

Emergency switching off push button, Harmony XB4, metal, red mushroom 40mm, 22mm, trigger latching turn to release, 1NC

XB4BS8442

Product availability: Stock - Normally stocked in distribution facility

#### Main

Range of Product	Harmony XB4			
Product or Component Type	Emergency switching off push-button Emergency stop push-button			
Device short name	XB4			
Bezel material	Chromium plated metal			
Fixing collar material	Zamak			
Mounting diameter	0.9 in (22.5 mm)			
Sale per indivisible quantity	1			
Shape of signaling unit head	Round			
Type of operator	trigger action and mechanical latching			
Head type	Standard			
Reset	Turn to release			
Operator profile	Red mushroom Ø 40 mm, unmarked			
Contact operation	Slow-break			
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm <sup>2</sup> with cable end IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm <sup>2</sup> without cable end IEC 60947-1			

# Complementary

Height	1.9 in (47 mm)			
Width	1.6 in (40 mm)			
Depth	3.2 in (82 mm)			
Terminals description ISO n°1	(21-22)NC			
Net Weight	0.260 lb(US) (0.118 kg)			
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m			
Contacts type and composition	1 NC			
Contacts usage	Standard contacts			
Positive opening	With IEC 60947-5-1 appendix K			
Operating travel	0.06 in (1.5 mm) NC changing electrical state) 0.2 in (4.3 mm) total travel)			
Mechanical durability	300000 cycles			
Tightening torque	7.0810.6 lbf.in (0.81.2 N.m) 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.

Shape of screw head	Cross Philips no 1		
	Cross pozidriv No 1		
	Slotted flat Ø 4 mm		
	Slotted flat Ø 5.5 mm		
Contacts material	Silver alloy (Ag/Ni)		
Short-circuit protection	10 A cartridge fuse gG IEC 60947-5-1		
[Ith] conventional free air thermal current	10 A IEC 60947-5-1		
[Ui] rated insulation voltage	600 V 3)IEC 60947-1		
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-1		
[le] rated operational current	3 A 240 V, AC-15, A600 IEC 60947-5-1		
	6 A 120 V, AC-15, A600 IEC 60947-5-1		
	0.1 A 600 V, DC-13, Q600 IEC 60947-5-1		
	0.27 A 250 V, DC-13, Q600 IEC 60947-5-1		
	0.55 A 125 V, DC-13, Q600 IEC 60947-5-1		
	1.2 A 600 V, AC-15, A600 IEC 60947-5-1		
Electrical durability	1000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C		
•	1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C		
	1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C		
	1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C		
	1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C		
Electrical reliability	Λ < 10exp(-6) 5 V 1 mA in clean environment IEC 60947-5-4		
	Λ < 10exp(-8) 17 V 5 mA in clean environment IEC 60947-5-4		
Device presentation	Complete product		
Environment			
Protective treatment	TH		
	111		
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)		
Ambient Air Temperature for Operation	-40158 °F (-4070 °C)		

Protective treatment	тн			
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)			
Ambient Air Temperature for Operation	-40158 °F (-4070 °C)			
Electrical shock protection class	Class I conforming to IEC 60536	C 60536		
IP degree of protection	IP66 IEC 60529 IP67 IP69 IP69K			
NEMA degree of protection	NEMA 13 NEMA 4X			
IK degree of protection	IK06 conforming to IEC 50102			
Standards	IEC 60947-5-1 UL 508 CSA C22.2 No 14 ISO 13850 IEC 60947-5-5 JIS C8201-5-1 IEC 60947-1 IEC 60947-1 IEC 60947-5-4 IEC 60204-1 IEC 60364-5-53 JIS C8201-1			
Product Certifications	CSA LROS (Lloyds register of shipping) BV UL Listed DNV			
Vibration resistance	5 gn (f= 2500 Hz) conforming to IEC 60068-2-6			
Shock resistance 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27				

# Ordering and shipping details

Category	US10CS222468
Discount Schedule	0CS2
GTIN	3606480625053
Returnability	Yes
Country of origin	FR

# **Packing Units**

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	1.77 in (4.500 cm)	
Package 1 Width	2.13 in (5.400 cm)	
Package 1 Length	3.46 in (8.800 cm)	
Package 1 Weight	4.374 oz (124.000 g)	
Unit Type of Package 2	S03	
Number of Units in Package 2	80	
Package 2 Height	11.81 in (30.000 cm)	
Package 2 Width	11.81 in (30.000 cm)	
Package 2 Length	15.75 in (40.000 cm)	
Package 2 Weight	22.950 lb(US) (10.410 kg)	
Unit Type of Package 3	P06	
Number of Units in Package 3	640	
Package 3 Height	29.53 in (75.000 cm)	
Package 3 Width	23.62 in (60.000 cm)	
Package 3 Length	31.50 in (80.000 cm)	
Package 3 Weight	206.273 lb(US) (93.564 kg)	



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**

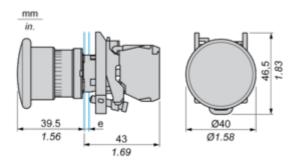
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: 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**



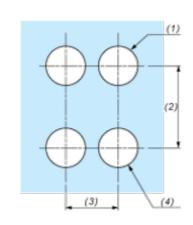
e: clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

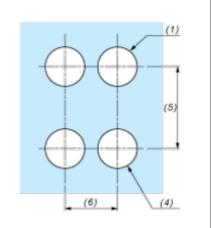
#### Mounting and Clearance

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

Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board

**Connection by Faston Connectors** 

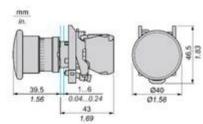


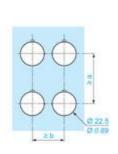


- (1) Diameter on finished panel or support
- (2) 40 mm min. / 1.57 in. min.
- (3) 30 mm min. / 1.18 in. min.
- (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm  $_0^{+0.4}$  / 0.88 in.  $_0^{+0.016}$ )
- (5) 45 mm min. / 1.78 in. min.
- (6) 32 mm min. / 1.26 in. min.

## **Technical Illustration**

### **Dimensions**



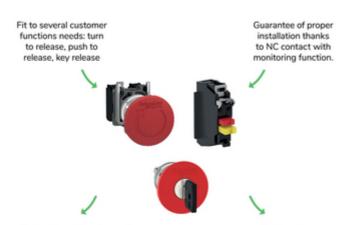


		a (mm)	a (m)	b (mm)	p (m.)
ZBE••••• :	ZBV	40	1.57	30	1,18
Z8E3	<b>-</b> €	45	1.77	32	1.26
Z8E 2	2BV••••4	40	1.57	30	1.18
Z8E5	ZBVs	50	1.97	30	1.18
Z8E9 2	28V••••9	40	1.57	30	1.18
ZBRT•	ZBRV1	40	1.57	30	1,18

### Offer Marketing Illustration

#### **Product benefits / Features**

# **Technical Benefits** Harmony XB4 e-stop function



Fit for all machine sizes and environments:

- Small machines > 30 mm
- Standard machines > 40 mm
   Use of gloves > 60 mm

Designed as per international standards for high performance.

Offer Marketing Illustration

#### Product benefits / Features

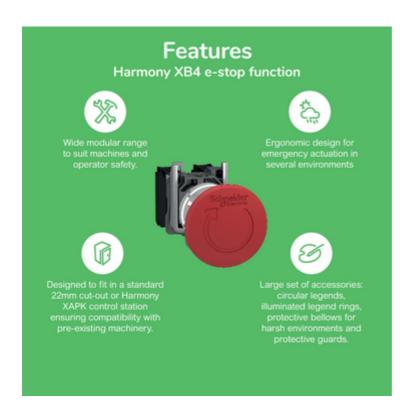


Image of product / Alternate images

### **Alternative**







