

# Indicator

K14-  
040.220082

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## K14-040.220082 Indicator

### FRONT

**Front dimension:** Ø 35 mm

**Front form:** Round

### MOUNTING

**Mounting cut-out:** Ø 30.5 mm

**Mounting type:** Panel mounting

### OPERATING-/INDICATION PART

**Lens colour:** Green

**Lens material:** Plastic

**Lens illumination:** Illuminated

**Lens shape:** Flush

**Lens optics:** transparent

**Illumination colour:** Green

### 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:** 4/7 mA  $\pm 15\%$

**Rated Operational Voltage U<sub>e</sub>:** 250 VAC/DC according to EN IEC 61058-1

|                                        |                                                                                      |
|----------------------------------------|--------------------------------------------------------------------------------------|
| <b>Switching rating:</b>               | 5 A                                                                                  |
| <b>Electrical lifetime:</b>            | 50 000 cycles of operation                                                           |
| <b>Electric strength:</b>              | 3000 VAC, 50 Hz, 1 min. between all terminals and earth, according to EN/IEC 61058-1 |
| <b>Protection class:</b>               | II                                                                                   |
| <b>Standards:</b>                      | According to EN/IEC 61058-1                                                          |
| <b>Thermal current I<sub>th</sub>:</b> | 5 A                                                                                  |

## MECHANICAL CHARACTERISTICS

|                           |                         |
|---------------------------|-------------------------|
| <b>Terminal:</b>          | Soldering terminal      |
| <b>Tightening torque:</b> | Fixing nut max. 0.25 Nm |
| <b>Weight:</b>            | 0.031 kg                |

## AMBIENT CONDITION

|                               |                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>IP front protection:</b>   | IP67, according to DIN EN 60529                                                                     |
| <b>Operating temperature:</b> | – 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely                       |
| <b>Storage temperature:</b>   | – 40 °C ... + 85 °C                                                                                 |
| <b>Shock resistance:</b>      | Max. 150 m / s <sup>2</sup> , pulse width 11 ms, 3-axis, (semi-sinusoidal as per EN IEC 60068-2-27) |
| <b>Vibration resistance:</b>  | Max. 100 m / s <sup>2</sup> from 10 Hz ... 500 Hz, (sinusoidal EN IEC 60068-2-6)                    |
| <b>Climate resistance:</b>    | Standard condition, as per DIN EN 60068-2-78<br>Standard cyclic, as per DIN IEC 60068-2-30          |

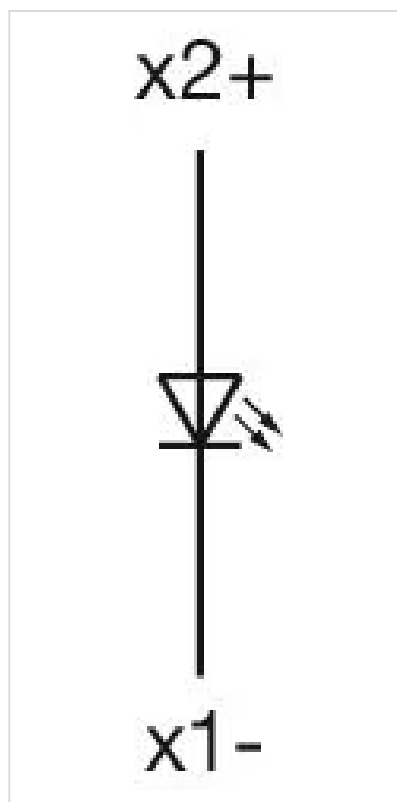
## CERTIFICATE

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

## OTHER

|                           |                                                                     |
|---------------------------|---------------------------------------------------------------------|
| <b>Short Description:</b> | Indicator, 5 A, 28 V AC/DC, Soldering terminal, Round, Green, Green |
| <b>Housing colour:</b>    | Black                                                               |
| <b>Housing material:</b>  | Plastic                                                             |

**Wiring diagrams:**



**Mounting cut-outs:**



**Dimension drawings:**

