



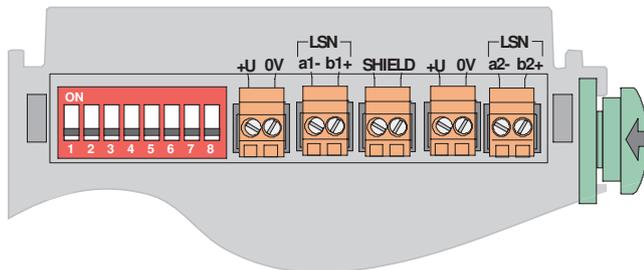
FPP-5000-TI13 LSN Communication Interface for FPP-5000



- ▶ **FPP-5000 functions when using the module:**
- ▶ **Line monitoring of all voltage outputs according to EN54-13**
- ▶ **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



Terminals	Description
+U/0V	Auxiliary power 1x incoming und 1x outgoing (support for looping through)
a1-/b1+	LSN incoming
SHIELD	Shield wire
a2-/b2+	LSN outgoing

Functions

The module is plugged next to the BCM-0000-B Battery Controller Module on the PRS 0002 A 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.

The module transmits the following faults to the panel:

- Mains fault
- Battery fault
- Battery internal resistance fault
- BCM Battery Controller Module fault
- Ground fault

Additionally, with the programming software, the switching outputs can be programmed and the settings for the line monitoring according to EN54-13 can be done.

Parts Included

Quant.	Component
1	Module
2	Termination element

Technical Specifications

Electrical

Input voltage	15 VDC to 33 VDC
Current consumption	
<ul style="list-style-type: none"> From rail 24 VDC From LSN 	13.2 mA 3.25 mA
Max. wire gauge	0.2 mm ² to 1.5mm ²

Mechanics

Address setting	with 8 DIP switches
Housing material	ABS plastic (UL94 V-0)
Housing color	semi-gloss anthracite, RAL 7016
Weight	approx. 154 g
Dimensions (W x H x D)	approx. 127 x 96 x 60 mm

Environmental conditions

Protection category IEC 60529	IP 20
Permissible operating temperature	-5 °C to 50 °C
Permissible storage temperature	-20 °C to +85 °C
Max. relative humidity	95 % (non-condensing)

Ordering Information

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

Use with External Power Supply Unit Kit as communications interface between kit and panel

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