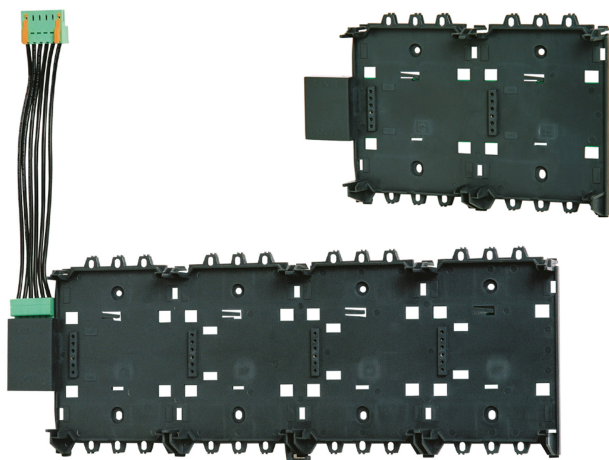




Panel Rails



- ▶ Plug-and-play rails
- ▶ Adequate for two or four modules

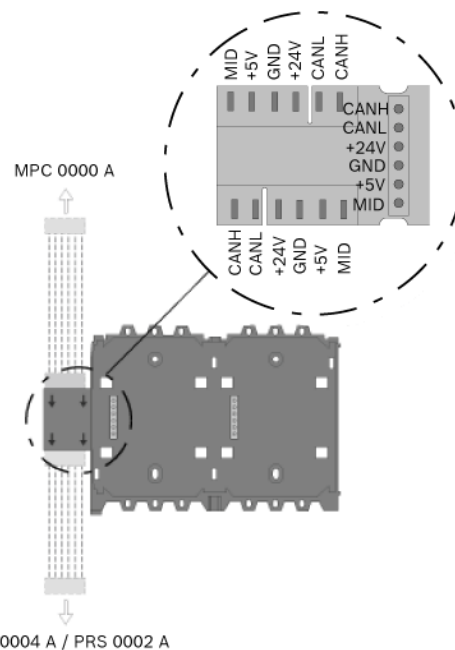
The PRS 0002 A Panel Rail Short and the PRD 0004 A Panel Rail Long are plug-and-play rails made from glass-fiber-reinforced plastic for two or four modules. The power supply for both modules and all the data traffic between the module and the Control Panel are achieved via the plug contacts in the rail.

Functions

PRS 0002 A Panel Rail Short

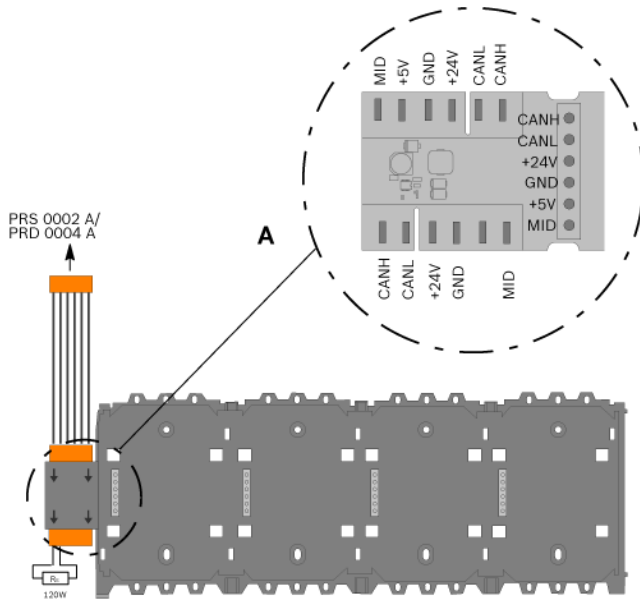
Due to its hidden position behind the Operating and Display Unit with Panel Controller, the PRS 0002 A Panel Rail Short is intended for mounting of the following modules without operating and display elements:

- BCM 0000 A Battery Controller Module
 - IOS 0020 A and IOS 0232 A Communication Modules
- The two modules on the short rail are supplied with voltage (+5 V/GND) directly from the MPC Panel Controller.



PRD 0004 A Panel Rail Long

The PRD 0004 A Panel Rail Long has four module slots. The panel rails are supplied with voltage via the BCM 0000 A Battery Controller Module and have an integrated DC/DC voltage converter for the 5 V module operating voltage.



Weight

- PRS 0002 A Approx. 135 g (4.8 ounces)
- PRD 0004 A Approx. 320 g (11.3 ounces)

Environmental conditions

Permissible operating temperature -5 °C ... 50 °C (23 °F ... 122 °F)

Permissible storage temperature -20 °C ... 60 °C (-4 °F ... 140 °F)

Ordering Information

PRS 0002 A Panel Rail Short for up to 2 modules	PRS 0002 A
PRD 0004 A Panel Rail Long for up to 4 modules	PRD 0004 A

Parts Included

Type	Qty.	Components
PRS 0002 A	1	Panel Rail Short, for 2 modules
PRD 0004 A	1	Panel Rail Long, for 4 modules
	1	Data transmission cable

Technical Specifications

Electrical

Input voltage +5 V DC via MPC
+24 V DC via BCM 0000 A

Output voltage

- PRS 0002 A +5 V DC via DC/DC converter
+24 V DC via BCM 0000 A
- PRD 0004 A +5 V DC via BCM 0000 A
+24 V DC via BCM 0000 A

Mechanics

Material ABS plastic, Polylac PA-766 (UL94 V-0)

Color Satin finish, anthracite, RAL 7016

Dimensions

- PRS 0002 A Approx. 146 x 216 x 35 mm
(5.7 x 8.5 x 1.4 inches)
- PRD 0004 A Approx. 146 x 396 x 35 mm
(5.7 x 15.6 x 1.4 inches)

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