Flexible - More flexible - Profilform
Modular housings in profile form - the flexible modular system comprising coloured and transparent plastic profiles and carrier modules
The combination of standard pitches mounted side by side in any arrangement and metre goods cut accurate to the millimetre creates the perfect balance between flexibility and economic efficiency:
• Pitch profiles with standard widths ranging from 5mm to 45mm allow the mounting of all standard PCB formats.
• Variable heights ensure maximum component density, even with larger electronics components.
• The different installation variations mean that mounting the enclosure directly is as easy as clipping components onto the terminal rail
• Solid hoods protect the module reliably from external influences

The recipe for success: variable profile + modular form components = flexible enclosure concept that offers a large surface area for the PCBs.
The modular concept is designed for modules with high space requirements and suitable for small component quantities and different widths.

General ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>AP 100 OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order No.</td>
<td>1185060000</td>
</tr>
<tr>
<td>Version</td>
<td>End plate, RS 100 Orange, End plate, Width: 27.2 mm</td>
</tr>
<tr>
<td>GTIN (EAN)</td>
<td>4008190003586</td>
</tr>
<tr>
<td>Qty.</td>
<td>20 pc(s).</td>
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</table>
**RS 100**  
**AP 100 OR**

---

### Technical data

#### Dimensions and weights

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
<th>Conversion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>108.2 mm</td>
<td>4.26 inch</td>
</tr>
<tr>
<td>Width</td>
<td>27.2 mm</td>
<td>1.071 inch</td>
</tr>
<tr>
<td>Height</td>
<td>23.8 mm</td>
<td>0.937 inch</td>
</tr>
<tr>
<td>Net weight</td>
<td>7.054 g</td>
<td></td>
</tr>
</tbody>
</table>

#### System characteristics

- **Version**: End plate
- **Contact to terminal rail**: No
- **Protection degree**: IP20
- **Cross-connection**: No
- **Encapsulation option**: No

#### Material data

- **Insulating material**: PA 66
- **Colour**: Orange
- **Colour chart (similar)**: RAL 2000
- **CTI**: ≥ 600
- **UL 94 flammability rating**: V-2
- **Storage temperature, min.**: -25 °C
- **Max. relative humidity during storage**: 80 %
- **Operating temperature, min.**: -50 °C
- **Operating temperature, max.**: 100 °C
- **Temperature range, installation, min.**: -25 °C
- **Temperature range, installation, max.**: 100 °C

#### Classifications

- **ETIM 3.0**: EC000886
- **ETIM 6.0**: EC001031
- **eClass 5.1**: 27-14-11-33
- **eClass 7.1**: 27-14-11-33
- **eClass 9.0**: 27-14-11-33
- **ETIM 5.0**: EC000886
- **ETIM 5.0**: UNSPSC 30-21-18-27
- **eClass 6.2**: 27-14-11-33
- **eClass 8.1**: 27-14-11-33
- **eClass 9.1**: 27-18-27-90

#### Notes

3 heights are available for the cover profile and the end plates:
- TS mounting without cover: TS 32 = 45 mm, TS 35x7.5 = 40.5 mm
- TS mounting with low cover: TS 32 = 89 mm, TS 35x7.5 = 84.5 mm
- TS mounting with high cover: TS 32 = 121 mm, TS 35x7.5 = 116.5 mm

Dimensions of the PCB
- Thickness: 1.6 (±0.2) mm, width: 100 (+0.5) mm
- Dimension of RS section = PCB length - 4.5 mm
- Dimension of ADP section = PCB length - 1 mm

Example:
- PCB length 160 mm, RS = 155.5 mm, ADP = 159 mm

#### Approvals

- **Approvals**: ME25
- **ROHS**: Conform

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*Creation date April 19, 2018 6:15:02 PM CEST*

*Catalogue status 06.04.2018 / We reserve the right to make technical changes.*
RS 100
AP 100 OR

Technical data

Downloads

Brochure/Catalogue
FL ANALO SIGN CONV_EN
MB DEVICE MANUF_EN
CAT 2 PORTFOLIOGUIDE EN
FL MACHINE SAFETY EN
FL 72H SAMPLE SER_EN
PO OMNIMATE EN

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