Weidmüller ⹃Ξ

PF RS 80 GR 2000MM

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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

Version	Mounting rail housing, RS 80 Pebble grey, Extruded profile, Width: 2000 mm
Order No.	4183130000
Type	PF RS 80 GR 2000MM
GTIN (EAN)	4008190235178
Qty.	2 m

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Technical data

Dimensions and weights

Depth	15.7 mm	Depth (inches)	0.618 inch
Height	84 mm	Height (inches)	3.307 inch
Width	2,000 mm	Width (inches)	78.74 inch
Net weight	412.5 g		

Material data

Insulating material	PVC	UL 94 flammability rating	V-0

General data

Colour	Pebble grey	Colour chart (similar)	RAL 7032
Encapsulation option	No	Protection degree	IP20 in installed state

Classifications

ETIM 7.0	EC002779	ETIM 8.0	EC002779
ETIM 9.0	EC002779	ECLASS 11.0	27-18-27-92
ECLASS 12.0	27-18-27-92	ECLASS 13.0	27-19-06-01

Important note

Product information	3 heights are available for the cover profile and the end plates:
	TS mounting without cover: TS 32 = 45 mm, TS35x7.5 = 40.5 mm
	TS mounting with low cover: TS 32 = 72 mm, TS 35x7.5 = 67.5 mm
	TS mounting with high cover: TS 32 = 91 mm, TS 35x7.5 = 86.5 mm
	Direct mounting, without/low/high cover: 17 / 44 / 63 mm
	Dimensions of the PCB:
	Thickness: 1.6 (±0.2) mm, width: 67.8 (+0.2) mm
	Dimension of the RS section = length of the printed circuit board – 4.5 mm
	Dimension ADP section = PCB length - 2 mm
	Example:
	PCB length 160 mm, RS section = 155.5 mm, ADP section = 158 mm

Approvals

ROHS	Conform

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL ANALO.SIGN.CONV. EN
	MB DEVICE MANUF. EN
	FL MACHINE SAFETY EN
	FL 72H SAMPLE SER EN
	PO OMNIMATE EN
	PO OMNIMATE EN

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Drawings

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