

# Product Datasheet

## Characteristic

# XB5AS84449

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



## Main

range of product	Harmony XB5
product or component type	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
shape of signaling unit head	Round
type of operator	Trigger action and mechanical latching with mechanical state indicator
reset	Push-pull 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: $\leq 1.25 \text{ mm}^2$ with cable end conforming to EN/IEC 60947-1 Screw clamp terminals: $\leq 1.25 \text{ mm}^2$ without cable end conforming to EN/IEC 60947-1

## Complementary

height	1.65 in (42 mm)
width	1.65 in (42 mm)
depth	3.13 in (79.5 mm)
terminals description ISO n°1	(11-12)NC (13-14)NO (21-22)NC
product weight	0.2 lb(US) (0.0905 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 cartridge fuse type gG conforming to EN/IEC 60947-5
[I <sub>th</sub> ] conventional free air thermal current	5 A conforming to EN/IEC 60947-5-1
[U <sub>i</sub> ] rated insulation voltage	250 V (degree of pollution: 2) conforming to IEC 61140
[U <sub>imp</sub> ] rated impulse withstand voltage	2.5 kV conforming to EN/IEC 60947-1
[I <sub>e</sub> ] 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, AC-15, 1.5 A at 240 V, operating rate: ≤ 1800 cyc/h, load factor: 0.4 conforming to EN/IEC 60947-5-1 appendix C 100000 cycles, AC-15, 3 A at 120 V, operating rate: ≤ 1800 cyc/h, load factor: 0.4 conforming to EN/IEC 60947-5-1 appendix C 100000 cycles, DC-13, 0.1 A at 250 V, operating rate: ≤ 1800 cyc/h, load factor: 0.4 conforming to EN/IEC 60947-5-1 appendix C 100000 cycles, DC-13, 0.22 A at 125 V, operating rate: ≤ 1800 cyc/h, load factor: 0.4 conforming to EN/IEC 60947-5-1 appendix C

## Environment

ambient air temperature for storage	-40...176 °F (-40...80 °C)
ambient air temperature for operation	-4...140 °F (-20...60 °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 60204-1 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-5 EN/ISO 13850 JIS C 4520 UL 508 CSA C22.2 No 14
product certifications	CSA UL listed
vibration resistance	50 m/s <sup>2</sup> 10...500 Hz IEC 60068-2-6
shock resistance	150 m/s <sup>2</sup> (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27

## Offer Sustainability

REACH	Reference not containing SVHC above the threshold
-------	---------------------------------------------------