



## 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	Push-pull
Shape of signaling unit head	Round
Diameter	35 mm
Contacts type and composition	1 NC slow-break
Cap/Operator or lens colour	Red
Connections - terminals	Screw clamp terminals , 1 x 0.22...2 x 1.5 mm <sup>2</sup> 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	With conforming to IEC 60947-5-2
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	0.141 kg

## 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