

Product data sheet

Specifications



Illuminated push button, Harmony
9001K, metal, projecting, red,
30mm, spring return, LED red,
24...28V, 1 CO

9001K2L35LRRH13

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	spring return
Operator profile	Red projecting, unmarked
Operator additional information	Without guard

Complementary

Bezel material	Metal
Mounting diameter	1.2 in (30 mm)
Shape of signaling unit head	Octagonal
Light source	LED
Light source	LED
Bulb base	BA 9s
Light block supply	Direct
[Us] rated supply voltage	24...28 V AC/DC
Contacts type and composition	1 C/O
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
Mechanical durability	5000000 cycles
Operating position	Any position
[Ui] rated insulation voltage	250 V 3)IEC 60947-1
[Uimp] rated impulse withstand voltage	2.5 kV IEC 60947-1
Contacts material	Silver alloy contacts
Contact operation	Standard
Positive opening	Without
Short-circuit protection	10 A cartridge fuse IEC 60947-5-1
[Ith] conventional free air thermal current	10 A

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

[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
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	(13-14-11-12)OF
Net Weight	0.366 lb(US) (0.166 kg)
Device presentation	Complete product
Cap/operator or lens colour	Red
[Us] rated supply voltage	24...28 V
Light source colour	Red
Operator profile	Projecting
Type of operator	Spring return
Size	30 mm

Environment

Standards	IEC 60947-1 JIS C 4520 IEC 60947-5-1 CSA C22.2 No 14 JIS C 852 IEC 60947-5-4
Product Certifications	NEMA UL 508
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)
Vibration resistance	7 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn IEC 60068-2-27
Overvoltage category	Class II conforming to 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

Ordering and shipping details

Category	US10CS121426
Discount Schedule	0CS1

GTIN	785901225133
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.90 in (4.826 cm)
Package 1 Width	2.30 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	18 months
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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 >](#)

Use Better

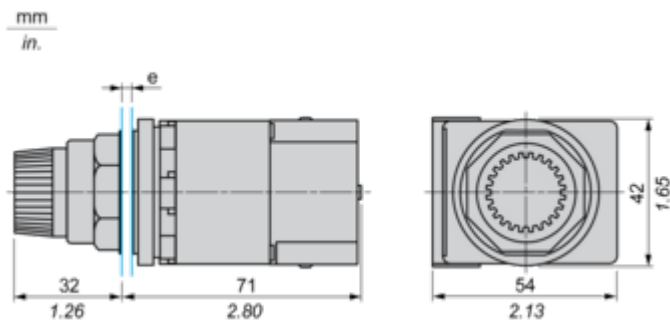
 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	Ae0c4eb9-0bfb-40a4-851f-5c619fbe777d
REACH Regulation	REACH Declaration
California proposition 65	WARNING: 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 Again

 Repack and remanufacture	
Take-back	No
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Dimensions

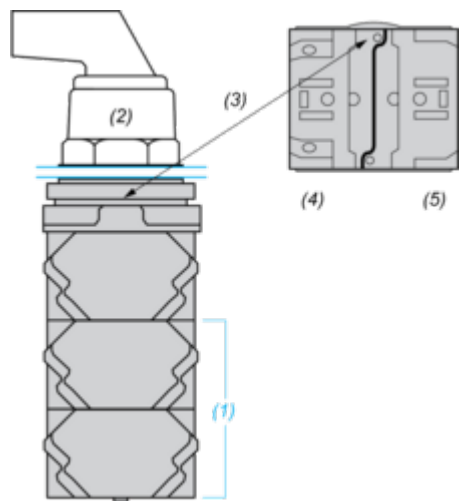


e panel thickness: 1 to 6 mm/ 0.04 to 0.24 in.

Mounting and Clearance

Contact Block Mounting Position

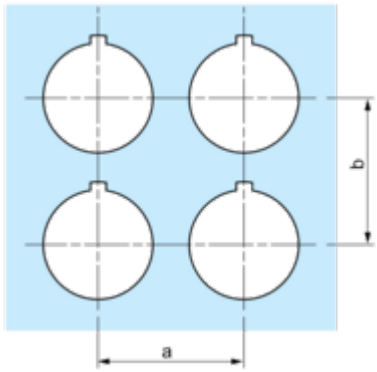
Top and Rear views



- (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

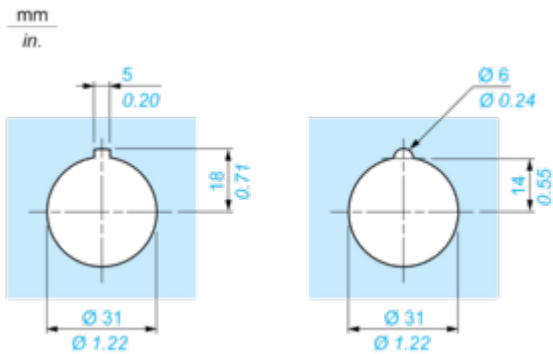
Clearance



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



Offer Marketing Illustration

Product benefits / Features

Features

Harmony 9001K



Improved security thanks to finger-safe contact blocks and light modules



Single screw Contact Block Fastening



Robustness to withstand the harshest environments



Automatic self-grounding operators without additional wiring



Large metal set of accessories to customize your product



Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony 9001K

Compliant with IEC, UL, CSA, EN and NOM standards, CE marking

-25°C to +70°C operating temperature range

IP66, NEMA 4 rated (Heavy duty, oil tight, waterproof and dust tight without requiring boots)

Contacts and heads designed against vibration (2 to 500 Hz: 7gn), ensuring secure mounting and wiring

American Bureau of Shipping Approved for Marine Applications & meet all US automotive standards

Class I Div. 1 (gas) and Class II Div. 1 (dust) with reed contact blocks

