

## Complete emergency stop push button, Harmony XB4, Explosive atmosphere, TURN TO RELEASE

XB4BS8445GEX

#### Main

Range of product	Harmony XB4	
Product or component type	Complete emergency stop push-button	
Device short name	XB4	
Bezel material	Chromium plated metal	
Fixing collar material	Zamak	
Mounting diameter	22 mm	
Sale per indivisible quantity	1	
Dust zone	Zone 21 - 22	
Gas zone	Zone 1 - 2	
Type of operator	trigger action and mechanical latching	
Reset	Turn to release	
Operator profile	Red mushroom Ø 40 mm	
Contacts type and composition	1 NO + 1 NC	

## Complementary

Width	46.2 mm	
Height	30 mm	
Depth	119.5 mm	
Product weight	0.141 kg	
Device mounting	Fixing hole - diameter: 22.5 mm +/- 0.2 mm conforming to IEC 60947-1	
Fixing center	>= 30 x 40 mm (support panel) - thickness: 16 mm	
Embedding depth	58 mm	
Marking	Ex tb IIIC Db Ex db eb IIC Gb II 2 GD	
Shape of signaling unit head	Round	
Contact operation	Slow-break	
Contacts usage	Standard	
Positive opening	With conforming to IEC 60947-5-1 appendix K	
Mechanical durability	5000000 cycles	
Connections - terminals	Screw clamp terminals, 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 2.5 mm² without cable end conforming to IEC 60947-1	
Tightening torque	0.81.2 N.m conforming to IEC 60947-1	

[Ith] conventional free air thermal current	10 A conforming to IEC 60947-5-1 415 V	
[Ui] rated insulation voltage		
[le] rated operational current	1.9 A at 380 V, AC, A600 conforming to IEC 60947-5-1	
	3 A at 240 V, AC, A600 conforming to IEC 60947-5-1	
	6 A at 120 V, AC, A600 conforming to IEC 60947-5-1	
	0.27 A at 250 V, DC, Q300 conforming to IEC 60947-5-1	
	0.55 A at 125 V, DC, Q300 conforming to IEC 60947-5-1	
	2.87 A at 24 V, DC, Q300 conforming to IEC 60947-5-1	

## **Environment**

Protective treatment	тн	
Ambient air temperature for storage	-4070 °C	
Ambient air temperature for operation	-2065 °C	
IP degree of protection	IP65 conforming to 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	

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.0 cm
Package 1 Width	5.0 cm
Package 1 Length	9.5 cm
Package 1 Weight	166.0 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	
Total lifecycle Carbon footprint	2
Environmental Disclosure	Product Environmental Profile

#### **Use Better**

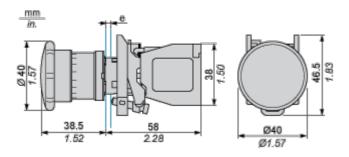
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), 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	
End of life manual availability	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.

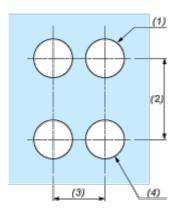
### **Product data sheet**

#### XB4BS8445GEX

#### Mounting and Clearance

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

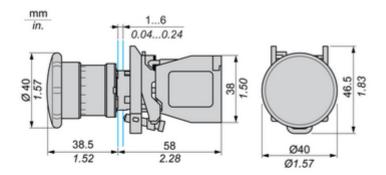
#### **Connection by Screw Clamp Terminals**

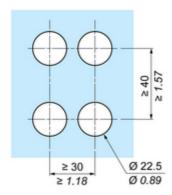


- (1) Diameter on finished panel or support
- (2) 40 mm min. / 1.57 in. min.
- (3) 30 mm min. / 1.18 in. min.
- (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm  $_0^{+0.4}$  / 0.88 in.  $_0^{+0.016}$ )

#### **Technical Illustration**

#### **Dimensions**





# Product data sheet XB4BS8445GEX

Image of product / Alternate images

**Alternative** 







Aug 30, 2025