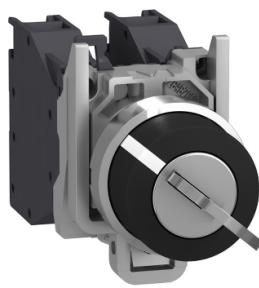


# Product data sheet

Specifications



## Complete selector switch, Harmony XB4, Explosive atmosphere, 455 Key switch 2 positions spring return

XB4BG61GEX

**Product availability: Non-Stock - Not normally stocked in distribution facility**

### Main

Range of Product	Harmony XB4
Product or Component Type	Complete selector switch
Device short name	XB4
Bezel material	Chromium plated metal
Fixing collar material	Zamak
Mounting diameter	0.9 in (22 mm)
Sale per indivisible quantity	1
Dust zone	Zone 21 - 22
Gas zone	Zone 1 - 2
Type of operator	spring return
Operator profile	key switch
Key number	455
Contacts type and composition	1 NO

### Complementary

Width	1.8 in (46.2 mm)
Height	1.2 in (30 mm)
Depth	4.3 in (110 mm)
Product Weight	0.35 lb(US) (0.16 kg)
Device mounting	Fixing hole 0.9 in (22.5 mm) +/- 0.2 mm IEC 60947-1
Fixing center	>= 30 x 40 mm support panel) 0.04...0.2 in (1...6 mm)
Embedding Depth	2.3 in (58 mm)
Marking	II 2 GD Ex db eb IIC Gb Ex tb IIIC Db
Shape of signaling unit head	Round
Operator position information	2 positions 90°
Key withdrawal position	Left-hand
Contact operation	Slow-break
Contacts usage	Standard contacts
Positive opening	Without
Mechanical durability	5000000 cycles

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Connections - terminals</b>	Screw clamp terminals, 2 x 1.5 mm <sup>2</sup> with cable end IEC 60947-1 Screw clamp terminals, 1 x 2.5 mm <sup>2</sup> without cable end IEC 60947-1
<b>Tightening torque</b>	7.08...10.6 lbf.in (0.8...1.2 N.m) IEC 60947-1
<b>[I<sub>th</sub>] conventional free air thermal current</b>	10 A IEC 60947-5-1
<b>[U<sub>i</sub>] rated insulation voltage</b>	415 V
<b>[I<sub>e</sub>] rated operational current</b>	1.9 A 380 V, AC, A600 IEC 60947-5-1 3 A 240 V, AC, A600 IEC 60947-5-1 6 A 120 V, AC, A600 IEC 60947-5-1 0.27 A 250 V, DC, Q300 IEC 60947-5-1 0.55 A 125 V, DC, Q300 IEC 60947-5-1 2.87 A 24 V, DC, Q300 IEC 60947-5-1

## Environment

<b>Protective treatment</b>	TH
<b>Ambient Air Temperature for Storage</b>	-40...158 °F (-40...70 °C)
<b>Ambient Air Temperature for Operation</b>	-4...167 °F (-20...75 °C)
<b>IP degree of protection</b>	IP66 IEC 60529
<b>Standards</b>	IEC 60079-0:2009 EN/IEC 60079-1:2009 IEC 60079-7:2009 IEC 60079-31:2009 UL 60079-0 UL 60079-1 UL 60079-31 ANSI/ISA 12.12.01 CSA C22.2 No 213
<b>Product Certifications</b>	INERIS 04ATEX9004U

## Ordering and shipping details

<b>Category</b>	US10CS222465
<b>Discount Schedule</b>	0CS2
<b>GTIN</b>	3606489485788
<b>Returnability</b>	Yes
<b>Country of origin</b>	FR

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	4.33 in (11.0 cm)
<b>Package 1 Width</b>	1.18 in (3.0 cm)
<b>Package 1 Length</b>	1.81 in (4.6 cm)
<b>Package weight(Lbs)</b>	6.4 oz (182.0 g)
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	20
<b>Package 2 Height</b>	5.91 in (15.0 cm)
<b>Package 2 Width</b>	11.81 in (30.0 cm)
<b>Package 2 Length</b>	15.75 in (40.0 cm)
<b>Package 2 Weight</b>	8.543 lb(US) (3.875 kg)



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle) **1**

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **No**

[EU RoHS Directive](#) **Pro-active compliance (Product out of EU RoHS legal scope)**

SCIP Number **70419cd7-c760-46b8-87e9-92c66dfe6f15**

REACH Regulation [REACH Declaration](#)

California proposition 65 **WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](#)**

## Use Again

### Repack and remanufacture

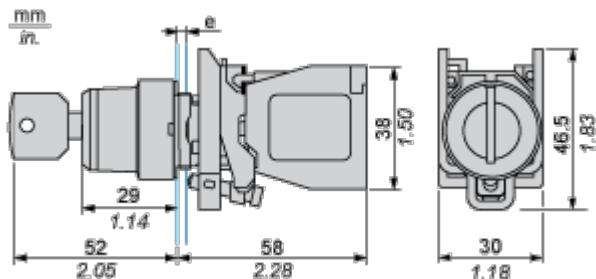
Circularity Profile [End of Life Information](#)

Take-back **No**

WEEE Label **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**

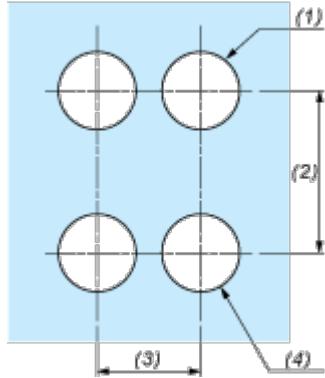
## Dimensions Drawings

## Dimensions



e : support thickness: 1 to 6 mm / 0.04 to 0.24 in.

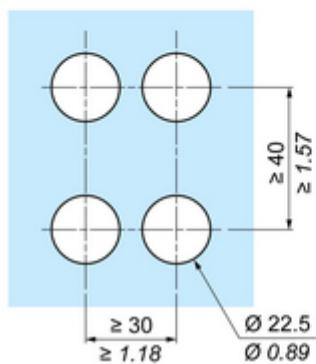
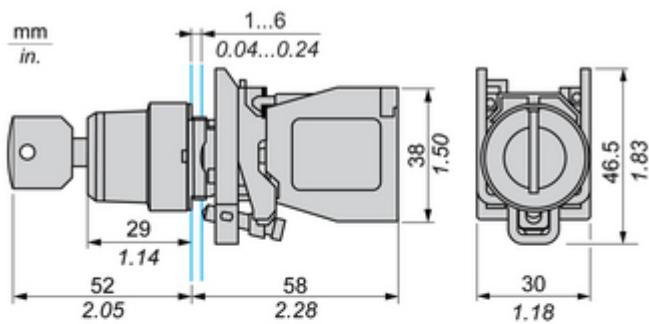
## Mounting and Clearance

**Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)****Connection by Screw Clamp Terminals**

- (1) Diameter on finished panel or support
- (2) 40 mm min. / 1.57 in. min.
- (3) 30 mm min. / 1.18 in. min.
- (4) Ø 22.5 mm / 0.89 in. recommended ( $\text{Ø } 22.3 \text{ mm } 0^{+0.4} / 0.88 \text{ in. } 0^{+0.016}$ )

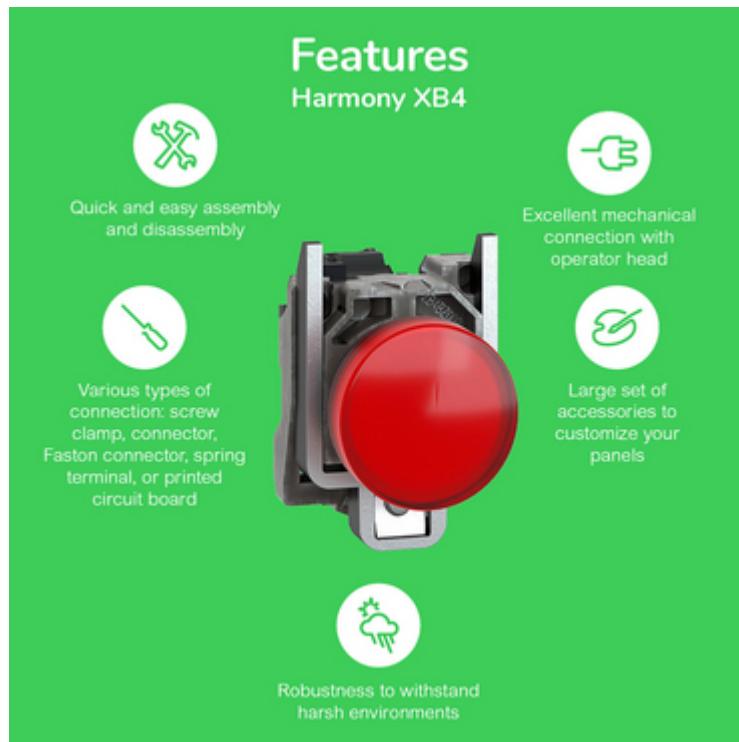
## Technical Illustration

## Dimensions



## Offer Marketing Illustration

## Product benefits / Features



## Offer Marketing Illustration

## Product benefits / Features

## Technical Benefits

## Harmony XB4

Conformity with IEC, UL, CSA, CCC EAC, and JIS standards, as well as CE marking and marine approvals

Up to IP66, 67, 69, 69K, and type 4X protection ratings

High vibration resistance with shake-proof terminal screws

Operating temperature from -40°C to 70°C

Shock protection level up to IK06

Secure switching of inductive or heavy DC loads directly – 100 000 operations at 10A, 24V dc

Image of product in real life situation

