

# Selector switch 2 positions

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**DigiKey**

K14-506.21200



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## 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 Ue:** 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 mm<sup>2</sup> or 1 x 1.0 mm<sup>2</sup>

**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 / s<sup>2</sup>, pulse width 11 ms, 3-axis, (semi-sinusoidal as per EN IEC 60068-2-27)

**Vibration resistance:** Max. 100 m / s<sup>2</sup> 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

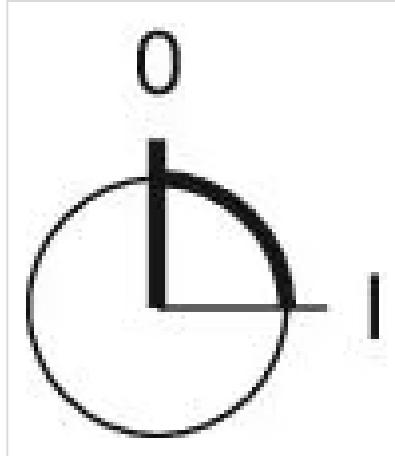
**Housing colour:**

Black

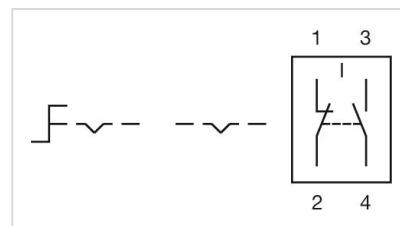
**Housing material:**

Plastic

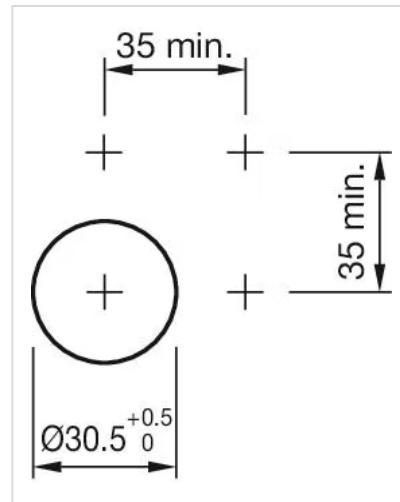
**Switching positions:**



**Wiring diagrams:**



**Mounting cut-outs:**



**Dimension drawings:**

