

Technical data sheet

Load monitoring · LCOS accessories

**LCOS function carrier 22.5 mm
with integrated power bus
Modular expandable, integrated PE contact**



Identification

Type	LCOS-FT-PE-225-0P-02-1
Part No.	780402.225.1

Product version

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

Description

System Components	Function carrier
Description	Function carrier 22.5 mm, can be expanded with modules, with PE direct contact, power module

Electrical data Power Bus

Operating voltage	max. AC/DC 500 V
Operating current	max. AC/DC 16 A/channel
Voltage drop	Powerbus at $I_{\max}$ <80 mV

Slots

Slots	1 × 22.5mm
-------	------------

General

Connection type	Bridge 1-pole, connectable
Housing material	PA 6.6 (UL 94 V-0, NFF I2, F2)
Color of the housing	pebble grey

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 • 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 • info@luetze.de

08.12.2023 • Subject to technical modification

Part No. [780402.225.1](#) • Datasheet version: 02

page 1 of 3

Technical data sheet

Load monitoring · LCOS accessories

Mounting	DIN rail mountable TS35 (EN 60715)
Marking	2 × Labelling plates 5×5 mm
Installation position	Vertical
MTBF	on request
Power Dissipation	9 W @ 20°C, 4 W @ 60°C, 3 W @ 75°C
Degree of protection	IP20 (EN 60529)
Dimensions (w × h × d)	22.5 mm × 110.0 mm × 27.0 mm
Weight/unit	0.04 kg
PU (units)	1

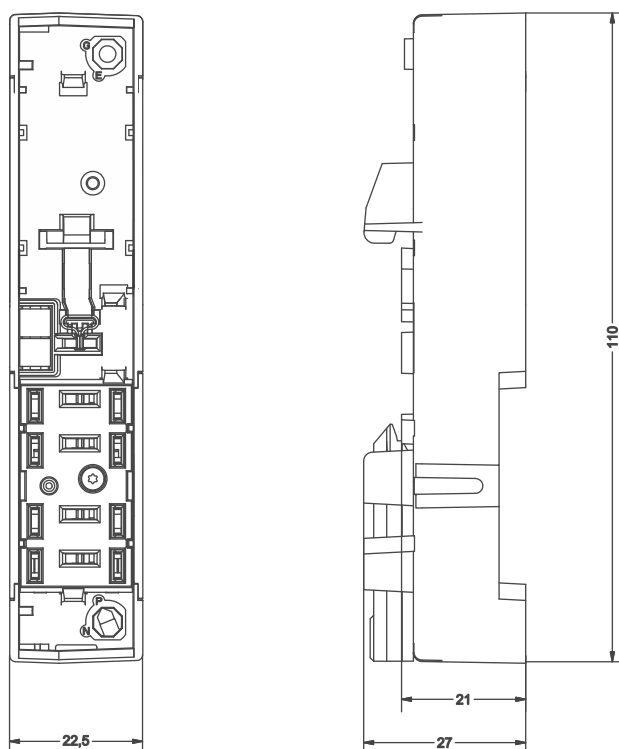
General ambient conditions

Operation temperature range	-40 °C ... +85 °C
Storage temperature range	-40 °C ... +85 °C
Relative air humidity	5 – 95 %, no defrosting
Vibration resistance	4 g acc. to EN 60068-2-8
Shock resistance	15 g 11 ms acc. to IEC 60068-2-27

Certifications/Standards

Conformity	CE UKCA
Certifications	cULus (E170585) DNV (TAA00002SY)
Standards	UL 61010-1 UL 61010-2-201 DNV-CG-0339

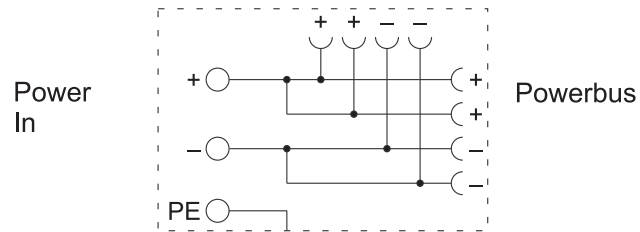
Dimensions



Technical data sheet

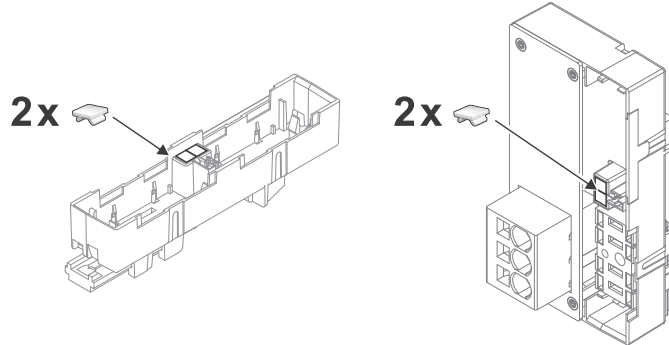
Load monitoring · LCOS accessories

PIN assignment



Use

780981.000.2 - white
780982.000.2 - red
780983.000.2 - blue
716434 - yellow



Use

