

Complete push button, Harmony XB4 - ATEX D, red projecting with boot, metal, 22mm, spring return, 1NC

XB4BP42GEX

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

Main

Range of Product	Harmony XB4	
Product or Component Type	Complete push-button	
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	Red projecting	
Operator additional information	Booted (clear silicon)	
Contacts type and composition	1 NC	

Complementary

Width	1.8 in (46.2 mm)	
Height	1.2 in (30 mm)	
Depth	2.8 in (72 mm)	
Net Weight	0.240 lb(US) (0.109 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) 0.040.2 in (16 mm)	
Embedding Depth	2.3 in (58 mm)	
Marking	Ex db eb IIC Gb II 2 GD Ex tb IIIC Db	
Shape of signaling unit head	Round	
Contact operation	Slow-break	
Positive opening	With	
Operating travel	0.066 in (1.688 mm) engagement point) 0.129 in (3.271 mm) changing state point) 0.174 in (4.424 mm) total travel)	
Operating force	2.873 N	

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

Mechanical durability	5000000 cycles	
Connections - terminals	Screw clamp terminals, 2 x 1.5 mm² with cable end IEC 60947-1 Screw clamp terminals, 1 x 2.5 mm² without cable end IEC 60947-1	
Tightening torque	7.0810.6 lbf.in (0.81.2 N.m) IEC 60947-1	
[Ith] conventional free air thermal current	10 A IEC 60947-5-1	
[Ui] rated insulation voltage	415 V	
[le] 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	тн	
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)	
Ambient Air Temperature for Operation	-4167 °F (-2075 °C)	
IP degree of protection	IP66 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	3606489485887	
Returnability	Yes	
Country of origin	FR	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	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 1 Weight	3.680 oz (104.327 g)



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

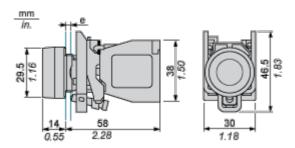
Materials and Substances	
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which 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	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.

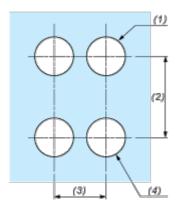
Product data sheet

XB4BP42GEX

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 (Ø 22.3 mm $_0^{+0.4}$ / 0.88 in. $_0^{+0.016}$)

Technical Illustration

Dimensions

