

**RS 90  
AP 90 OR****Weidmüller Interface GmbH & Co. KG**

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**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**

|            |                                                            |
|------------|------------------------------------------------------------|
| Type       | AP 90 OR                                                   |
| Order No.  | <a href="#">1961880000</a>                                 |
| Version    | Electronics housings, RS 90 Orange, End plate, Width: 5 mm |
| GTIN (EAN) | 4032248642434                                              |
| Qty.       | 20 pc(s).                                                  |

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**Technical data**
**Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Length     | 84.4 mm | Length (inches) | 3.323 inch |
| Width      | 5 mm    | Width (inches)  | 0.197 inch |
| Height     | 16.9 mm | Height (inches) | 0.665 inch |
| Net weight | 2.45 g  |                 |            |

**System characteristics**

|                          |           |                   |      |
|--------------------------|-----------|-------------------|------|
| Version                  | End plate | Cross-connection  | No   |
| Contact to terminal rail | No        | Protection degree | IP20 |
| 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 |
| Storage temperature, max.             | 55 °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 5.0   | EC000886    | ETIM 6.0   | EC000886    |
| UNSPSC     | 30-21-18-01 | eClass 6.2 | 27-18-09-90 |
| eClass 7.1 | 27-14-11-33 | eClass 8.1 | 27-14-11-33 |
| eClass 9.0 | 27-14-11-33 | eClass 9.1 | 27-14-11-33 |

**Notes**

## Notes

Descriptive text technical data

**Dimensions of the PCB:**
**Thickness: 1.6 (± 0.2) mm, width: 79.8 (+0.2) mm**
**Dimension of RS section = PCB length - 4.5 mm**
**Example:**
**PCB length 160 mm, RS section = 155.5 mm**
**Approvals**

## Approvals



ROHS

Conform

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## Drawings

