Product data sheet
Characteristics

XB5AS542
Complete emergency switching off push button, Harmony XB5, red Ø 40 pushbutton Ø22 mm latching turn release 1NC



Commercial status
End of Commercialisation : JAN 21, 2021

⚠ End of Commercialisation

Main

Range of product	Harmony XB5
Product or component type	Complete emergency switching off push-button
Device short name	XB5
Bezel material	Plastic
Fixing collar material	Plastic
Head type	Standard
Mounting diameter	22 Mm
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	Mechanical latching
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 mm² with cable end conforming to EN 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end conforming to EN 60947-1

Complementary

Height	43 Mm
Width	40 Mm
Depth	100 Mm
Terminals description ISO n°1	(11-12)NC
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
Contacts usage	Standard contacts
Positive opening	With conforming to EN/IEC 60947-5-1 appendix K
Operating travel	1.5 Mm (NC changing electrical state) 4.3 Mm (total travel)
Mechanical durability	300000 Cycles
Tightening torque	0.8…1.2 N.M conforming to EN 60947-1
Shape of screw head	Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	10 A cartridge fuse type gG conforming to EN/IEC 60947-5-1
[Ith] conventional free air thermal current	10 A conforming to EN/IEC 60947-5-1
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to EN 60947-1

[Uimp] rated impulse withstand voltage	6 KV conforming to EN 60947-1
[Ie] rated operational current	3 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1 6 A at 120 V, AC-15, A600 conforming to EN/IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.55 A at 125 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1
Electrical durability	1000000 Cycles, AC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to E 1000000 Cycles, AC-15, 3 A at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to E 1000000 Cycles, AC-15, 4 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EI 1000000 Cycles, DC-13, 0.2 A at 110 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to 1000000 Cycles, DC-13, 0.5 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to
Electrical reliability	Λ < 10exp(-6) at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-4 Λ < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-4

Environment

Protective treatment	TH
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-40…70 °C
Overvoltage category	Class II conforming to IEC 60536
IP degree of protection	IP66 conforming to IEC 60529 IP67 IP69 IP69K
IK degree of protection	IK03 conforming to IEC 50102
Product certifications	LROS (Lloyds register of shipping)[RETURN]GL[RETURN]UL listed[RETURN]DNV[RETURN]CSA
Vibration resistance	5 gn (f= 2…500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27

Offer Sustainability

REACh free of SVHC	Yes
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
EU RoHS Directive	Compliant
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commercialisation

XB5AS542 is replaced by the following product range:



633

Ø 22 mm modular plastic pushbuttons, switches, and pilot lights

Substitution date: |