

Keylock switch 2 positions

K14-141.22100

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Mouser



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Your product:



K14-141.22100

Keylock switch 2 positions

PRODUCT RANGE

Product Status: Phase-out

FRONT

Front dimension: Ø 35 mm

Front bezel colour: Nature

Front bezel material: Aluminium

MOUNTING

Mounting cut-out: Ø 30.5 mm

Mounting type: Panel mounting

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:

- 250 VAC, 5 A (ohmic)
- 250 VAC, 3 A (Soldering terminal)
- 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)

Contacts: 1 NC / 1 NO

Rated Operational Voltage U_e : 250 VAC/DC according to EN IEC 61058-1

Switching rating: 250 V AC @ 3 A

Electrical lifetime: 50 000 cycles of operation

Electric strength: 3000 VAC, 50 Hz, 1 min. between all terminals and earth, according to EN/IEC 61058-1

Electrostatic discharge (ESD): 15 kV

Protection class:	II
Standards:	According to EN/IEC 61058-1
Thermal current I_{th}:	3 A

MECHANICAL CHARACTERISTICS

Terminal:	Soldering terminal
Contact material:	Gold-plated silver
Switching action:	Rest (a) - Momentary
Switching system:	Snap-action switching element
Switching positions:	2 positions
Switching angle:	42° right
Mechanical lifetime:	2 Mil. cycles of operation
Operating force:	3 N ... 6 N
Operating Travel:	ca. 42°
Tightening torque:	Fixing nut max. 0.25 Nm
Wire cross section:	Max. wire diameter 2 wires à 1.2 mm Max. wire cross-section of stranded cable 1 x 1 mm ²
Weight:	0.044 kg

AMBIENT CONDITION

IP front protection:	IP65, according to DIN EN 60529
Operating temperature:	- 25 °C ... + 55 °C
Storage temperature:	- 40 °C ... + 85 °C
Shock resistance:	Max. 150 m / s ² , pulse width 11 ms, 3-axis, (semi-sinusoidal as per EN IEC 60068-2-27)
Vibration resistance:	Max. 100 m / s ² from 10 Hz ... 500 Hz, (sinusoidal EN IEC 60068-2-6)
Climate resistance:	Standard condition, as per DIN EN 60068-2-78 Standard cyclic, as per DIN IEC 60068-2-30

CERTIFICATE

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

RoHS:

RoHS compliant

OTHER

Short Description:

Keylock switch 2 positions, Rest (a) - Momentary, 250 V AC @ 3 A, 1 NC / 1 NO, Soldering terminal, Aluminium

Housing material:

Plastic

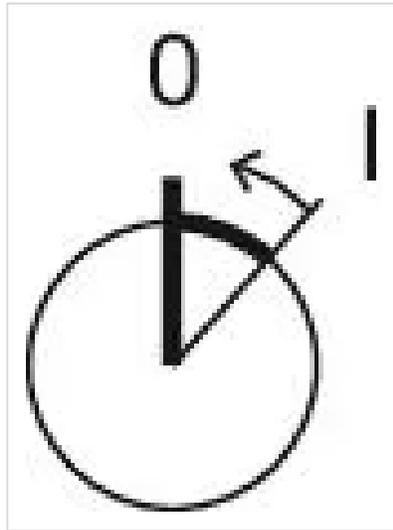
Hints:

Lock numbers 1001, lock type KABA

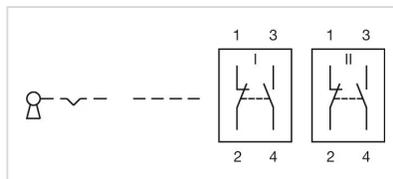
max. number of switching elements:

1

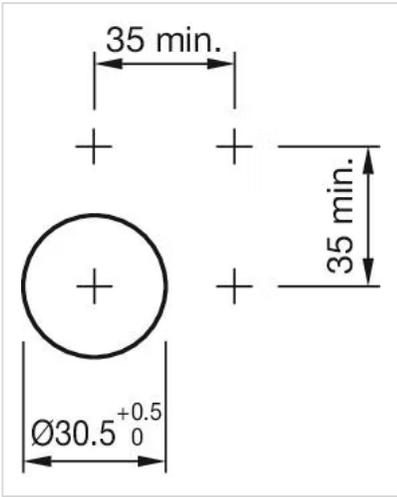
Switching positions:



Wiring diagrams:



Mounting cut-outs:



Dimension drawings:

