



<b>Identification</b>	Type	LCOS-FT-PE-225-DP-03-1
	Part-No.	780403.225.2

<b>Description</b>	LCOS function carrier 22.5 mm with integrated power bus and data module Modular expandable, integrated PE contact
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<b>Use/Application/Properties</b>	
Description	Function carrier 22.5 mm, can be expanded with modules, with PE direct contact, data and power module

**Electrical data Power Bus**

Operating voltage	max. AC/DC 500 V
Operating current	max. AC/DC 16 A/channel
Voltage drop	<80 mV

**Data module**

Material PCB	FR4
Material connector	PE-HT
Operating voltage	max. DC 30 V
Operating current	max. DC 2 A/contact
System current	max. DC 8 A
Pole number	Input/output: 10-pin, outlet: 2×10-pin

25.08.2017 – Subject to technical modification

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USA: LUTZE INC.  
13330 South Ridge Drive · Charlotte, NC 28273, USA  
Tel. +1 (704) 504-0222 · Fax +1 (704) 504-0223  
www.lutze.com · info@lutze.com

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



## Technical data sheet · Load monitoring

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Contact material                      CuZn

### Slots

Slots                                      1 × 22.5mm

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### General

Housing material                      PA 6.6 (UL 94 V-0, NFF I2, F2)

Colour of the housing                pebble grey

Mounting                                DIN rail mountable TS35  
(EN 60715)

Installation position                vertical

Marking                                 2 x Labelling plates 5x5 mm

Dimensions (w × h × d)            22.5 × 28.0 × 110.0 mm

Weight                                  0.060 kg/piece

Standards                              EN 60947-1  
EN 50178  
EN 50124-1  
EN 50175  
IEC 60068-2-42, 43, 8, 27  
EN 60064-1

Approvals                              cULus  
GL

PU                                         10 piece

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### General ambient conditions

Operation temperature range      -40 °C ... +85 °C

Storage temperature range        -40 °C ... +85 °C

Relative air humidity                5 % – 95 % without condensation

Protection class                      IP20

Heat dissipation                     9 W @ 20°C, 4 W @ 60°C, 3 W @ 75°C

Shock resistance                     15 g 11 ms acc. to IEC 60068-2-27

Vibration resistance                4 g acc. to EN 60068-2-8

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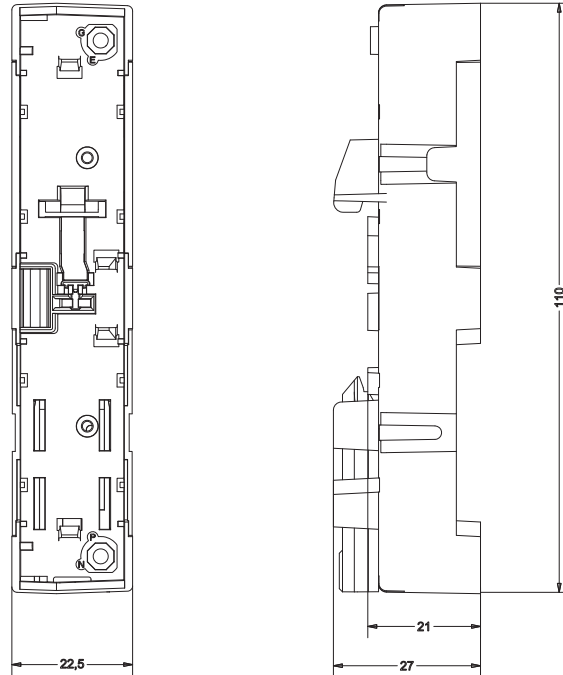
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## Dimensions



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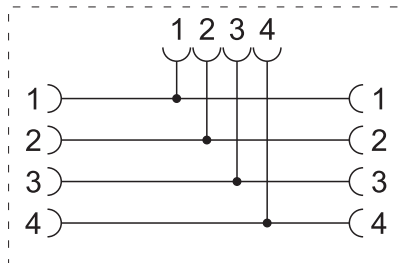
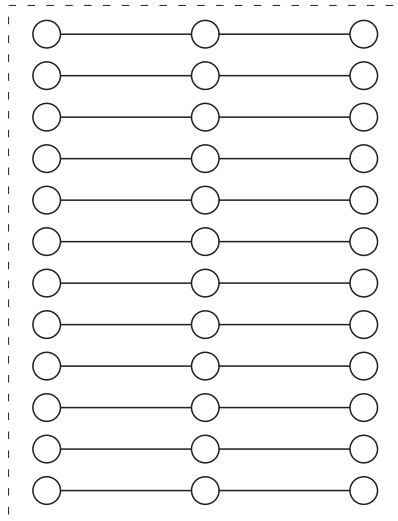
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**PIN assignment**



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