Product data sheet

Specifications



Illuminated push-button, Harmony 9001K, metal, mushroom 41mm, red, 30mm, 2 positions, push-pull, 24-28V, 1 NC late + 1 NC

9001KR9P35RH25

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Harmony 9001K
Product or Component Type	Illuminated push-button
Device short name	9001K
Type of operator	push-pull
Operator profile	Red mushroom Ø 41 mm, unmarked
Light block supply	Direct

Complementary

Bezel material	Metal
Mounting diameter	1.2 in (30 mm)
CAD overall width	2.1 in (54 mm)
CAD overall height	1.7 in (42 mm)
CAD overall depth	4.06 in (103 mm)
Terminals description ISO n°1	(11-12)NC_OL (21-22)NC
Product Weight	0.370 lb(US) (0.168 kg)
Operating position	Any position
Shape of signaling unit head	Round
Operator position information	2 positions
Contacts type and composition	1 NC late break + 1 NC
Contacts type and composition	1 NC late-break 1 NC slow-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 mm² IEC 60947-1
Tightening torque	7.08 lbf.in (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
[Ith] conventional free air thermal current	10 A
[Ui] rated insulation voltage	250 V 3)IEC 60947-1

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: 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

[Uimp] rated impulse withstand voltage	2.5 kV IEC 60947-1
[Icm] rated short-circuit making capacity	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	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 0.1 kA 600 V DC-13 0.27 kA 250 V DC-13 0.55 kA 125 V DC-13
Light source	incandescent
Bulb base	BA 9s
[Us] rated supply voltage	24...28 V AC/DC
Operator additional information	Screw-on plastic
Device presentation	Complete product
Cap/operator or lens colour	Red
[Us] rated supply voltage	24...28 V
Light block supply	Full voltage
Operator profile	Mushroom Ø 41 mm
Type of operator	Push-pull
Size	30 mm
Light source	Incandescent bulb

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)
Electrical shock protection class	Class II conforming to IEC 61140
NEMA degree of protection	NEMA 1 NEMA 12 NEMA 13 NEMA 2 NEMA 3 NEMA 3R NEMA 4
Standards	JIS C 4520 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 CSA C22.2 No 14 UL 508 JIS C 852
Product Certifications	UL 508 NEMA
Vibration resistance	7 gn (f= 2…500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn IEC 60068-2-27

Ordering and shipping details

Category	US10CS121426
Discount Schedule	0CS1

GTIN	785901914648
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.900 in (4.826 cm)
Package 1 Width	2.300 in (5.842 cm)
Package 1 Length	4.50 in (11.43 cm)
Package weight(Lbs)	8.000 oz (226.796 g)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	Ae0c4eb9-0bfb-40a4-851f-5c619fbe777d
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
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

Use Longer

Lifetime extension

Repair	No

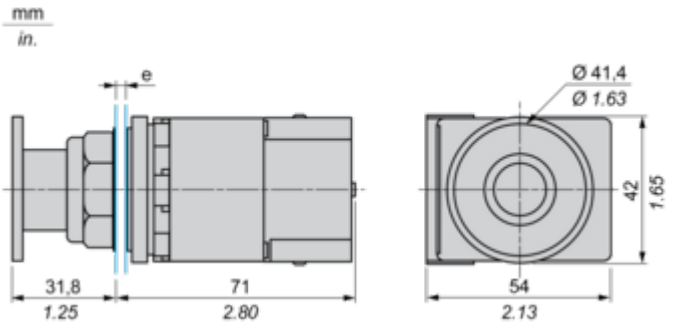
Use Again

Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Dimensions

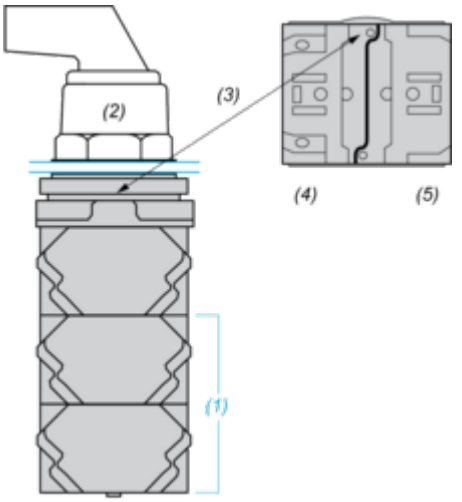


e panel thickness: 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

Contact Block Mounting Position

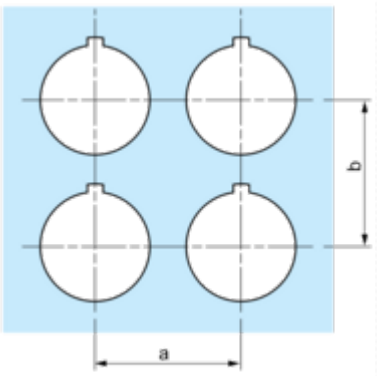
Top and Rear views



(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

