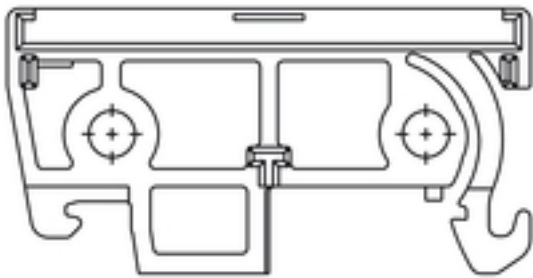


RS 45 AP 45/LI GR 2025

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 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/LI GR 2025
Order No.	8143910000
Version	Electronics housings, RS 45 Pebble grey, End plate, Width: 8 mm
GTIN (EAN)	4008190003111
Qty.	20 pc(s).

RS 45 AP 45/LI GR 2025

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

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	2.215 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	Comparative Tracking Index (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 6.0	EC001031	ETIM 7.0	EC001031
eClass 9.0	27-18-27-90	eClass 9.1	27-18-27-90
eClass 10.0	27-18-27-92	UNSPSC	30-21-18-27

Product information

Product information

3 heights are available for the cover profile and the end plates:
 TS mounting: TS 32 = 45mm, TS 35x7,5 = 40.5mm
 Direct mounting: 24mm
 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 - 4.5mm
 Dimension of ADP section = PCB length - 1mm
 Example:
 PCB length 160mm, RS section = 155,5mm, ADP section = 159mm

Approvals

Approvals



ROHS

Conform

Data sheet**RS 45**
AP 45/LI GR 2025**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com**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
Engineering Data	EPLAN
Engineering Data	STEP

Data sheet

**RS 45
AP 45/LI GR 2025**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Drawings

RAIL MOUNTING

