

Product Datasheet

Characteristic

XB5AS86449B4

red Ø40 illuminated emergency stop
turn to release 2NC 1NO monitoring
contacts



Main

range of product	Harmony XB5
product or component type	Illuminated emergency stop push-button
device short name	XB5
bezel material	Plastic
fixing collar material	Plastic
head type	Standard
mounting diameter	0.87 in (22 mm)
sale per indivisible quantity	1
local signalling	1 red LED 24 V DC 7.5 mA
light source	LED
[Us] rated supply voltage	21.6...26.4 V
light source colour	Red
service life in hours	77 °F (25 °C)
shape of signaling unit head	Round
type of operator	Trigger action and mechanical latching with mechanical state indicator
reset	Turn to release
operator profile	Red mushroom Ø 40 mm unmarked
contacts type and composition	2 NC + 1 NO
contact operation	Slow-break
connections - terminals	Screw clamp terminals : <= 1.25 mm ² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals : <= 1.25 mm ² without cable end conforming to EN/IEC 60947-1

Complementary

[Us] rated supply voltage	24 V DC 50 Hz
supply voltage limits	21.6...26.4 V DC
height	1.65 in (42 mm)
width	1.65 in (42 mm)
depth	3.13 in (79.5 mm)
terminals description ISO n°1	(13-14)NO (11-12)NC

	(21-22)NC
product weight	0.21 lb(US) (0.094 kg)
contacts usage	Monitoring contact
positive opening	With positive opening conforming to EN/IEC 60947-5-1 appendix K
mechanical durability	100000 cycles
tightening torque	0.8...1.5 N.m conforming to EN/IEC 60947-1
shape of screw head	Cross head compatible with JIS No 2 screwdriver Cross head compatible with Philips No 2 screwdriver Slotted head compatible with flat Ø 5.5 mm screwdriver
contacts material	Silver alloy - gold plated (Ag/Cu)
short-circuit protection	10 A
[Ith] conventional free air thermal current	5 A
[Ui] rated insulation voltage	250 V
[Uimp] rated impulse withstand voltage	2.5 kV conforming to EN/IEC 60947-1
[Ie] rated operational current	3 A at 120 V, AC-15, B300 conforming to EN/IEC 60947-5-1 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1
electrical durability	100000 cycles 1800 cyc/h 100000 cycles 1800 cyc/h 100000 cycles 1800 cyc/h 100000 cycles 1800 cyc/h

Environment

ambient air temperature for storage	-40...176 °F (-40...80 °C)
ambient air temperature for operation	-4...122 °F (-20...50 °C)
overvoltage category	Class II conforming to IEC 61140
IP degree of protection	IP2x (back face) IP65 (front face) conforming to IEC 60529
standards	EN/IEC 60947-5-5 JIS C 4520 EN/IEC 60947-1 EN/IEC 60204-1 UL 508 EN/IEC 60947-5-1 CSA C22.2 No 14 EN/ISO 13850
product certifications	CSA UL listed
vibration resistance	50 m/s ² 10...500 Hz IEC 60068-2-6
shock resistance	11 ms

Offer Sustainability

REACH	Reference not containing SVHC above the threshold
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