



Main

Range of product	Harmony 9001K
Product or component type	Illuminated push-button
Device short name	9001K
Type of operator	Spring return
Operator profile	Red projecting, unmarked
Operator additional information	Without guard

Complementary

Bezel material	Chromium plated metal
Mounting diameter	30 mm
Shape of signaling unit head	Octagonal
Light source	LED
Light source	High luminosity LED
Bulb base	BA 9s
Light block supply	Direct
[Us] rated supply voltage	48 V AC/DC
Contacts type and composition	1 C/O
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
[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
Contact 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	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	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 0.1 KA at 600 V DC-13 0.27 KA at 250 V DC-13 0.55 KA at 125 V DC-13
CAD overall width	54 mm
CAD overall height	42 mm
CAD overall depth	103 mm
Net weight	0.166 kg
Device presentation	Complete product

Environment

Standards	JIS C 852 JIS C 4520 EN/IEC 60947-5-4 UL 508 CSA C22.2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-1
Product certifications	UL 508[RETURN]NEMA
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
Overvoltage category	Class II conforming to IEC 61140
IP degree of protection	IP66 conforming to IEC 60529
NEMA degree of protection	NEMA 1 NEMA 12 NEMA 13 NEMA 2 NEMA 3 NEMA 3R NEMA 4

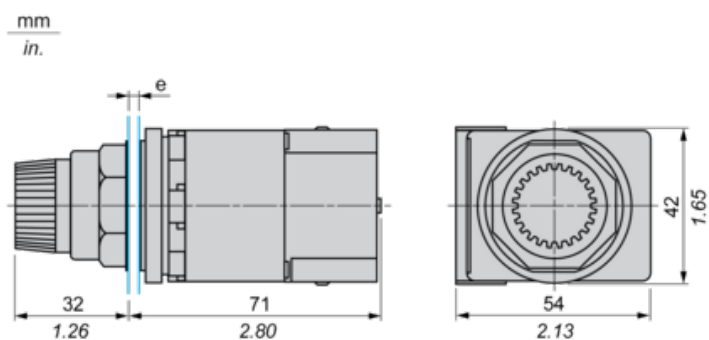
Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.826 cm
Package 1 Width	5.842 cm
Package 1 Length	11.43 cm
Package 1 Weight	226.796 g

Contractual warranty

Warranty	18 months
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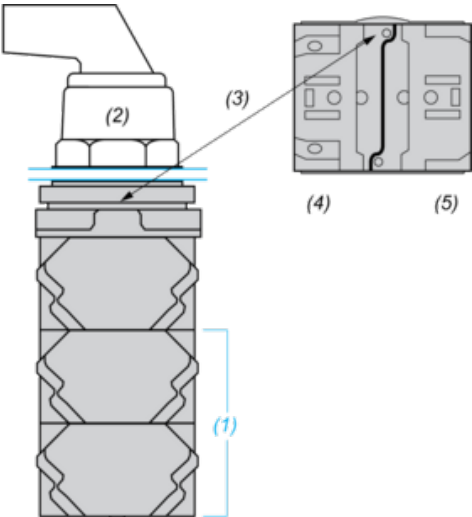
Dimensions



e panel thickness: 1 to 6 mm/ 0.04 to 0.24 in.

Contact Block Mounting Position

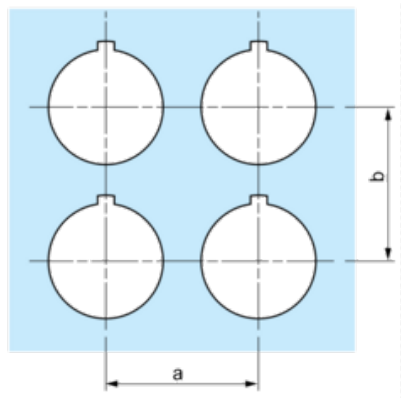
Top and Rear views



- (1) It is possible to mount up to 3 levels of contacts blocks (maximum of 6 contacts blocks)
- (2) Operator
- (3) Locating notch
- (4) Side 1
- (5) Side 2

Panel Cut-Out

Clearance



Legend plate	a min.		b min.	
	mm	in.	mm	in.
9001KN2••	57.2	2.25	44.5	1.75
9001KN3••	57.2	2.25	50.8	2.00

Individual Cut-outs Details

2 alternatives

mm
in.

