Your Expert Partner for **Human Machine Interfaces**

Pushbutton

Distribution by
DigiKey

K14-
271.222110



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Your product:



K14-271.222110
Pushbutton

FRONT

Front dimension:	Ø 35 mm

MOUNTING

Mounting cut-out:	Ø 30.5 mm

OPERATING-/INDICATION PART

Lens material:	Aluminium
Lens colour:	Red
Lens optics:	opaque
Lens shape:	flush

ELECTRICAL CHARACTERISTICS

Thermal current Ith:	5 A
Standards:	According to EN/IEC 61058-1
Electric strength:	3000 VAC, 50 Hz, 1 min. between all terminals and earth, according to EN/IEC 61058-1
Contacts:	1 NC / 1 NO
Protection class:	II
Switching voltage and switching current:	250 VAC, 5 A (ohmic) 250 VAC, 2 A (inductive, cos(phi) = 0.7) 220 VDC, 0.1 A (inductive, L:R = 30 ms) 110 VDC, 0.2 A (inductive, L:R = 30 ms) 60 VDC, 0.7 A (inductive, L:R = 30 ms) 24 VDC, 2 A (inductive, L:R = 30 ms)
Rated Operational Voltage Ue:	250 VAC/DC according to EN IEC 61058-1
Electrical lifetime:	50 000 cycles of operation

MECHANICAL CHARATERISTIC

Switching system:	Snap-action switching element
Terminal:	Soldering terminal
Operating force:	5 N ... 8 N
Switching action:	Maintained
Tightening torque:	Fixing nut max. 0.25 Nm
Weight:	0.031 kg
Mechanical lifetime:	1 Mio. cycles of operation
Contact material:	Gold-plated silver
Operating Travel:	3 mm
Wire cross section:	Max. wire diameter 2 wires à 1.2 mm Max. wire cross-section of stranded cable 1 x 1 mm^2

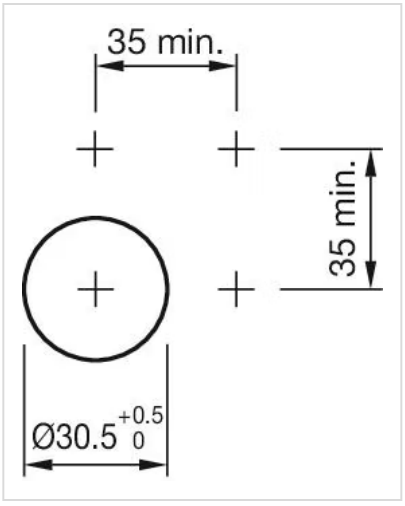
AMBIENT CONDITION

Climate resistance:	Standard condition, as per DIN EN 60068-2-78 Standard cyclic, as per DIN IEC 60068-2-30
Vibration resistance:	Max. 100 m / s^2 from 10 Hz ... 500 Hz, (sinusoidal EN IEC 60068-2-6)
Storage temperature:	– 40 °C ... + 85 °C
IP front protection:	IP67, according to DIN EN 60529
Operating temperature:	– 25 °C ... + 55 °C
Shock resistance:	Max. 150 m / s^2, pulse width 11 ms, 3-axis, (semi-sinusoidal as per EN IEC 60068-2-27)

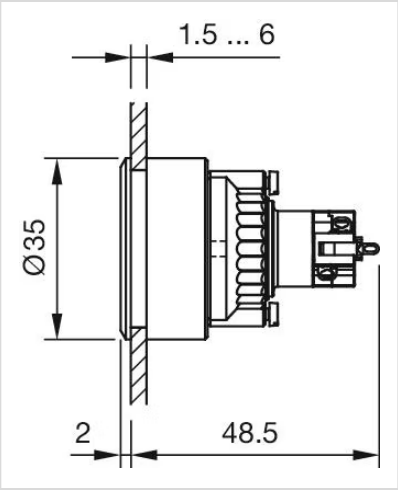
CERTIFICATE

Approbations:	CB (IEC 61058-1), CQC, CSA, DNV, ENEC (EN 61058-1), UL
Conformities:	CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

Housing material:	Plastic
Short Description:	Pushbutton, Maintained, 250 V AC @ 5 A, 1 NC / 1 NO, Soldering terminal, Red
max. number of switching elements:	1
Housing colour:	Black
Mounting cut-outs:	

Dimension drawings:



Wiring diagrams:

