

Your Expert Partner for Human Machine Interfaces

Indicator

K14-040.120042









https://digikey.eao.com/p/K14-040.120042

Your product:

FRONT



K14-040.120042 Indicator

| Front dimension: | Ø 29 mm |
|-------------------|----------------|
| Front form: | Round |
| | |
| MOUNTING | |
| Mounting cut-out: | Ø 22.3 mm |
| Mounting type: | Panel mounting |
| | |

OPERATING-/INDICATION PART

| Lens colour: | Colourless |
|----------------------|-------------|
| Lens material: | Plastic |
| Lens illumination: | Illuminated |
| Lens shape: | Raised |
| Lens optics: | transparent |
| Illumination colour: | White |

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) |
|--|---|
| Operating voltage: | 28 V AC/DC |
| Operation current: | 2.5/5 mA ±15 % |
| Rated Operational Voltage Ue: | 250 VAC/DC according to EN IEC 61058-1 |

| Switching rating: | 5 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 Ith: | 5 A |

MECHANICAL CHARACTERISTICS

| Terminal: | Soldering terminal |
|--------------------|-------------------------|
| Contact material: | Gold-plated silver |
| Tightening torque: | Fixing nut max. 0.25 Nm |
| Weight: | 0.021 kg |

AMBIENT CONDITION

| IP front protection: | IP67, according to DIN EN 60529 |
|------------------------|--|
| Operating temperature: | – 25 °C + 55 °C, mounted as a block, make sure the heat can escape freely |
| 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, ENEC (EN 61058-1), UL |
|---------------|--|
| Conformities: | CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD) |
| REACH: | REACH compliant |
| RoHS: | RoHS compliant |

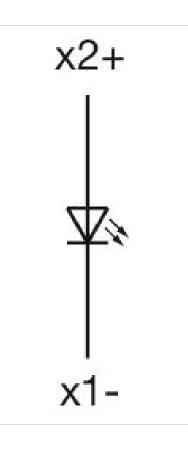
OTHER

| Short Description: | Indicator, 5 A, 28 V AC/DC, Soldering terminal, Round, White, Colourless |
|--------------------|--|
| Housing colour: | Black |

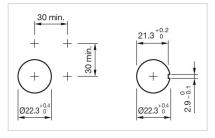
Housing material:

Plastic

Wiring diagrams:



Mounting cut-outs:



Dimension drawings:

