Product data sheet

Specifications

30mm Push Button, Type K, push button, full guard, black, 1 NO and 1 NC

9001KR1BH13

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony 9001K
Product or Component Type	Push-button
Device short name	9001K
Type of operator	spring return
Operator profile	Black flush, unmarked
Operator additional information	Metal guard

Complementary

Bezel material	Metal
Mounting diameter	1.2 in (30 mm)
Shape of signaling unit head	Octagonal
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
[Ie] rated operational current	3 A 240 V, AC-15, A600-Q600 NEMA 0.55 A 125 V, DC-13, A600-Q600 NEMA
[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
[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 0.1 kA 600 V DC-13 0.27 kA 250 V DC-13 0.55 kA 125 V DC-13

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

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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
Terminals description ISO n°1	(13-14-11-12)OF
CAD overall width	1.9 in (48 mm)
CAD overall height	1.8 in (45 mm)
CAD overall depth	2.2 in (56 mm)
Net Weight	0.267 lb(US) (0.121 kg)
Device presentation	Complete product
Cap/operator or lens colour	Black
Operator profile	Flush
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	UL 508
	NEMA
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
Electrical shock protection class	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	785901066798
Returnability	Yes
Country of origin	MX

Packing Units

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Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.97 in (5.000 cm)
Package 1 Width	2.28 in (5.800 cm)
Package 1 Length	3.74 in (9.500 cm)
Package weight(Lbs)	4.480 oz (127.000 g)
Unit Type of Package 2	S01
Number of Units in Package 2	16
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	5.91 in (15.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	4.874 lb(US) (2.211 kg)

Contractual warranty

Warranty	18 months

◓ 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

Carbon footprint (kg CO2 eq, Total Life cycle)	**1**

Use Better

⬤ Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
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.**

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Dimensions Drawings

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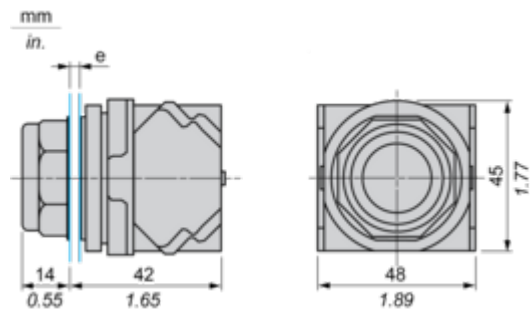
e panel thickness: 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance
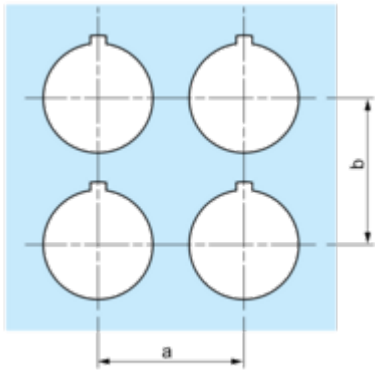
Contact Block Mounting Position

Top and Rear views

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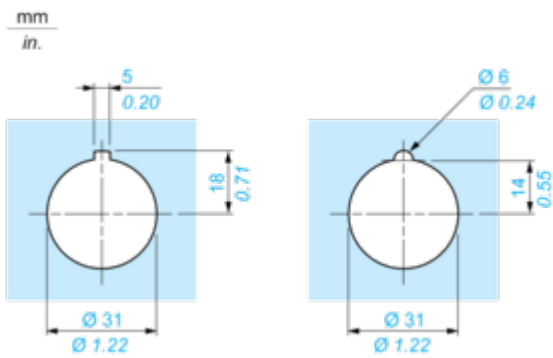**(3)** Locating notch
(4) Side 1
(5) Side 2

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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

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

Image of product / Alternate images

Alternative