



Main

Range of product	Harmony 9001K
Product or component type	Mushroom head pushbutton
Component name	9001K
Bezel material	Chromium plated metal
Mounting diameter	30 mm
Type of operator	Spring return
Shape of signaling unit head	Round
Diameter	57 mm
Contacts type and composition	1 C/O
Cap/Operator or lens colour	Red
Connections - terminals	Screw clamp terminals , 1 x 0.22...2 x 1.5 mm ² conforming to IEC 60947-1

Complementary

Tightening torque	0.8 N.m cross slotted screw head conforming to IEC 60947-1
Mechanical durability	5000000 cycles
Operating position	Any position
[Ie] rated operational current	0.55 A at 125 V DC-13 , A600-Q600 3 A at 240 V AC-15 , A600-Q600
[Ui] rated insulation voltage	250 V pollution degree 3 conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	2.5 kV conforming to IEC 60947-1
Contacts material	Silver alloy contacts
Positive opening	Without
Short circuit protection	10 A cartridge fuse protection conforming to IEC 60947-5-1
[Ith] conventional free air thermal current	10 A
[Icm] rated short-circuit making capacity	≤ 0.1 kA at 600 V DC-13 ≤ 0.27 kA at 250 V DC-13 ≤ 0.55 kA at 125 V DC-13 ≤ 12 kA at 600 V AC-15 , 7200 VA ≤ 15 kA at 480 V AC-15 , 7200 VA ≤ 30 kA at 240 V AC-15 , 7200 VA ≤ 60 kA at 120 V AC-15 , 7200 VA
Rated breaking capacity	≤ 0.1 kA at 600 V DC-13 ≤ 0.27 kA at 250 V DC-13 ≤ 0.55 kA at 125 V DC-13 ≤ 1.2 kA at 600 V AC-15 , 720 VA ≤ 1.5 kA at 480 V AC-15 , 720 VA ≤ 3 kA at 240 V AC-15 , 720 VA ≤ 6 kA at 120 V AC-15 , 720 VA
Product weight	0.132 kg

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Environment

Standards	CSA C22-2 No 14 EN/IEC 60947-5-1 IEC 60947-1 IEC 60947-5-4 JIS C 4520 JIS C 852 UL 508
Protective treatment	TC
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C
Vibration resistance	7 gn (f = 2...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn conforming to IEC 60068-2-27
Class of protection against electric shock	Class II conforming to IEC 60536
IP degree of protection	IP66 conforming to IEC 60529 IP66 conforming to NF C 20-010
NEMA degree of protection	NEMA 1 NEMA 12 NEMA 13 NEMA 2 NEMA 3 NEMA 3R NEMA 4 NEMA 6
RoHS EUR status	Will be compliant
RoHS EUR conformity date	2Q2009