

RS 80
PF RS 80 OR 2000MM**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	PF RS 80 OR 2000MM
Order No.	4157440000
Version	Electronics housings, RS 80 orange, Extruded profile, Width: 84 mm
GTIN (EAN)	4008190225537
Qty.	2 m

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Technical data

Dimensions and weights

Length	2,000 mm	Length (inches)	78.74 inch
Width	84 mm	Width (inches)	3.307 inch
Height	15.7 mm	Height (inches)	0.618 inch
Net weight	210 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 code	orange
Colour chart (similar)	RAL 2000	CTI	≥ 600
UL 94 flammability rating	V-0	Storage temperature, min.	-25 °C
Storage temperature, max.	70 °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

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Descriptive text technical data

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 RS section = PCB length - 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
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Downloads

Brochure/Catalogue

[FL ANALO.SIGN.CONV. EN](#)
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[FL MACHINE SAFETY EN](#)
[FL 72H SAMPLE SER EN](#)
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Drawings

