Modular Electronic Housing
ME for Mounting Rail Bus

COMBICON Select
For further data (2D/3D) see page 14 or http://select.phoenixcontact.com

Dimensional drawing ME... TBUS...

General
The familiar ME housings with a constructional width of 17.5 and 35 mm can as of now be combined with new ME 17.5 TBUS... bus connectors for DIN rail mounting. These 5-position bus connectors, pitch 3.81 mm, are simply pushed into the DIN rail and plugged together. The communication and power signals are contacted to each other. The devices can then be subsequently swiveled on in the usual manner. The housing is mechanically guided by the DIN rail connector. When an individual device is unplugged from the entirety, the signal chain is not interrupted. Owing to the position of the plug deep inside the mounting rail, more assembly space is available on the printed circuit board for identical external dimensions. An extensive MINI COMBICON range and convenient cable housings are available for supplying the signals.

The familiar advantages of the housings, such as fixed or pluggable connection terminal blocks, either spring-cage or screw-type, and the practical range of accessories, round off the product family.

The advantages at a glance:
- 5-position parallel through-contacting,
- Simple to remove or exchange individual modules from the whole, without interrupting the signal chain,
- Transmission of communication or power signals (125 V, max. 8 A),
- High contact quality with gold-plated contacts,
- Mounting in NS 35/7.5 or NS 35/15 standard mounting rails,
- Enlarged printed circuit board assembly area,
- Extensive range of plug accessories for supplying signals,
- Wiring either with printed circuit terminal blocks (MKDSO) or with plug connection system (MSTBO) in combination with screw or spring-cage plugs.

Important note:
Only actuate the bus connector when under no load condition. If for operating reasons small loads must be switched, experimental values are available upon request.

Printed circuit board connection system
see page 326

Printed circuit board dimensions
see page 353

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order No.</th>
<th>Pcs.</th>
<th>Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing base, open</td>
<td>ME 17.5 UT TBUS</td>
<td>27 09 51 6</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Housing base, closed</td>
<td>ME 17.5 UTG TBUS</td>
<td>27 09 52 9</td>
<td>10</td>
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<tr>
<td>Housing base, open</td>
<td>ME 35 UT TBUS</td>
<td>27 09 53 2</td>
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<tr>
<td>Housing base, closed</td>
<td>ME 35 UTG TBUS</td>
<td>27 09 54 5</td>
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<td></td>
</tr>
<tr>
<td>Housing, upper part set</td>
<td>ME 17.5 TBUS 1,5/5-ST-3,81</td>
<td>27 09 56 1</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Housing: upper part set, complete with COMBICON headers and screw connectors for full equipment</td>
<td>ME 17.5 OT-MSTBO SET</td>
<td>29 07 43 1</td>
<td>10</td>
<td></td>
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<tr>
<td>Housing: upper part set, complete with printed circuit terminal blocks for full equipment</td>
<td>ME 17.5 OT-MKDSO SET</td>
<td>29 07 46 0</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

Ordering example:
ME 35 for mounting rail bus and plug connection system consisting of:
1 x housing: base
ME 35 UT TBUS GN
Order No. 27 09 53 2

2 x bus connector for DIN rail mounting
ME 17.5 TBUS 1,5/5-ST-3,81
Order No. 27 09 56 1

For information about the power loss, see page 320.