Panel Rails

The Panel Rail Short and the 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**

The panel rails are supplied with 24 V via the BCM-0000-B Battery Controller Module and have an integrated DC/DC converter generating 5 V operating voltage required by the modules.

**PRS-0002-C Panel Rail Short**

The Panel Rail Short has two module slots. Due to its hidden position behind the Operating and Display Unit with Panel Controller, the Panel Rail Short is intended for mounting of the following modules without operating and display elements:

- BCM-0000-B Battery Controller Module
- IOS 0020 A and IOS 0232 A Communication Modules
PRD 0004 A Panel Rail Long
The Panel Rail Long has four module slots.

PRS-0002-C Panel Rail Short
Provides slots for up to 2 modules.
Order number PRS-0002-C

Parts included

<table>
<thead>
<tr>
<th>Type</th>
<th>Qt.</th>
<th>Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRS-0002-C</td>
<td>1</td>
<td>Panel Rail Short, for 2 modules</td>
</tr>
<tr>
<td>PRD 0004 A</td>
<td>1</td>
<td>Panel Rail Long, for 4 modules</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Data transmission cable</td>
</tr>
</tbody>
</table>

Technical specifications

Electrical

<table>
<thead>
<tr>
<th>Input voltage</th>
<th>24 V DC via BCM-0000-B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output voltage</td>
<td>• 24 V DC via BCM-0000-B</td>
</tr>
<tr>
<td></td>
<td>• 5 V DC via DC/DC converter</td>
</tr>
</tbody>
</table>

Mechanics

<table>
<thead>
<tr>
<th>Material</th>
<th>ABS plastic, Polylac PA-766 (UL94 V-0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Satin finish, anthracite, RAL 7016</td>
</tr>
</tbody>
</table>

Environmental conditions

<table>
<thead>
<tr>
<th>Permissible operating temperature</th>
<th>-5 °C to 50 °C (23 °F to 122 °F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permissible storage temperature</td>
<td>-20 °C to 60 °C (-4 °F to 140 °F)</td>
</tr>
</tbody>
</table>

Ordering information

PRD 0004 A Panel Rail Long
for up to 4 modules
Order number PRD 0004 A
Represented by:

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