

Technical data sheet

Modular housing system · LCOS Modular housing system

PROFINET Function carrier with feed AC 230 V, integrated PE contact

Data bus 12-pole, Powerbus AC 230 V, 2 × 32 A

Control voltage connection: DC 24 V



Identification

Type LCOS-FTE-PE-575-PN-01-1-L
Part No. [780731.575.1](#)

Product version

Datasheet version 03

Description

System Components Function carrier with fieldbus
Description Function carrier 22.5 mm, with supply AC 230 V, 2×RJ45, with PE direct contact, ready for connection

Electrical data Power Bus

Operating voltage max. AC 230 V
Operating current max. AC/DC 32 A
Voltage drop <80 mV
Connection type Spring terminal 3×16 mm², 3×10 mm² with AE
Connection type Spring terminal 3×AWG 6, 3×AWG 8 with AE

Electrical data supplementary supply

Operating voltage DC 18 V – DC 31.2 V
Rated voltage DC 24 V
Operating current max. DC 2 A
Protection device Polarity reversal protection

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

07.12.2023 • Subject to technical modification

Part No. [780731.575.1](#) • Datasheet version: 03

page 1 of 4

Technical data sheet

Modular housing system · LCOS Modular housing system

Connection type input	Spring terminal 2 × 2.5 mm ² (AWG 26 – AWG 14)
-----------------------	--

Field bus connection

Interface mechanical	2xRJ45 bush with galvanic isolation 1.5 kV
Status indication	Link, activity

Slots

Slots	1 × LCOS function housing 22.5 mm
-------	-----------------------------------

General

Housing material	PA 6.6 (UL 94 V-0, NFF I2, F2)
Color of the housing	pebble grey
Mounting	DIN rail mountable TS35 (EN 60715)
Max. altitude operation	2000 m max.
Installation position	Vertical
MTBF	on request
Protection class	I
Degree of protection	IP20 (EN 60529)
Dimensions (w × h × d)	57.5 mm × 110.0 mm × 46.0 mm
Weight/unit	0.25 kg
PU (units)	1

General ambient conditions

Operation temperature range	-25 °C ... +55 °C
Storage temperature range	-40 °C ... +85 °C
Over voltage category	II
Degree of pollution	2
Relative air humidity	10 % – 95 %, without condensation
Vibration resistance	0.7 g acc. to EN 60068-2-6
Shock resistance	15 g 11 ms acc. to IEC 60068-2-27

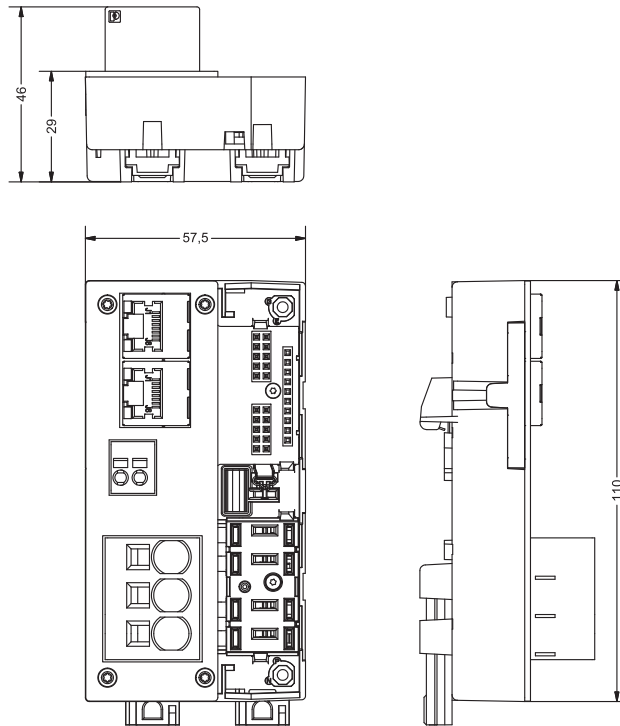
Certifications/Standards

Conformity	CE UKCA
Certifications	cULus (E170585) DNV (TAA00002SY)
Standards	EN 61000-6-2 EN 61000-6-4 UL 61010-1 UL 61010-2-201 DNV-CG-0339

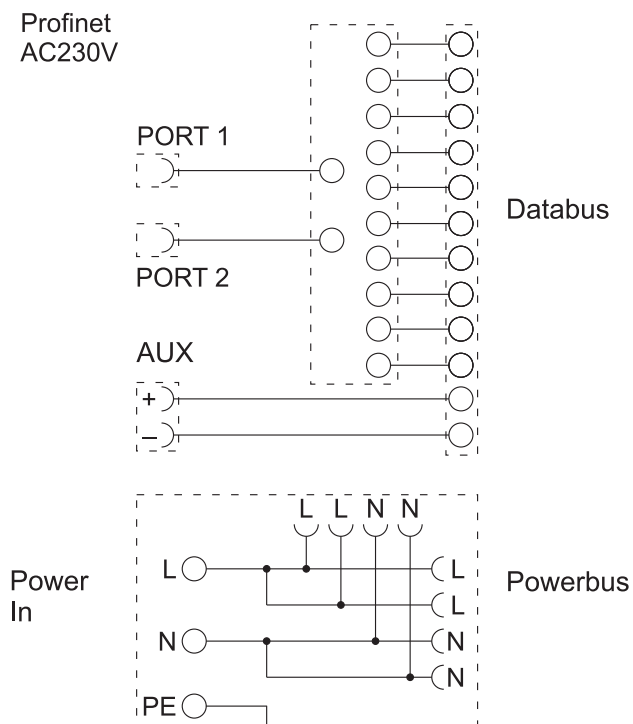
Technical data sheet

Modular housing system · LCOS Modular housing system

Dimensions



PIN assignment

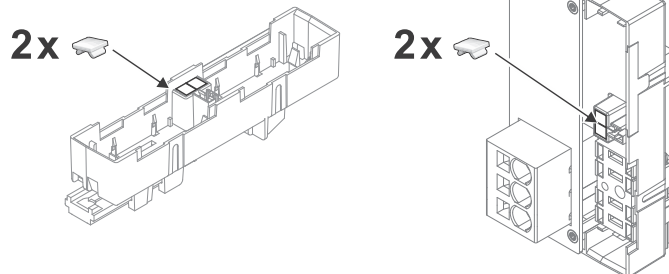


Technical data sheet

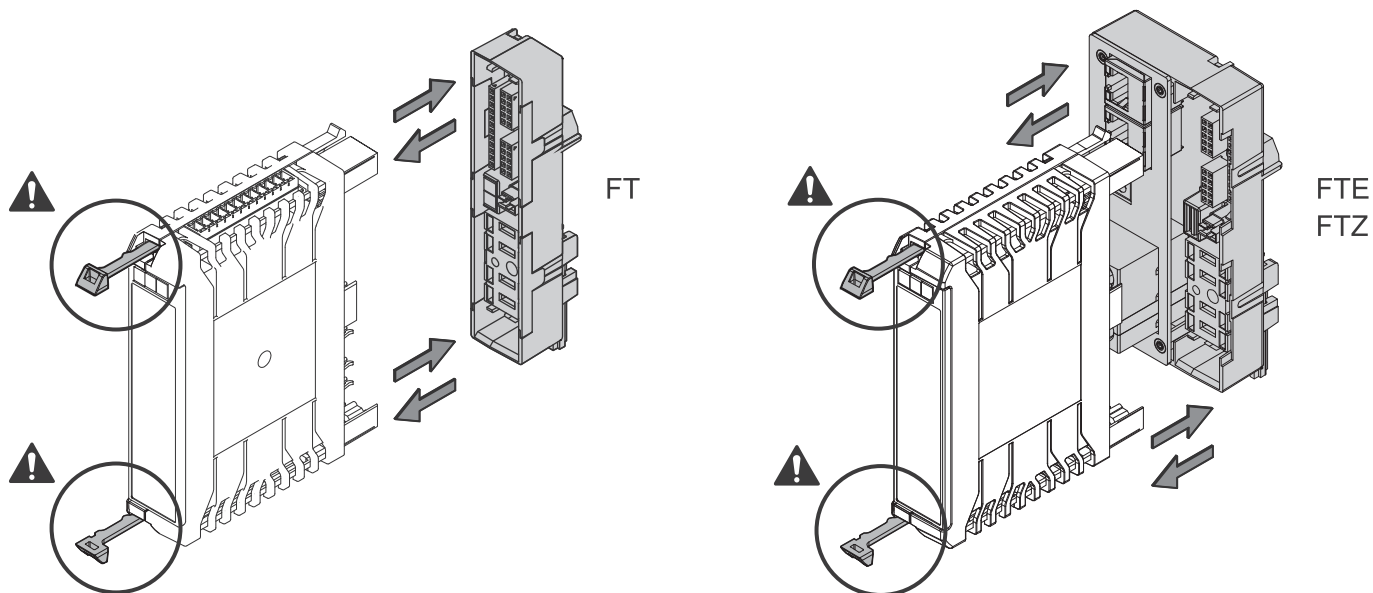
Modular housing system · LCOS Modular housing system

Use

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

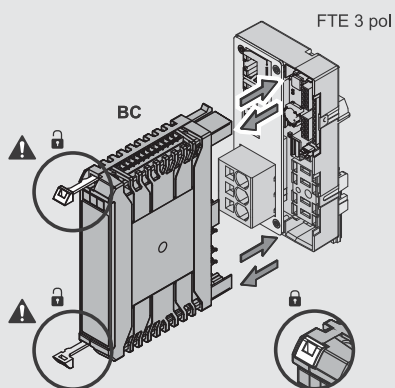


Use



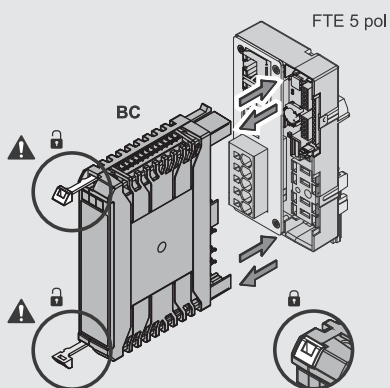
Use

LCOS CCI system



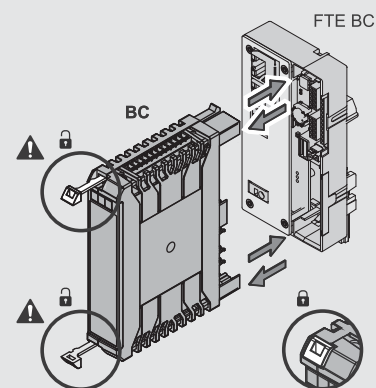
max. DC 48V
780713.575.1 LCOS-FTE-PE-575-UN-00-1-L

AC230V
780731.575.1 LCOS-FTE-PE-575-PN-01-1-L
780741.575.1 LCOS-FTE-PE-575-EC-01-1-L
780771.575.1 LCOS-FTE-PE-575-ETIP-01-1-L



AC500V
780732.575.1 LCOS-FTE-PE-575-PN-02-1-L
780742.575.1 LCOS-FTE-PE-575-EC-02-1-L
780772.575.1 LCOS-FTE-PE-575-ETIP-02-1-L

LOCC-Box Net system



780714.575.1 LCOS-FTE-PE-575-UN-04-1-L