Your Expert Partner for **Human Machine Interfaces**

Keylock switch 2 positions

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K14-235.22200



https://digikey.eao.com/p/K14-235.22200

Your product:



K14-235.22200
Keylock switch 2 positions

FRONT

Front dimension:	Ø 35 mm
Front bezel material:	Aluminium
Front bezel colour:	Nature

MOUNTING

Mounting cut-out:	Ø 30.5 mm

ELECTRICAL CHARACTERISTICS

Contacts:	1 NC / 1 NO
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)
Thermal current Ith:	5 A
Rated Operational Voltage Ue:	250 VAC/DC 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
Standards:	According to EN/IEC 61058-1
Protection class:	II
Electrostatic discharge (ESD):	15 kV
Electrical lifetime:	50 000 cycles of operation

MECHANICAL CHARATERISTIC

Operating Travel:	ca. 90°

Operating force:	5 N ... 8 N
Weight:	0.044 kg
Mechanical lifetime:	1 Mio. cycles of operation
Contact material:	Gold-plated silver
Tightening torque:	Fixing nut max. 0.25 Nm
Terminal:	Soldering terminal
Switching positions:	2 positions
Switching action:	Rest (a) - Maintained
Switching angle:	90° right
Switching system:	Snap-action switching element
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

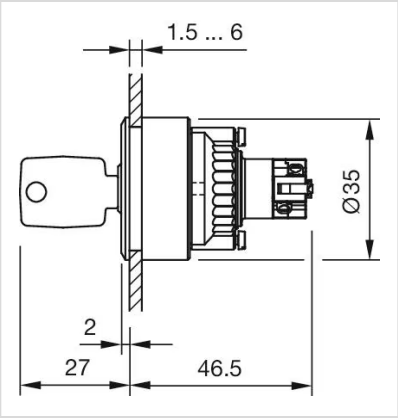
Climate resistance:	Standard condition, as per DIN EN 60068-2-78 Standard cyclic, as per DIN IEC 60068-2-30
Storage temperature:	– 40 °C ... + 85 °C
Vibration resistance:	Max. 100 m / s^2 from 10 Hz ... 500 Hz, (sinusoidal EN IEC 60068-2-6)
IP front protection:	IP65, according to DIN EN 60529
Operating temperature:	– 25 °C ... + 55 °C

CERTIFICATE

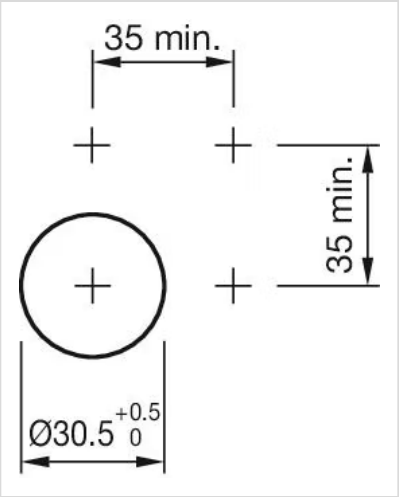
Approbations:	CB (IEC 61058-1), CQC, CSA, DNV, ENEC (EN 61058-1), UL
Conformities:	CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

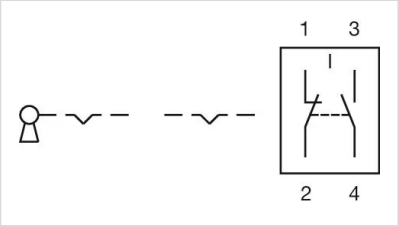
Housing material:	Plastic
Short Description:	Keylock switch 2 positions, Rest (a) - Maintained, 250 V AC @ 5 A, 1 NC / 1 NO, Soldering terminal, Aluminium
max. number of switching elements:	1
Hints:	Lock numbers 1001, lock type KABA
Dimension drawings:	



Mounting cut-outs:



Wiring diagrams:



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