# **Product data sheet**

Specification





Emergency stop push button, Harmony 9001K, metal, mushroom 40mm, red, 30mm, 2 positions, turn to release, 1 C/O

9001KR16H13

### Main

Range Of Product	Harmony 9001K
Product Or Component Type	Emergency stop push-button
Device Short Name	9001K
Type Of Operator	Turn to release trigger action
Operator Profile	Red mushroom Ø 40 mm, unmarked

# Complementary

•			
Bezel Material	Metal		
Mounting Diameter	30 mm		
Cad Overall Width	40 mm		
Cad Overall Height	40 mm		
Cad Overall Depth	116 mm		
Net Weight	0.141 kg		
Operating Position	Any position		
Shape Of Signaling Unit Head	Round		
Head Material	Plastic		
Operator Position Information	2 positions		
Contacts Type And Composition	1 C/O		
Mechanical Durability	5000000 cycles		
Connections - Terminals	Screw clamp terminals, 1 x 0.222 x 1.5 mm² conforming to IEC 60947-1		
Tightening Torque	0.8 N.m conforming to IEC 60947-1		
Shape Of Screw Head	Cross slotted		
Contacts Material	Silver alloy contacts		
Short-Circuit Protection	10 A cartridge fuse conforming to IEC 60947-5-1		
[Ith] Conventional Free Air Thermal Current	10 A		
[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		
[le] Rated Operational Current	3 A at 240 V, AC-15, A600-Q600 conforming to NEMA 0.55 A at 125 V, DC-13, A600-Q600 conforming to NEMA		
[Icm] Rated Short-Circuit Making Capacity	12 kA at 120 V AC-15, 7200 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

Rated Breaking Capacity	3 kA at 240 V AC-15, 720 VA
	6 kA at 120 V AC-15, 720 VA
	1.2 kA at 600 V AC-15, 720 VA
	1.5 kA at 480 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
Device Presentation	Complete product
Cap/Operator Or Lens Colour	Red
Operator Profile	Mushroom Ø 40 mm
Type Of Operator	Turn to release
Size	30 mm

# **Environment**

Protective Treatment	тс				
Ambient Air Temperature For Storage	-4070 °C				
Ambient Air Temperature For Operation	-2570 °C				
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 3 NEMA 3R NEMA 4 NEMA 6				
Standards	IEC 60204-1, for emergency stop devices if used with emergency stop legend plate type 9001KN ISO 13850, for emergency stop devices if used with emergency stop legend plate type 9001KN IEC 60947-5-1 IEC 60947-1 IEC 60947-5-4 IEC 60947-5-5 JIS C 4520 JIS C 852 UL 60947-5-5 CSA C22.2 No 14				
Product Certifications	NEMA UL 508				
Vibration Resistance	7 gn (f= 2500 Hz) conforming to IEC 60068-2-6				
Shock Resistance	50 gn conforming to IEC 60068-2-27				

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.842 cm
Package 1 Width	5.08 cm
Package 1 Length	11.43 cm
Package 1 Weight	199.581 g

# **Contractual warranty**

Warranty	18 months	



**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

# Well-being performance



Mercury Free



Rohs Exemption Information

Yes

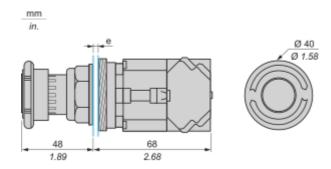
### **Certifications & Standards**

Reach Regulation	REACh Declaration		
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)		
China Rohs Regulation	China RoHS declaration		
Environmental Disclosure	Product Environmental Profile		
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins		
Circularity Profile	No need of specific recycling operations		

# 9001KR16H13

### **Dimensions Drawings**

#### **Dimensions**

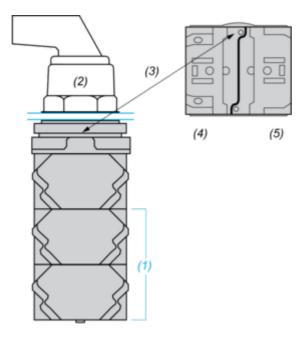


e: panel thickness 1 to 6 mm / 0.04 to 0.24 in.

### Mounting and Clearance

### **Contact Block Mounting Position**

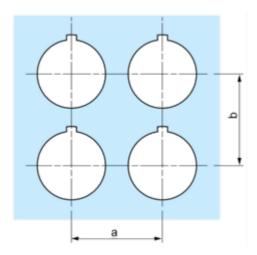
Top and Rear views



- (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

