

Keylock switch 2 positions

K14-235.22200

Distribution by
DigiKey

DigiKey



<https://digikey.eao.com/component/K14-235.222...>

Your product:



K14-235.22200

Keylock switch 2 positions

Loading ...

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) - Maintained |
| Switching system: | Snap-action switching element |
| Switching positions: | 2 positions |
| Switching angle: | 90° right |
| Mechanical lifetime: | 1 Mil. cycles of operation |
| Operating force: | 5 N ... 8 N |
| Operating Travel: | ca. 90° |
| 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) - Maintained, 250 V AC @ 3 A, 1 NC / 1 NO, |
|---------------------------|---|

Soldering terminal, Aluminium

Housing material:

Plastic

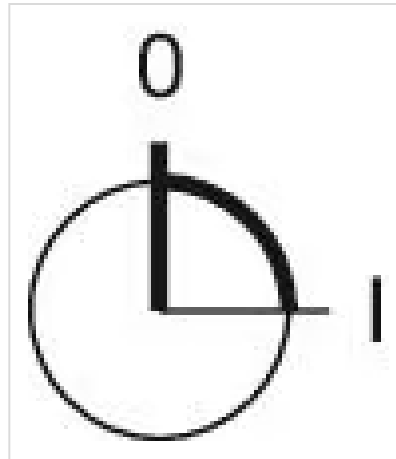
Hints:

Lock numbers 1001, lock type KABA

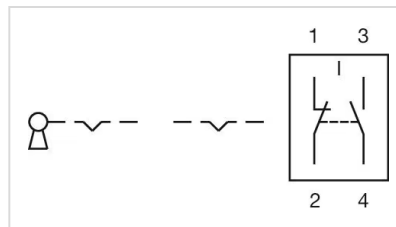
max. number of switching elements:

1

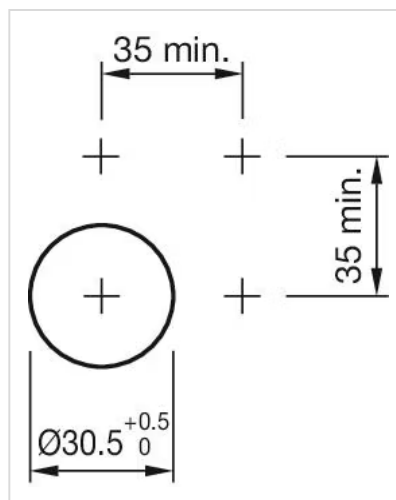
Switching positions:



Wiring diagrams:



Mounting cut-outs:



Dimension drawings:

