

## Technical data sheet

Load monitoring · LCOS accessories

---

### LCOS plug-in terminal

Screw terminal, 8-pin, pin spacing 5.08  
printed 8 – 1



---

#### Identification

|          |                              |
|----------|------------------------------|
| Type     | LCOS-ZB-KL-SS-508-25-8       |
| Part No. | <a href="#">780922.002.2</a> |

---

#### Product version

|                   |    |
|-------------------|----|
| Datasheet version | 02 |
|-------------------|----|

---

#### Description

|                   |                                                                                                                                                                                                                                                                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| System Components | Accessories                                                                                                                                                                                                                                                                                                                               |
| Description       | <p>Screw terminal, pluggable on LCOS functional carrier, black, RM 5,08, 8-pole, 2.5 mm<sup>2</sup>, 8-1 printed.</p> <p>The wire entries are parallel to the plug-in direction on the non-codable side.</p> <p>Note: Product picture similar (push-in), the dimensional drawing (screw connection) corresponds to the final product.</p> |

---

#### General

|                          |                                      |
|--------------------------|--------------------------------------|
| Design                   | Screw terminal, pluggable<br>RM 5.08 |
| Connection cross-section | 0.08 – 2.5 mm <sup>2</sup>           |
| Connection cross-section | AWG 28 – AWG 12                      |
| Connection type          | Screw terminal                       |
| Strip length             | 8 mm                                 |
| Screwdriver              | 3,0 × 0,5 mm                         |
| Tightening torque        | 0.5 Nm (SEV) / 4.4 lb-in (UL)        |
| Housing material         | PA 6.6 (UL 94 V-0)                   |
| Color of the housing     | Black                                |

---

#### United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park  
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU  
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2  
[www.lutze.com](http://www.lutze.com) • [sales.gb@lutze.co.uk](mailto:sales.gb@lutze.co.uk)

#### Germany: Friedrich Lütze GmbH

Postfach 12 24 (PLZ 71366) • Bruckwiesenstraße 17-19 • D-71384 Weinstadt  
Tel. +49 (0)7151 6053-0 • Fax +49 (0)7151 6053-277(-288)  
[www.luetze.de](http://www.luetze.de) • [info@luetze.de](mailto:info@luetze.de)

17.04.2024 • Subject to technical modification

Part No. [780922.002.2](#) • Datasheet version: 02

page 1 of 3

## Technical data sheet

### Load monitoring · LCOS accessories

|                        |                                     |
|------------------------|-------------------------------------|
| Operating voltage      | Max. AC/DC 300 V                    |
| Operating current      | Max. 12 A                           |
| Mounting               | Pluggable, on LCOS function housing |
| Installation position  | Any                                 |
| Contact material       | CuSn                                |
| Degree of protection   | IP20 (EN 60529)                     |
| Pole number            | 8                                   |
| Dimensions (w × h × d) | 40.6 mm × 15.5 mm × 18.2 mm         |
| Weight/unit            | 0.1 kg                              |
| PU (units)             | 10                                  |

### General ambient conditions

|                             |                   |
|-----------------------------|-------------------|
| Operation temperature range | -40 °C ... +85 °C |
| Storage temperature range   | -40 °C ... +85 °C |
| Over voltage category       | III               |
| Degree of pollution         | 3                 |

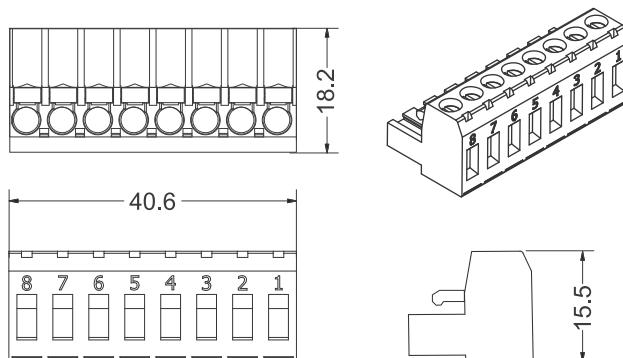
### Certifications/Standards

|                |                                    |
|----------------|------------------------------------|
| Certifications | cURus<br>Appr. UL File-No. E121004 |
|----------------|------------------------------------|

### Notes and Comments

|      |                                                                                                                                                           |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note | Note for UL approval: Extended conductor connections: 2 AWG 16-18, or 1 AWG 16 stranded with 1 AWG 18 solid, or 1 AWG 16 stranded with 1 AWG 18 stranded. |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|

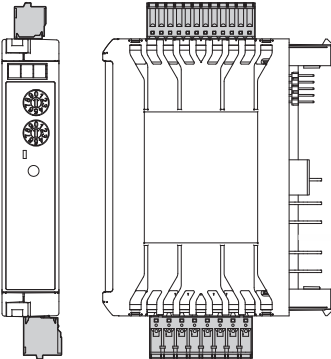
### Dimensions



Use

LCOS-CC/ LCOS-CC-I

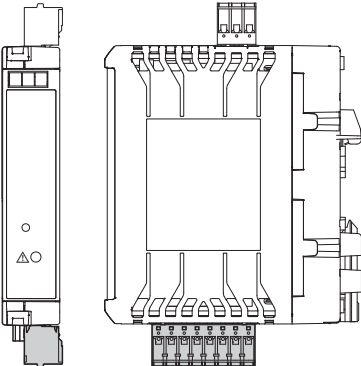
780921.000.2  
780921.002.2



780922.000.2  
780922.002.2

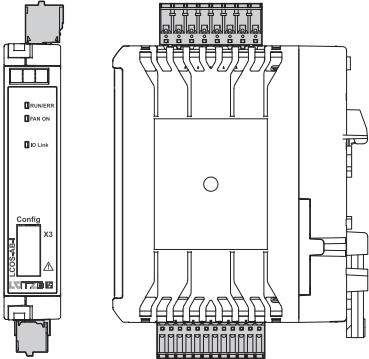
LCOS-PS

780922.000.2  
780922.002.2



LCOS-AB-I

780922.000.2  
780922.002.2



780921.000.2  
780921.002.2