



Main

Range of product	Harmony 9001K
Product or component type	Complete illuminated pushbutton
Device short name	9001K
Type of operator	Spring return
Operator profile	Red flush unmarked
Operator additional information	Full guard in plastic

Complementary

Bezel material	Chromium plated metal
Mounting diameter	30 mm
Shape of signaling unit head	Octagonal
Light source	High luminosity LED
Bulb base	BA 9s
Light block supply	Direct
[Us] rated supply voltage	120 V AC/DC
Connections - terminals	Screw clamp terminals (1 x 0.22...2 x 1.5 mm ²) conforming to IEC 60947-1
Tightening torque	0.8 N.m conforming to IEC 60947-1
Shape of screw head	Cross slotted
Mechanical durability	5000000 cycles
Operating position	Any position
[Ie] rated operational current	0.55 A at 125 V (DC-13) A600-Q600
[Ui] rated insulation voltage	250 V (degree of pollution: 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	2.5 kV conforming to IEC 60947-1
Contacts material	Silver alloy contacts
Contacts operation	Standard
Positive opening	Without
Short circuit protection	10 A cartridge fuse 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	0.166 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	Compliant
RoHS EUR conformity date	0921