



Identification	Type	LCOS-FT-PE-350-DP-03-1
	Part-No.	780403.350.1

Description	LCOS function carrier 35 mm with integrated power bus and data module Modular expandable, integrated PE contact
--------------------	---

Use/Application/Properties	
Description	Function carrier 35 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

Part-No. 780403.350.1

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

Contact material CuZn

Slots

Slots 1 × 35mm

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) 35.0 × 28.0 × 110.0 mm

Weight 0.040 kg/piece

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

Approvals UL
GL

PU 1 piece

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

25.08.2017 – Subject to technical modification

Part-No. 780403.350.1

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

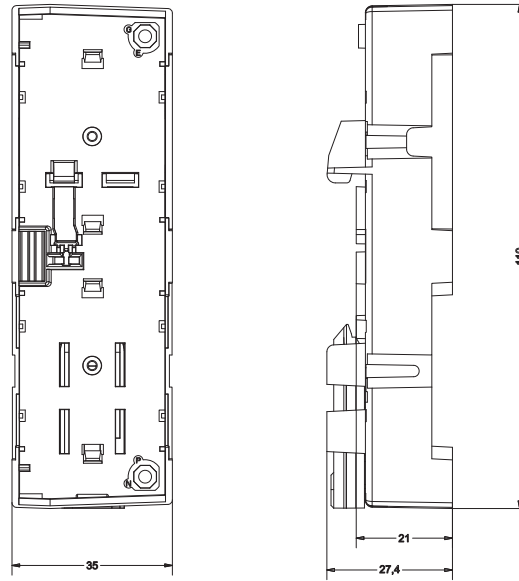
www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

Technical data sheet · Load monitoring

Dimensions



25.08.2017 – Subject to technical modification

Part-No. 780403.350.1

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

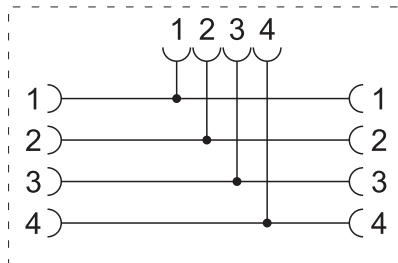
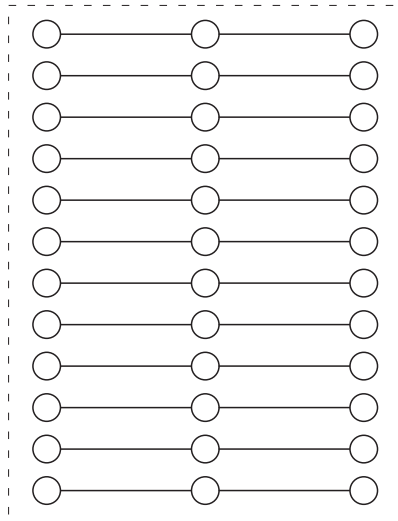
Tel. +44 (0)1827 31333-0 · Fax +44 (0)1827 31333-2

www.lutze.com · sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

PIN assignment



25.08.2017 – Subject to technical modification

Part-No. 780403.350.1

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



SYSTEMATIC TECHNOLOGY