

FPP-5000-TI13 LSN Communication Interface for FPP-5000

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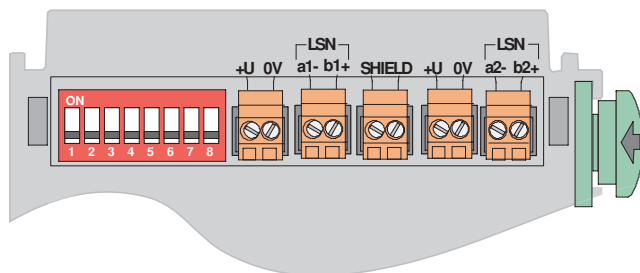
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Invented for life



- ▶ Extends FPP-5000 functionality
- ▶ Line monitoring of all voltage outputs according to EN 54-13
- ▶ Distinct fault detection, diagnosis and transmission to the panel
- ▶ Programmable voltage outputs

The module is an extension for the External Power Supply Unit Kit. It is the communication interface between the kit and the panel.

System overview



Labeling	Connection
+U/0V	1x auxiliary power supply incoming (connection terminals for looping through) 1x auxiliary power supply outgoing (connection terminals for looping through)
a1-/b1+	LSN incoming
SHIELD	Shield wire
a2-/b2+	LSN outgoing

Functions

The FPP-5000-TI13 LSN Communication Interface is an extension for the FPP-5000 External Power Supply Unit Kit only. It is the communication interface between the FPP-5000 and the panel, and transmits the following faults to the panel:

- Mains fault
- Battery fault
- Battery internal resistance fault
- BCM-0000-B Battery Controller Module fault
- Short 24 V outputs
- Ground fault

Additionally, with the FSP-5000-RPS programming software, the switching outputs can be programmed and the settings for the line monitoring according to EN 54-13 can be done.

The module is plugged next to the BCM-0000-B on the PRS-0002-C Panel Rail Short and is power-supplied by the panel rail via the module bus (MOB). The module's front side shows 4 LEDs, which indicate the operation and fault status.

Certifications and approvals

Region	Certification	
Germany	VdS	G 205050 FPP-5000
Europe	CE	FPP-5000
	CPD	0786-CPR-20357 FPP-5000

Installation/configuration notes

- Note that for compliance with EN 54-2, the maximum of FPP-5000-TI13 per LSN loop is 10.

Parts included

Quant.	Component
1	Module
2	EOL

Technical specifications

Input voltage LSN	15 V DC to 33 V DC
Current consumption	
• From rail at 24 V DC	13.2 mA
• From LSN	3.25 mA
Maximum wire gauge	0.2 mm ² bis 1.5 mm ²
Permissible operating temperature	-5 °C to +50 °C
Permissible storage temperature	-20 °C to +85 °C
Protection category (IEC 60529)	IP 20
Maximum relative humidity	95 % (non-condensing)
Housing material	ABS plastic, (UL94 V-0)
Housing color	semi-gloss anthracite, RAL 7016
Weight	approx. 154 g
Dimensions	approx. 127 x 96 x 60 mm
Address setting	8 DIP switches

Ordering information

FPP-5000-TI13 LSN Communication Interface for FPP-5000

Use with External Power Supply Unit Kit as communication interface between kit and panel (FPA-5000/FPA-1200 EN54-13).

Order number **FPP-5000-TI13**

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