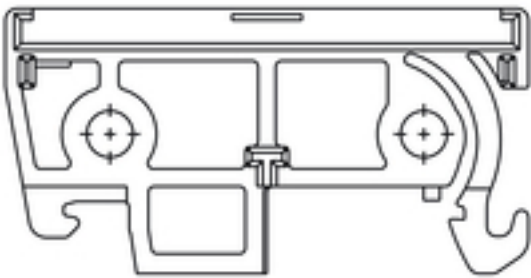


**RS 45**  
**AP 45/RE DI GR**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com


**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 45/RE DI GR
Order No.	<a href="#">8140860000</a>
Version	Electronics housings, RS 45 Pebble grey, End plate, Width: 8 mm
GTIN (EAN)	4008190169305
Qty.	20 pc(s).

# Data sheet

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## Technical data

### Dimensions and weights

Length	45 mm	Length (inches)	1.772 inch
Width	8 mm	Width (inches)	0.315 inch
Height	22.9 mm	Height (inches)	0.902 inch
Net weight	0.003 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	Pebble grey
Colour chart (similar)	RAL 7032	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 3.0	EC000886	ETIM 5.0	EC000886
ETIM 6.0	EC001031	UNSPSC	30-21-18-27
eClass 5.1	27-14-11-33	eClass 6.2	27-14-92-14
eClass 7.1	27-14-11-33	eClass 8.1	27-14-11-33
eClass 9.0	27-18-27-90	eClass 9.1	27-18-27-90

### Notes

Notes

Descriptive text technical data

**3 heights are available for the cover profile and the end plates:**

**TS mounting: TS 32 = 45 mm, TS35x7.5 = 40.5 mm**

**Direct mounting: 24 mm**

**Dimensions of the PCB:**

**Thickness: 1.6 (±0.2) mm, width: 42 (+0.5) mm**

**Dimension of the RS section = length of the printed circuit board - 4.5 mm**

**Dimension of ADP section = PCB length - 1 mm**

**Example:**

**PCB length 160 mm, RS section = 155.5 mm, ADP section = 159 mm**

### Approvals

Approvals



ROHS

Conform

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www.weidmueller.com**Technical data****Downloads**

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Brochure/Catalogue	<a href="#">FL ANALO.SIGN.CONV. EN</a> <a href="#">MB DEVICE MANUF. EN</a> <a href="#">CAT 2 PORTFOLIOGUIDE EN</a> <a href="#">FL MACHINE SAFETY EN</a> <a href="#">FL 72H SAMPLE SER EN</a> <a href="#">PO OMNIMATE EN</a>
Engineering Data	<a href="#">EPLAN</a>

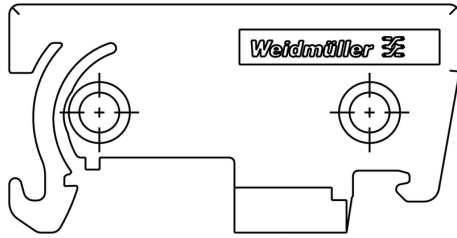
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**Drawings**



DIRECT MOUNTING

