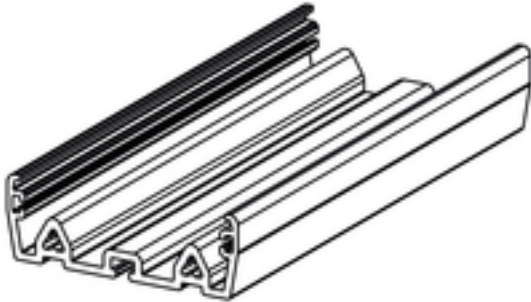


**RS 45**  
**PF RS 45 GR 2000MM**

**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	PF RS 45 GR 2000MM
Order No.	<a href="#">4027750000</a>
Version	Electronics housings, RS 45 Pebble grey, Extruded profile, Width: 45 mm
GTIN (EAN)	4008190209926
Qty.	2 m

**RS 45**  
**PF RS 45 GR 2000MM**

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

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

Length	2,000 mm	Length (inches)	78.74 inch
Width	45 mm	Width (inches)	1.772 inch
Height	25 mm	Height (inches)	0.984 inch
Net weight	239.5 g		

**System characteristics**

Version	Extruded profile	Number of PCBs per module	1
PCB thickness	1.6 mm	Tolerance for the PCB shape	±0.2
Cross-connection	No	Contact to terminal rail	No
Protection degree	IP20	Encapsulation option	No

**Material data**

Insulating material	PVC	Colour	Pebble grey
Colour chart (similar)	RAL 7032	CTI	≥ 600
UL 94 flammability rating	V-0	Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C	Max. relative humidity during storage	80 %
Operating temperature, min.	-50 °C	Operating temperature, max.	60 °C
Temperature range, installation, min.	-25 °C	Temperature range, installation, max.	60 °C

**Classifications**

ETIM 3.0	EC001284	ETIM 5.0	EC002848
ETIM 6.0	EC002779	UNSPSC	30-21-18-01
eClass 6.2	27-14-11-43	eClass 7.1	27-14-92-14
eClass 8.1	27-14-92-14	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**

ROHS Conform

**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](#)

Creation date May 28, 2019 3:33:30 PM CEST

Catalogue status 23.05.2019 / We reserve the right to make technical changes.

**Data sheet**

**RS 45**  
**PF RS 45 GR 2000MM**

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

**Drawings**

