



## Main

Range of product	Harmony 9001K
Product or component type	Complete illuminated mushroom head pushbutton
Device short name	9001K
Bezel material	Chromium plated metal
Mounting diameter	30 mm
Shape of signaling unit head	Round
Type of operator	Spring return
Operator profile	Mushroom Ø 35 mm red
Contacts type and composition	1 C/O

## Complementary

Product weight	0,126 kg
Operating position	Any position
Positive opening	Without
Mechanical durability	5000000 cycles
Connections - terminals	Screw clamp terminals 1 x 0.22...2 x 1.5 mm <sup>2</sup> IEC 60947-1
Tightening torque	0,8 N.m IEC 60947-1
Shape of screw head	Cross slotted
Contacts material	Silver alloy contacts
Short circuit protection	10 A cartridge fuse IEC 60947-5-1
[I <sub>th</sub> ] conventional free air thermal current	10 A
[U <sub>i</sub> ] rated insulation voltage	250 V 3 IEC 60947-1
[U <sub>imp</sub> ] rated impulse withstand voltage	2,5 kV IEC 60947-1
[I <sub>e</sub> ] rated operational current	0,55 A 125 V DC-13 A600-Q600 3 A 240 V AC-15 A600-Q600
[I <sub>cm</sub> ] rated short-circuit making capacity	≤ 0,1 kA 600 V DC-13 ≤ 0,27 kA 250 V DC-13 ≤ 0,55 kA 125 V DC-13 ≤ 12 kA 600 V AC-15 7200 VA ≤ 15 kA 480 V AC-15 7200 VA ≤ 30 kA 240 V AC-15 7200 VA ≤ 60 kA 120 V AC-15 7200 VA
Rated breaking capacity	≤ 0,1 kA 600 V DC-13 ≤ 0,27 kA 250 V DC-13 ≤ 0,55 kA 125 V DC-13 ≤ 1,2 kA 600 V AC-15 720 VA ≤ 1,5 kA 480 V AC-15 720 VA ≤ 3 kA 240 V AC-15 720 VA ≤ 6 kA 120 V AC-15 720 VA

## Environment

Protective treatment	TC
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C
Class of protection against electric shock	Class II IEC 60536
IP degree of protection	IP66 IEC 60529 IP66 NF C 20-010

NEMA degree of protection	NEMA 1 NEMA 12 NEMA 13 NEMA 2 NEMA 3 NEMA 3R NEMA 4 NEMA 6
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
Vibration resistance	7 gn 2...500 Hz IEC 60068-2-6
Shock resistance	50 gn IEC 60068-2-27
RoHS EUR conformity date	2Q2009
RoHS EUR status	Will be compliant