

Selector switch 2 positions

K14-506.21200

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<https://digikey.eao.com/p/K14-506.21200>

Your product:



K14-506.21200

Selector switch 2 positions

FRONT

Front dimension: Ø 35 mm

MOUNTING

Mounting cut-out: Ø 30.5 mm

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lever colour: Black

Lever material: plastic

Lever shape: short

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

Protection class: II

Standards: According to EN/IEC 61058-1

Thermal current I_{th}: 3 A

MECHANICAL CHARACTERISTICS

Terminal: Plug-in terminal, 2.8 x 0.5 mm

Contact material: Gold-plated silver

Switching action: Rest - Maintained

Switching system: Snap-action switching element

Switching system: Self-cleaning, double-break snap action switching system (contact opening width 2 mm x 1.5 mm).

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 cross-section 2 wires with 1 mm
Max. wire cross-section of stranded cable 2 of 0.75 mm² or 1 x 1.0 mm²

Weight: 0.039 kg

AMBIENT CONDITION

IP front protection: IP67, according to DIN EN 60529

Operating temperature: – 25 °C ... + 55 °C

Storage temperature: – 40 °C ... + 85 °C

Shock resistance: Max. 150 m / s², pulse width 11 ms, 3-axis, (semi-sinusoidal as per EN IEC 60068-2-27)

Vibration resistance: Max. 100 m / s² 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:

Selector switch 2 positions, Rest - Maintained, 250 V AC @ 3 A, 1 NC / 1 NO,
Plug-in terminal, 2.8 x 0.5 mm

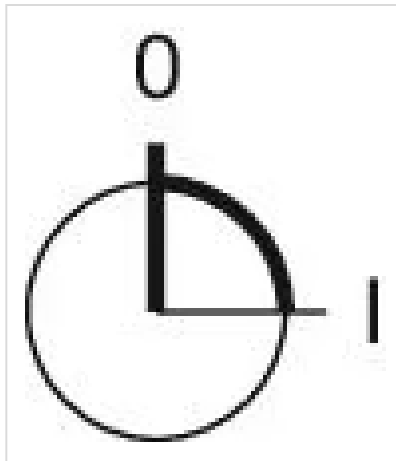
Housing colour:

Black

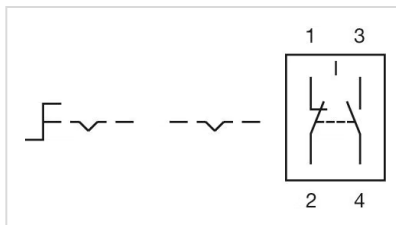
Housing material:

Plastic

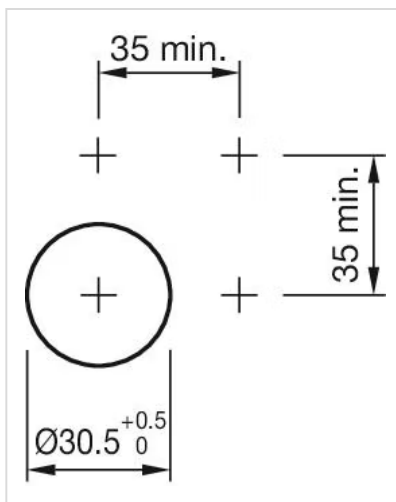
Switching positions:



Wiring diagrams:



Mounting cut-outs:



Dimension drawings:

