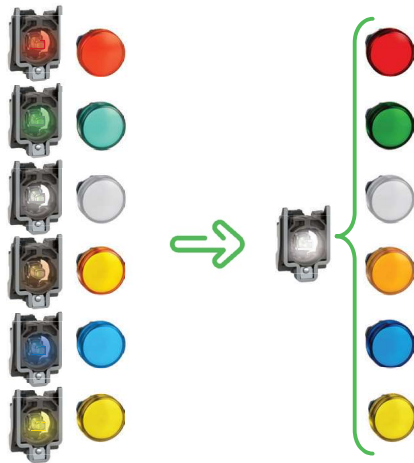
[Harmony XB4 metal](#),
[Explosive atmosphere offer](#)

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



USB port



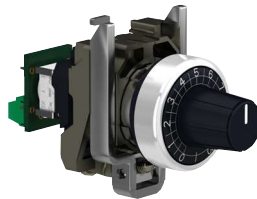
RJ45 port



Timer



3-phase indicator



Complete potentiometer



Buzzer



Basic display

Mounting options for easy access
to functions on the front 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



Legend panel

Compatible with control stations and enclosures

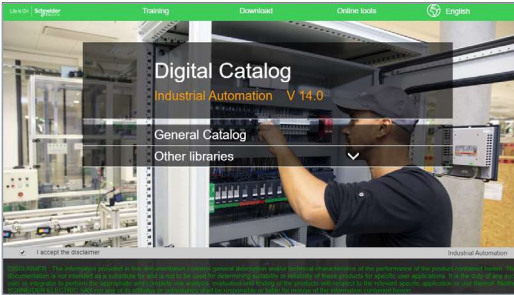
The Harmony XB4 range is compatible with a wide range of control stations and enclosures

- > 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



Product Selector

Web digital selector
Click to open the selector



Digi-Cat
Click to download Digi-Cat

Simple selection

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

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

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

Easy to convert from standard to flush mounted pushbuttons

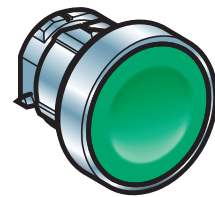
- > Harmony XB4 pushbuttons offer the flexibility to convert from standard to flush mounting versions by simply changing a single letter in the product reference.

Example:

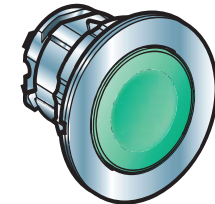
ZB4BA3



ZB4FA3



Standard
mounting

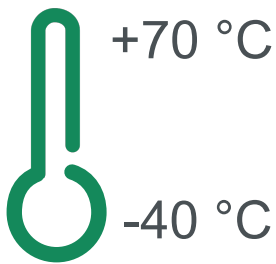


Flush
mounting



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

IP69 Robust performance
even in harsh
environments



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



Material working



Packaging



Pumping



Consumer packaged goods



Water & waste water



Oil & Gas



Material handling

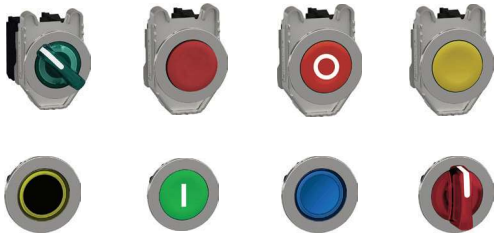
Control and signaling units

Harmony 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, annunciator, 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

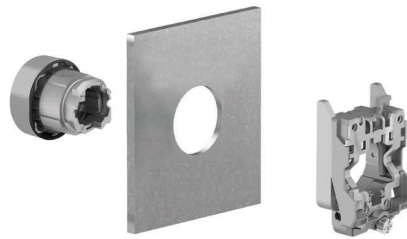
Pushbuttons, switches, and pilot lights

Installation

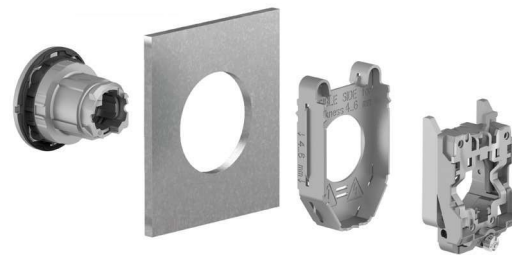
Harmony XB4 products are both simple and quick to install:

- 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 $\text{Ø} 22 \text{ mm}/0.866 \text{ in.}$ 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 $\text{Ø} 30 \text{ mm}/1.181 \text{ in.}$ hole. This gives flush mounting products the same actuating area as that of standard mounting products, offering optimized ergonomics for operators even when wearing gloves.

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 $+70 \text{ °C}/-40 \text{ °F}$ to $+158 \text{ °F}$ 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	Wireless and batteryless pushbuttons	Pushbuttons, selector switches, and pilot lights	Joystick controllers	Pushbuttons, selector switches, and pilot lights	Cam switches
Description of range	<ul style="list-style-type: none"> LED pilot lights 	<ul style="list-style-type: none"> 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) 	<ul style="list-style-type: none"> Fingerprint readers 24V \pm Stand-alone biometric switches Stand-alone USB biometric switches USB biometric switches dedicated to Schneider HMI (2) 	<ul style="list-style-type: none"> Wireless and batteryless pushbuttons and rope pull switch Wireless receivers Harmony Hub 	<ul style="list-style-type: none"> 2- or 4-direction Stay put or spring return 	<ul style="list-style-type: none"> Pushbuttons Emergency Stop pushbuttons Selector switches and key switches Illuminated pushbuttons Pilot lights 	<ul style="list-style-type: none"> Switches Stepping switches Reversing and changeover switches Ammeter switches Voltmeter switches Reversing switches Star-data and reversing star-data switches Phase change switches 	
Features	<ul style="list-style-type: none"> Monolithic, compact, low consumption 	<ul style="list-style-type: none"> Complete units or sub-assemblies (body + head) 	<ul style="list-style-type: none"> Monolithic 	<ul style="list-style-type: none"> Ready-to-use packs (3) and "components" range Metal, chromium plated, or double insulated, black 	<ul style="list-style-type: none"> Complete units or sub-assemblies (body + head with lever) Metal, chromium plated Double insulated, black 	<ul style="list-style-type: none"> Complete units or sub-assemblies (body + head) Metal, chromium plated, or double insulated, black 	<ul style="list-style-type: none"> Complete units or sub-assemblies (body + front panel+ head) 	
Drilling or cut-out for fixing	<ul style="list-style-type: none"> Double insulated 	<ul style="list-style-type: none"> Metal, chromium plated, or black 	<ul style="list-style-type: none"> Double insulated, dark gray 	<ul style="list-style-type: none"> Metal, chromium plated, or double insulated, black 	<ul style="list-style-type: none"> Double insulated, black 	<ul style="list-style-type: none"> Hexagonal 	<ul style="list-style-type: none"> Square 	
Degree of protection	<ul style="list-style-type: none"> Circular \varnothing 8 mm and \varnothing 12 mm/0.315 in. and 0.472 in. 	<ul style="list-style-type: none"> Circular, square, or rectangular \varnothing 16 mm/0.630 in. 	<ul style="list-style-type: none"> – \varnothing 22 mm/0.866 in. 	<ul style="list-style-type: none"> Transmitter with circular head \varnothing 22 mm/0.866 in. 	<ul style="list-style-type: none"> Circular \varnothing 30 mm/1.181 in. (for flush mounted control and signaling units) 	<ul style="list-style-type: none"> IP65 IP66, IP67, IP69, and IP69K 	<ul style="list-style-type: none"> IP65 IP66 	<ul style="list-style-type: none"> IP65 IP66 IP65 series K10 IP40, IP65 with seal: series K1/K2 IP40: series K30...K150
Cabling	<ul style="list-style-type: none"> Tags for 2, 0.5 mm/0.110 x 0.020 in. connectors or threaded connector 	<ul style="list-style-type: none"> Feston connectors Solder pins for printed circuit boards (4) Fast connector socket (5) 	<ul style="list-style-type: none"> Cable or connectors 	<ul style="list-style-type: none"> Wireless (transmitter) Through cable (receiver) 	<ul style="list-style-type: none"> Screw and captive clamp terminal connections Feston clip connections (pilot lights) 	<ul style="list-style-type: none"> Screw and captive clamp terminal connections 	<ul style="list-style-type: none"> – 	
Mounting	<ul style="list-style-type: none"> Panel thickness 1...8 mm/0.039...0.315 in. 	<ul style="list-style-type: none"> 1...6 mm/0.039...0.236 in. 	<ul style="list-style-type: none"> 1...6 mm/0.039...0.236 in. 	<ul style="list-style-type: none"> 1...6 mm/0.039...0.236 in. 	<ul style="list-style-type: none"> 0.5...6 mm/0.020...0.236 in. (depending on model) 	<ul style="list-style-type: none"> – 	<ul style="list-style-type: none"> – 	
Type references	<ul style="list-style-type: none"> XVLA 	<ul style="list-style-type: none"> XB6, XB6E XB4 XB5 XB5S XB5R, XB4R XB7 XD4PA XD2GA XD5PA 9001SK K10, K1, K2, K30, K50, K63, K115, K150 	<ul style="list-style-type: none"> XB5S 	<ul style="list-style-type: none"> XB5R, XB4R 	<ul style="list-style-type: none"> XB7 XD4PA XD2GA XD5PA 9001SK K10, K1, K2, K30, K50, K63, K115, K150 	<ul style="list-style-type: none"> – 	<ul style="list-style-type: none"> – 	

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

Control and signaling units

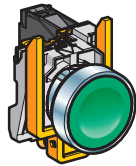
Harmony XB4, metal

Diameter 22 mm pushbuttons, switches, and pilot lights

Complete units, XB4B

Complete units

Contact functions

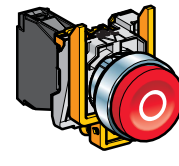


Pushbuttons, spring return, with chromium plated metal bezel

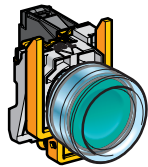
Flush push, unmarked
XB4BA●1/BA42
see [page 31](#)



Flush push, with marking
XB4BA●3●●
see [page 34](#)

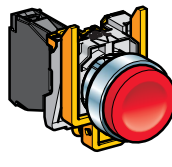


Projecting push, with marking
XB4BL4325
see [page 34](#)

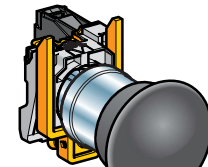


Pushbuttons, spring return, with chromium plated metal bezel

Booted flush push
XB4BP●1/BP42
see [page 33](#)

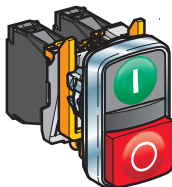


Projecting push, unmarked
XB4BL42
see [page 32](#)



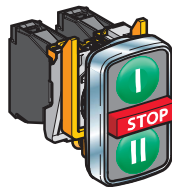
Ø 40 mm/
1.57 in.

Mushroom head
XB4BC21
see [page 42](#)

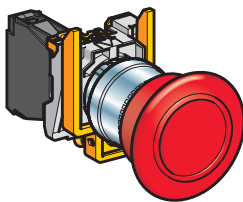


Multiple-headed pushbuttons, spring return, with chromium plated metal bezel

Double-headed
XB4BL73415
see [page 39](#)



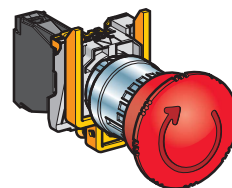
Triple-headed
XB4BA731327/XB4BA711237
see [page 41](#)



Ø 40 mm/
1.57 in.

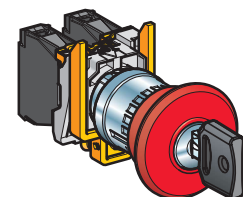
Emergency stop or emergency switching off mushroom head pushbuttons, Ø 40 mm/ 1.57 in., with chromium plated metal bezel

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



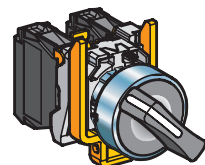
Ø 40 mm/
1.57 in.

Turn to release (EN/ISO 13850)
XB4BS844●
see [page 44](#)



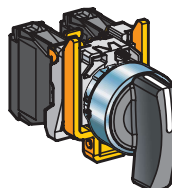
Ø 40 mm/
1.57 in.

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

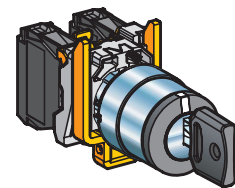


Selector switches and key switches, with chromium plated metal bezel

Standard handle, black
XB4BD●●
see [page 54](#)



Long handle, black
XB4BJ●●
see [page 55](#)



Key switch
XB4BG●●
see [page 56](#)

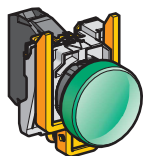
Control and signaling units

Harmony XB4, metal

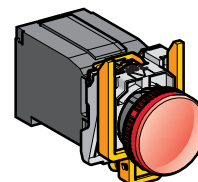
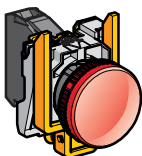
Diameter 22 mm pushbuttons, switches, and pilot lights

Complete units, XB4B

Complete units



UN
Universal
for all color heads



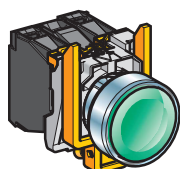
Pilot lights

Universal LED
XB4BVB●/BVG●/BVM●
see [page 60](#)

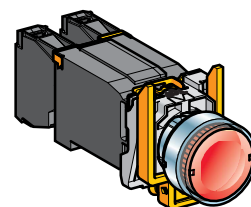
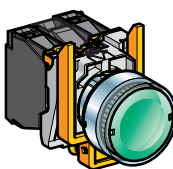
For bulb with BA 9s base fitting
Direct supply
XB4BV6●
see [page 62](#)

Via integral transformer with secondary
XB4BV3●/BV4●
see [page 62](#)

Combined functions (contact and signaling)



UN
Universal
for all color heads

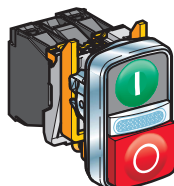


Illuminated pushbuttons, spring return, flush push, chromium plated metal bezel

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](#)

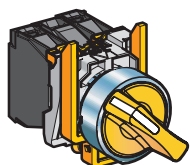
Via integral transformer
XB4BW3●35/BW3●45
see [page 38](#)



UN
Universal
for all color heads

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

Universal LED
XB4BW73731●5
see [page 40](#)



UN
Universal
for all color heads

Illuminated selector switches with standard handle, chromium plated metal bezel

Universal LED
XB4BK12●●5, XB4BK13●●5
see [page 58](#)

Control and signaling units

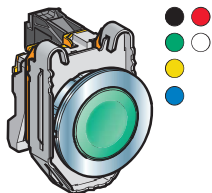
Harmony XB4, metal

Diameter 30 mm pushbuttons, switches, and pilot lights

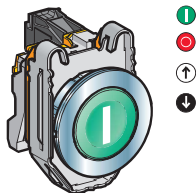
Complete units, XB4F flush mounting

Complete units

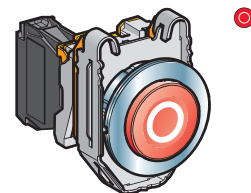
Contact functions for Ø 30 mm mounting



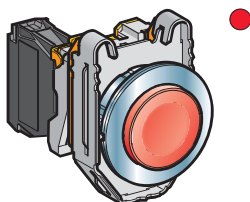
Flush push, unmarked
XB4FA●1/FA42
see [page 79](#)



Flush push, with marking
XB4FA●3●●
see [page 81](#)

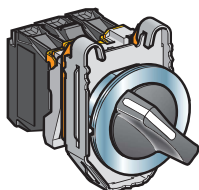


Projecting push, with marking
XB4FL4325
see [page 81](#)



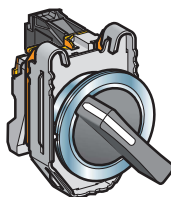
Pushbuttons, spring return,
with chromium plated metal
bezel

Projecting push, unmarked
XB4FL42
see [page 80](#)

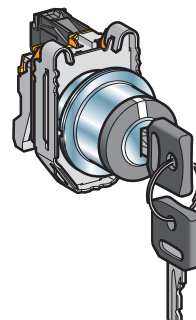


Selector switches and key
switches, with chromium
plated metal bezel

Standard handle, black
XB4FD●●
see [page 87](#)



Long handle, black
XB4FJ●●
see [page 88](#)



Key switch
XB4FG●●
see [page 89](#)

Control and signaling units

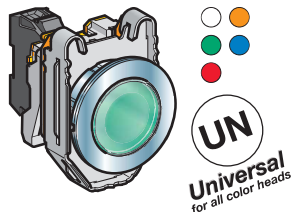
Harmony XB4, metal

Diameter 30 mm pushbuttons, switches, and pilot lights

Complete units, XB4F flush mounting

Complete units

Signaling functions for Ø 30 mm mounting

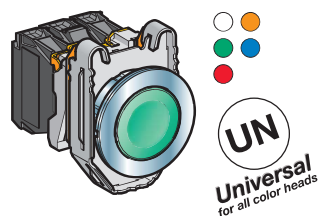


Pilot lights

Universal LED

XB4FVB●/FVG●/FVM●
see [page 93](#)

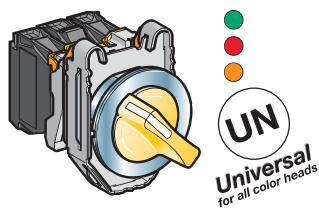
Combined functions (contact and signaling) for Ø 30 mm mounting



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](#)

Control and signaling units

Harmony XB4, metal

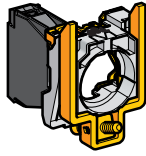
Diameter 22 mm pushbuttons, switches, and pilot lights

Sub-assemblies, ZB4B

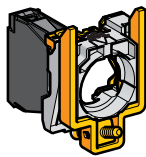
Non illuminated units for user assembly

For pushbuttons, spring return, unmarked

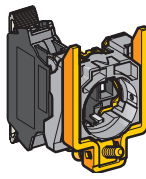
Body sub-assemblies



Screw clamp terminals
ZB4BZ10●/BZ141
see [page 99](#)



Faston
ZB4BZ10●3
see [page 105](#)



Spring clamp terminals
ZBE10●5
ZB4BZ10●5
see [page 102](#)

For pushbuttons, spring return, with marking

For multiple-headed pushbuttons, spring return

For "push-push to release" pushbuttons

Contact functions

Head sub-assemblies, chromium plated or black metal bezel



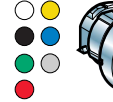
Flush push without cap
ZB4BA0
see [page 31](#)



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](#)



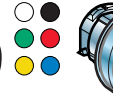
Projecting push
ZB4BL●
see [page 32](#)



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●/BA●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](#)

Control and signaling units

Harmony XB4, metal

Diameter 22 mm pushbuttons, switches, and pilot lights

Sub-assemblies, ZB4B

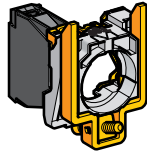
Non illuminated units for user assembly (continued)

Contact functions

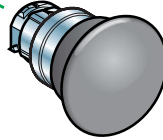
Body sub-assemblies

Head sub-assemblies, chromium plated or black metal bezel

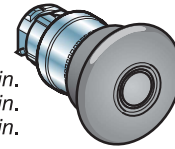
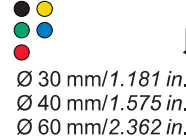
For mushroom head pushbuttons



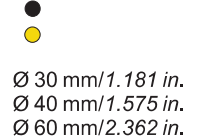
Screw clamp terminals
ZB4BZ10●/BZ141
see [page 99](#)



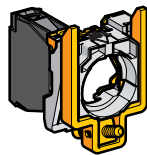
Spring return
ZB4BC●/BR●
see [page 42](#)



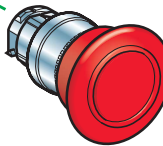
Latching
ZB4B●2/BS●2/BS55
see [page 43](#)



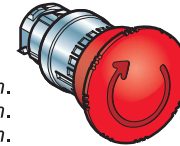
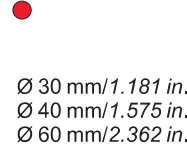
For Emergency Stop or Emergency switching off mushroom head pushbuttons



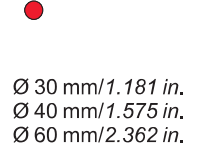
Faston
ZB4BZ10●3
see [page 105](#)



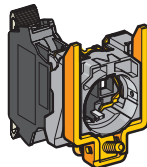
Push-pull (EN/ISO 13850)
ZB4BT84
see [page 45](#)



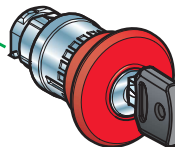
Turn to release (EN/ISO 13850)
ZB4BS8●4
see [page 45](#)



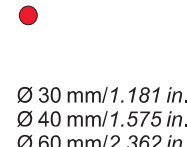
Emergency stop trigger action and mechanical latching



Spring clamp terminals
ZBE10●5
ZB4BZ10●5
see [page 102](#)



Key release (EN/ISO 13850)
ZB4BS9●4
see [page 45](#)



Emergency stop trigger action and mechanical latching

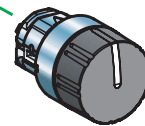
For selector switches and key switches



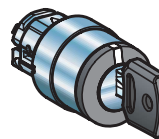
Standard black handle (1)
ZB4BD●
see [page 54](#)



Long black handle (1)
ZB4BJ●
see [page 55](#)

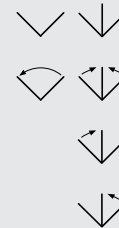


Knurled black knob (1)
ZB4BD●9
see [page 57](#)

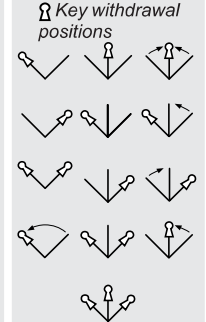


Key switch (2)
ZB4BG●●/
BG●TEC10
see [page 56](#)

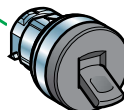
(1) Switch handle and knob positions



(2) Key switch positions



For toggle switches



2-position lever (3)
ZB4BD●8, see [page 57](#)

(3) Lever positions



Control and signaling units

Harmony XB4, metal

Diameter 22 mm pushbuttons, switches, and pilot lights

Sub-assemblies, ZB4B

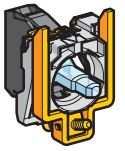
Pilot lights for user assembly

Signaling functions

Body sub-assemblies with Universal LED



Connection: screw clamp terminals
ZB4BVJ1 / BVB1 / BVG1 / BVM1
 see [page 107](#)

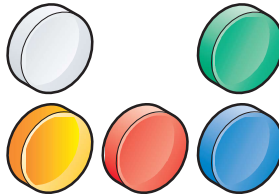
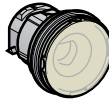


Connection: plug-in connector
ZB4BVB1 / BVG1 / BVM1
 please contact our Customer Care Center

Head sub-assemblies



With lens fitted
ZB4BV0•3
 see [page 61](#)

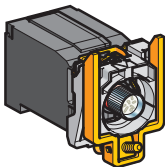


With 5 separate lenses, not fitted
ZB4BV003
 see [page 61](#)

Body sub-assemblies for BA 9s bulb

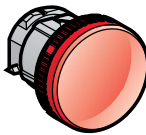


Direct supply
 Connection: screw clamp terminals
ZB4BV1
 see [page 109](#)



Via integral transformer
 Connection: screw clamp terminals
ZB4BV•D•
 see [page 109](#)

Head sub-assemblies



With lens fitted
ZB4BV0•, ZB4BV0•S
 see [page 62](#)

Control and signaling units

Harmony XB4, metal

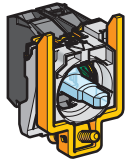
Diameter 22 mm pushbuttons, switches, and pilot lights

Sub-assemblies, ZB4B

Illuminated pushbuttons for user assembly

For illuminated pushbuttons, spring return

Body sub-assemblies with Universal LED



UN
Universal
for all color heads

Screw clamp terminals

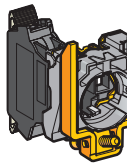
ZB4BW0B / BW0G / BW0M
see [page 106](#)



UN
Universal
for all color heads

Plug-in connector
ZB4BW0B
please contact our
Customer Care Center

For illuminated double-headed pushbuttons, spring return



UN
Universal
for all color heads

Spring clamp terminals
ZBV
see [page 103](#)

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

For illuminated mushroom head pushbuttons

Body sub-assemblies for BA 9s bulb



Direct supply or via integral transformer
Screw clamp terminals

ZB4BW0●●●
see [page 108](#)

For illuminated pushbuttons, spring return

Combined functions (contact and signaling)

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

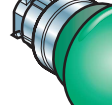
ZB4BA●8
see [page 36](#)



○ ● ● ●
● ● ● ●
● ● ● ●



○ ● ● ●
● ● ● ●
● ● ● ●



○ ● ● ●
● ● ● ●
● ● ● ●

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

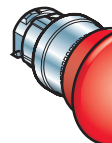
ZB4BK1●3
see [page 59](#)



○ ● ● ●
● ● ● ●
● ● ● ●

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](#)

Control and signaling units

Harmony XB4, metal

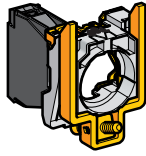
Diameter 30 mm pushbuttons, switches, and pilot lights

Sub-assemblies, ZB4F flush mounting heads

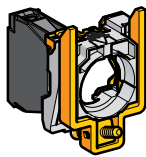
Non illuminated units for user assembly

For pushbuttons, spring return, unmarked

Body sub-assemblies

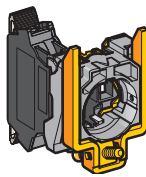


Screw clamp terminals
ZB4BZ10●/BZ141
see [page 99](#)



Faston
ZB4BZ10●3
see [page 105](#)

For pushbuttons, spring return, with marking



Spring clamp terminals
ZBE10●5
ZB4BZ10●5
see [page 102](#)

For "push-push to release" pushbuttons



Screw clamp terminals
ZB4BZ10●/BZ141
see [page 99](#)



Faston
ZB4BZ10●3
see [page 105](#)



Screw clamp terminals
ZB4BZ10●/BZ141
see [page 99](#)

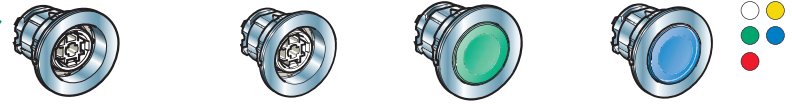


Faston
ZB4BZ10●3
see [page 105](#)

Screw clamp terminals
ZB4BZ10●/BZ141
see [page 99](#)

Faston
ZB4BZ10●3
see [page 105](#)

Head sub-assemblies, chromium plated or black metal bezel

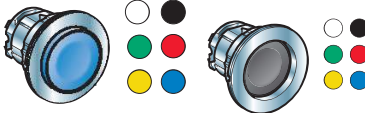


Flush push without cap
ZB4FA0
see [page 79](#)

Flush push with set of 6 caps
ZB4FA9
see [page 79](#)

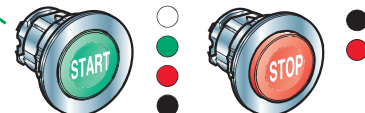
Flush push
ZB4FA●
see [page 79](#)

Flush push for insertion of legend
ZB4FA●8
see [page 79](#)



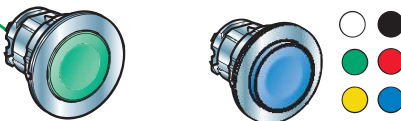
Projecting push
ZB4FL●
see [page 80](#)

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](#)

Control and signaling units

Harmony XB4, metal

Diameter 30 mm pushbuttons, switches, and pilot lights

Sub-assemblies, ZB4F flush mounting heads

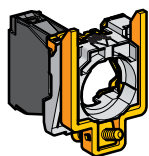
Non illuminated units for user assembly (continued)

Contact functions for Ø 30 mm mounting

For selector switches and key switches

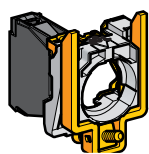
Body sub-assemblies

Head sub-assemblies, chromium plated or black metal bezel



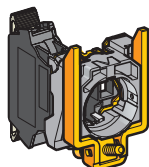
Screw clamp terminals

ZB4BZ10●/BZ141
see [page 99](#)



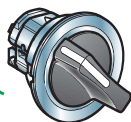
Faston

ZB4BZ10●3
see [page 105](#)



Spring clamp terminals

ZBE10●5
ZB4BZ10●5
see [page 102](#)



Standard black handle (1)

ZB4FD●
see [page 87](#)



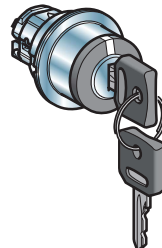
Long black handle (1)

ZB4FJ●
see [page 88](#)



Knurled black knob (1)

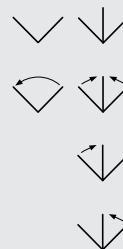
ZB4FD●9
see [page 90](#)



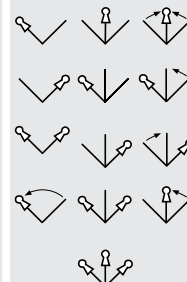
Key switch (2)

ZB4FG●●
see [page 89](#)

(1) Switch handle and knob positions



(2) Key switch positions
Key withdrawal positions



Control and signaling units

Harmony XB4, metal

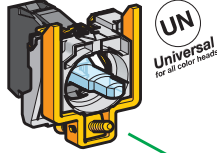
Diameter 30 mm pushbuttons, switches, and pilot lights

Sub-assemblies, ZB4F flush mounting heads

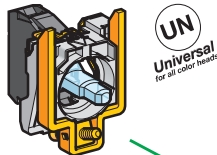
Pilot lights for user assembly

Signaling functions for Ø 30 mm mounting

Body sub-assemblies with Universal LED

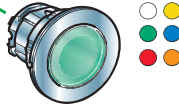


Connection: screw clamp terminals
ZB4BVJ / BVB / BVG / BVM
see [page 107](#)



Connection: plug-in connector
ZB4BVB / BVG / BVM
please contact our Customer Care Center

Head sub-assemblies



With lens fitted
ZB4FV0●3
see [page 93](#)

Control and signaling units

Harmony XB4, metal

Diameter 30 mm pushbuttons, switches, and pilot lights

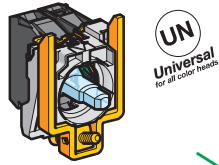
Sub-assemblies, ZB4F flush mounting heads

Illuminated pushbuttons for user assembly

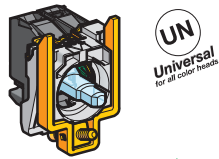
For illuminated pushbuttons, spring return

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

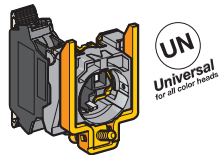
Body sub-assemblies with Universal LED



Screw clamp terminals
ZB4BW0B / BW0G / BW0M
see [page 106](#)

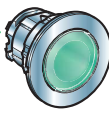


Plug-in connector
ZB4BW0B
please contact our Customer Care Center

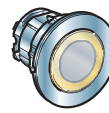


Spring clamp terminals
ZBV
see [page 103](#)

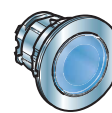
Head sub-assemblies, chromium plated or black metal bezel



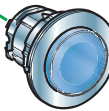
Flush push
ZB4FW3●3
see [page 83](#)



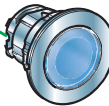
Flush push with illuminated ring
ZB4FW9●3
see [page 83](#)



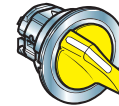
Flush push for insertion of legend
ZB4FA●8
see [page 83](#)



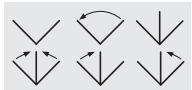
Projecting push
ZB4FW1●3
see [page 84](#)



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

