

Product data sheet

Characteristics

9001KR8RH25

Push-button, Harmony 9001K, metal, mushroom 41mm, red, 30mm, 3 positions, return to center, 1 NC late + 1 NC



Main

Range of Product	Harmony 9001K
Product or Component Type	Push-button
Device short name	9001K
Type of operator	Pull : spring return, center : stay put, push : spring return
Operator profile	Red mushroom Ø 41 mm, unmarked

Complementary

Bezel material	Metal
Mounting diameter	1.2 in (30 mm)
Net Weight	0.430 lb(US) (0.195 kg)
Operating position	Any position
Shape of signaling unit head	Round
Head material	Plastic
Operator additional information	Screw-on plastic
Operator position information	3 positions
Contacts type and composition	1 NC late break + 1 NC
Contact operation	Late-break
Positive opening	With IEC 60947-5-2
Mechanical durability	5000000 cycles
Connections - terminals	Screw clamp terminals, 1 x 0.22...2 x 1.5 mm ² EN/IEC 60947-1
Tightening torque	7.08 lbf.in (0.8 N.m) EN/IEC 60947-1
Shape of screw head	Cross slotted
Contacts material	Silver alloy contacts
Short-circuit protection	10 A cartridge fuse EN/IEC 60947-5-1
[I _{th}] conventional free air thermal current	10 A
[U _i] rated insulation voltage	250 V 3)EN/IEC 60947-1
[U _{imp}] rated impulse withstand voltage	2.5 kV EN/IEC 60947-1
[I _e] rated operational current	3 A 240 V, AC-15, A600-Q600 NEMA 0.55 A 125 V, DC-13, A600-Q600 NEMA
[I _{cm}] rated short-circuit making capacity	12 KA 600 V AC-15, 7200 VA 15 KA 480 V AC-15, 7200 VA 0.1 KA 600 V DC-13 0.27 KA 250 V DC-13 0.55 KA 125 V DC-13
Rated breaking capacity	3 KA 240 V AC-15, 720 VA 6 KA 120 V AC-15, 720 VA 1.2 KA 600 V AC-15, 720 VA 1.5 KA 480 V AC-15, 720 VA 0.1 KA 600 V DC-13 0.27 KA 250 V DC-13 0.55 KA 125 V DC-13
Device presentation	Complete product
Cap/operator or lens colour	Red
Operator profile	Mushroom Ø 41 mm

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Type of operator	Pull : spring return, center : stay put, push : spring return
Size	30 mm

Environment

Protective treatment	TC
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Overvoltage category	Class II IEC 61140
IP degree of protection	IP66 IEC 60529
NEMA degree of protection	NEMA 1 NEMA 12 NEMA 13 NEMA 2 NEMA 3 NEMA 3R NEMA 4 NEMA 6
Standards	EN/IEC 60947-5-1 EN/IEC 60947-1 EN/IEC 60947-5-4 JIS C 4520 JIS C 852 UL 508 CSA C22.2 No 14
Product Certifications	UL 508[RETURN]NEMA
Vibration resistance	7 gn 2...500 Hz)IEC 60068-2-6
Shock resistance	50 gn IEC 60068-2-27

Ordering and shipping details

Category	US10CS121426
Discount Schedule	0CS1
GTIN	785901034087
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.800 in (4.572 cm)
Package 1 Width	2.100 in (5.334 cm)
Package 1 Length	3.600 in (9.144 cm)
Package 1 Weight	4.480 oz (127.006 g)

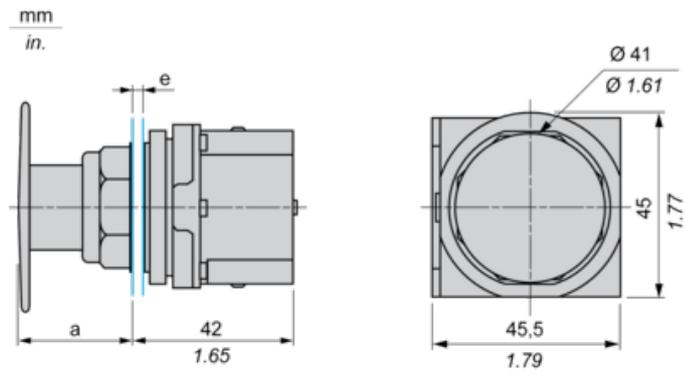
Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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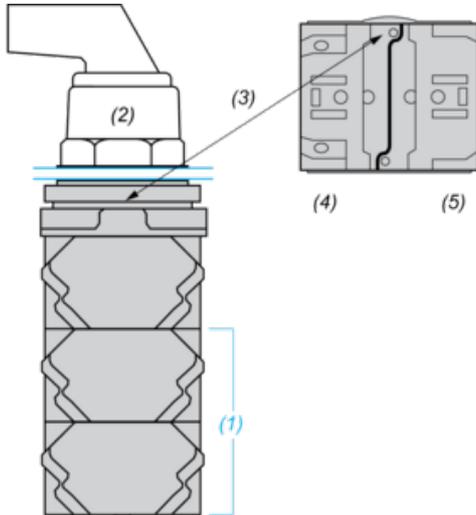
Dimensions



e panel thickness: 1 to 6 mm / 0.04 to 0.24 in.
a 32 mm / 1.26 in.

Contact Block Mounting Position

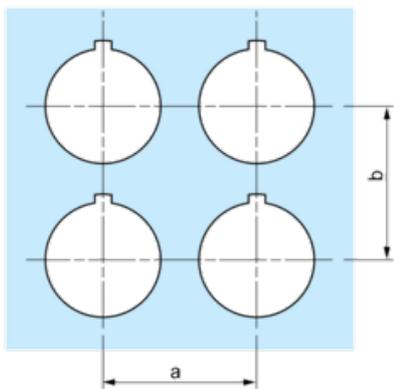
Top and Rear views



- (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.

