

Product data sheet

Specifications



Selector switch, Harmony XB4 - ATEX D, metal, 22mm, 3 positions, black standard handle, stay put, screw clamp terminals, 2NO

XB4BD33GEX

Product availability: Stock - 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	stay put
Operator profile	Black standard handle
Contacts type and composition	2 NO

Complementary

Width	1.8 in (46.2 mm)
Height	1.2 in (30 mm)
Depth	3.3 in (85 mm)
Product Weight	0.251 lb(US) (0.114 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 tb IIC Db Ex db eb IIC Gb
Shape of signaling unit head	Round
Operator position information	3 positions +/- 45°
Contact operation	Slow-break
Contacts usage	Standard contacts
Positive opening	Without
Mechanical durability	5000000 cycles
Connections - terminals	Screw clamp terminals, 2 x 1.5 mm ² with cable end IEC 60947-1 Screw clamp terminals, 1 x 2.5 mm ² without cable end IEC 60947-1

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

Tightening torque	7.08...10.6 lbf.in (0.8...1.2 N.m) IEC 60947-1
[I_{th}] conventional free air thermal current	10 A IEC 60947-5-1
[U_i] rated insulation voltage	415 V
[I_e] rated operational current	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

Protective treatment	TH
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Operation	-4...167 °F (-20...75 °C)
IP degree of protection	IP65 IEC 60529
Standards	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
Product Certifications	INERIS 04ATEX9004U

Ordering and shipping details

Category	US10CS222465
Discount Schedule	0CS2
GTIN	3606489485726
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.50 in (3.81 cm)
Package 1 Width	5.00 in (12.7 cm)
Package 1 Length	6.00 in (15.24 cm)
Package weight(Lbs)	4.640 oz (131.543 g)



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)**

REACH Regulation [REACH Declaration](#)

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

Use Again

Repack and remanufacture

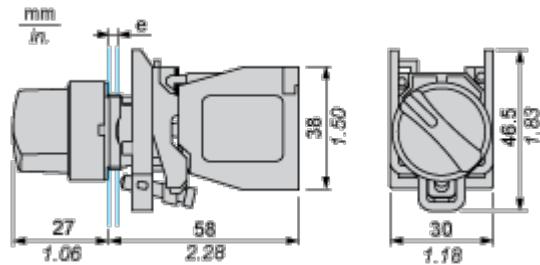
Circularity Profile [End of Life Information](#)

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.**

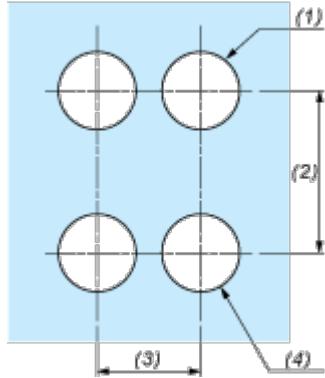
Dimensions Drawings

Dimensions



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

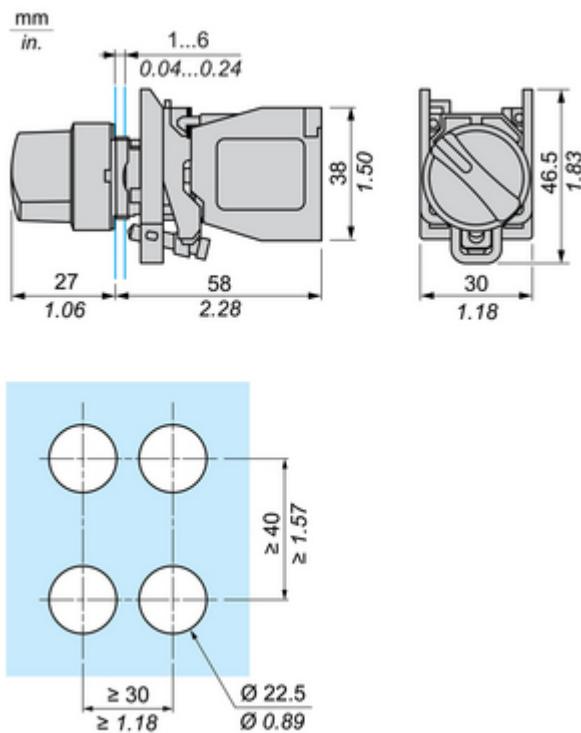
Mounting and Clearance

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

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



Offer Marketing Illustration

Product benefits / Features

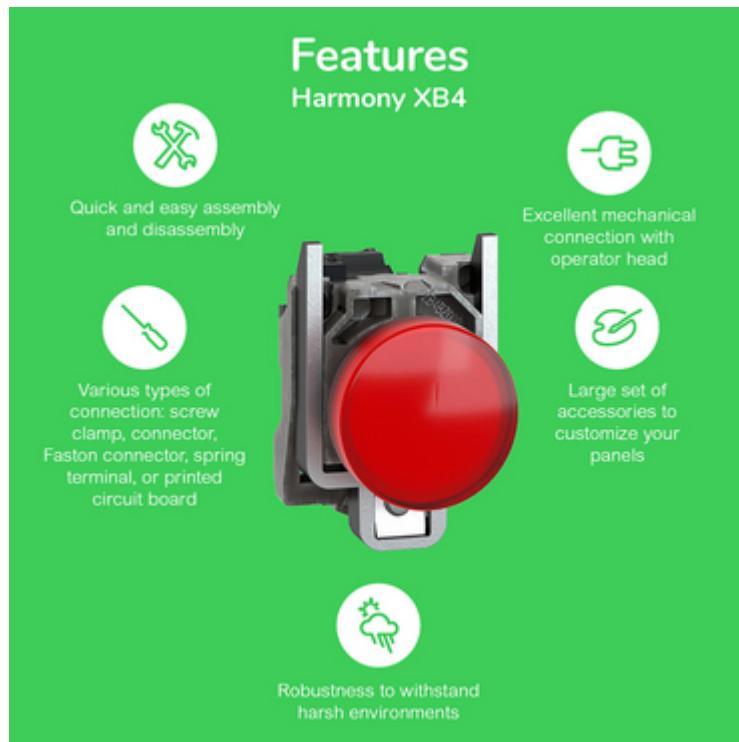


Image of product / Alternate images

Alternative

