

RS 100 PF RS 100 BK SET 160mm

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 100 BK SET 160mm
Order No.	1062430000
Version	Electronics housings, RS 100 black, Extruded profile, Width: 104 mm
GTIN (EAN)	4032248812745
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Length	160 mm	Length (inches)	6.299 inch
Width	104 mm	Width (inches)	4.094 inch
Height	19.5 mm	Height (inches)	0.768 inch
Net weight	121 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	black
Colour chart (similar)	RAL 9011	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 5.0	EC002848	ETIM 6.0	EC002779
eClass 6.2	27-14-92-14	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 = 89 mm, TS 35x7.5 = 84.5 mm****TS mounting with high cover: TS 32 = 121 mm, TS 35x7.5 = 116.5 mm****Direct mounting, without/low/high cover: 24 / 69 / 99 mm****Dimensions of the PCB****Thickness: 1.6 (±0.2) mm, width: 100 (+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 = 155.5 mm, ADP = 159 mm****Approvals**

ROHS	Conform
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Data sheet**RS 100**
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Brochure/Catalogue

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Drawings

