

XB4BS84462

Emergency stop switching off, Harmony XB4, metal, red mushroom 40mm, 22mm, trigger/latching turn to release, 2NC with monitoring



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	0.87 in (22 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 ² with cable end EN/IEC 60947-1 Screw clamp terminals, ≥ 1 x 0.34 mm ² without cable end EN/IEC 60947-1

Complementary

Height	1.85 in (47 mm)
Width	1.57 in (40 mm)
Depth	3.35 in (85 mm)
Product Weight	0.28 lb(US) (0.126 kg)
Device mounting	Fixing hole 0.89 in (22.5 mm) +/- 0.2 mm
Fixing mode	By fixing collar 8.85 lbf.in (1 N.m) +/- 0.2 N.m)
Contacts usage	Monitoring contact Standard contacts
Positive opening	With EN/IEC 60947-5-1 appendix K
Operating travel	0.06 in (1.5 mm) NC changing electrical state) 0.17 in (4.3 mm) total travel)
Operating force	47 N
Mechanical durability	300000 cycles
Tightening torque	7.08...10.62 lbf.in (0.8...1.2 N.m) EN/IEC 60947-1
Shape of screw head	Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
Contacts material	Silver alloy (AgNi) Silver alloy (AgSnO ₂)
Short-circuit protection	6 A cartridge fuse gG EN/IEC 60947-5-1
[I _{th}] conventional free air thermal current	6 A EN/IEC 60947-5-1
[U _i] rated insulation voltage	300 V 3)EN/IEC 60947-1
[U _{imp}] rated impulse withstand voltage	4 kV EN/IEC 60947-1 4 kV 86/188/EEC
[I _e] rated operational current	1.5 A 240 V, AC-15, B300 EN/IEC 60947-5-1 3 A 120 V, AC-15, B300 EN/IEC 60947-5-1 0.11 A 250 V, DC-13, R300 EN/IEC 60947-5-1 0.22 A 125 V, DC-13, R300 EN/IEC 60947-5-1

Electrical durability	300000 Cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 300000 Cycles, AC-15, 3 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 300000 Cycles, AC-15, 3 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 300000 Cycles, DC-13, 0.3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 300000 cycles, DC-13, 1 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
Electrical reliability	$\Lambda < 10\exp(-6)$ 5 V 1 mA in clean environment EN/IEC 60947-5-4 $\Lambda < 10\exp(-8)$ 17 V 3.4 mA in clean environment EN/IEC 60947-5-4
Device presentation	Complete product

Environment

Protective treatment	TH
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Operation	-40...158 °F (-40...70 °C)
Electrical shock protection class	Class I IEC 60536
IP degree of protection	IP66 IEC 60529 IP67 IEC 60529 IP69 IEC 60529 IP69K ISO 20653 Type 13 UL 50E Type 12 UL 50E Type 4 UL 50E Type 4X UL 50E
IK degree of protection	IK06 IEC 60068-2-75
Standards	EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-5 EN/IEC 60204-1 IEC 60947-5-4 IEC 60364-5-53 EN/ISO 13850 UL 60947-5-1 CSA C22.2 No 60947-5-1 JIS C8201-1 JIS C8201-5-1 GB/T 14048.5 BS EN 60947-5-1 GOST IEC 60947-5-1
Product Certifications	CSA BV UL Listed LROS (Lloyds register of shipping) DNV CE CCC CB Scheme UKCA EAC
Vibration resistance	5 gn 10...500 Hz)IEC 60068-2-6 25 mm peak to peak 2...10 Hz)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 25 gn 6 ms) 1000 shocks on each axis IEC 60068-2-27

Ordering and shipping details

Category	22469-PUSHBUTTON,22MM ACCESSORIES-NEW
Discount Schedule	CS2
GTIN	3606481068743
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.35 in (8.5 cm)
Package 1 Width	1.57 in (4.0 cm)
Package 1 Length	1.85 in (4.7 cm)
Package 1 Weight	4.97 oz (141.0 g)

Unit Type of Package 2	S03
Number of Units in Package 2	80
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	25.84 lb(US) (11.721 kg)

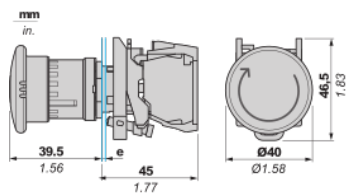
Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months
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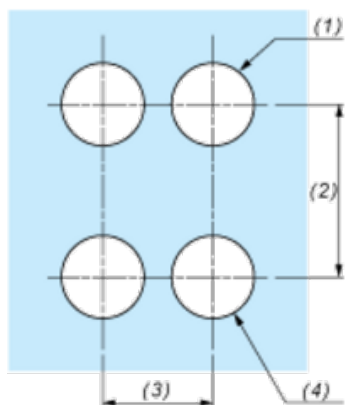
Dimensions



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

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) 50 mm min. / 1.97 in. min.
- (3) 40 mm min. / 1.57 in. min.
- (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $^{+0.4}_0$ / 0.88 in. $^{+0.016}_0$)