Data sheet

PF RS 80 GR 2000MM

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

The RS 100 Profi offers you a flexible solution for your mounting needs, as both DIN rail mounting and wall mounting are possible. This versatility facilitates integration into different environments and applications. The housing can be used for the Eurocard PCB standard.
The profile can be cut to size so that you can adapt it precisely to your specific requirements. For particularly heavy components, additional locking feet can be used to improve stability and thus increase the safety of your installation.
Another practical feature is the option of using a cover profile to protect large components.

General ordering data

Version	Profile 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

Approvals

ROHS	Conform

Dimensions and weights

Depth	15.7 mm	Depth (inches)	0.6181 inch
Height	84 mm	Height (inches)	3.3071 inch
Width	2000 mm	Width (inches)	78.74 inch
Net weight	412.5 g		

Temperatures

Operating temperature	-15 °C...40 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

UL 94 flammability rating	V-0	Insulating material	PVC
Surface finish	untreated	Basic material	PVC

General data

Colour	Pebble grey	Protection degree	IP00
Colour chart (similar)	RAL 7032	Encapsulation option	No

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

Classifications

ETIM 8.0	EC002779	ETIM 9.0	EC002779
ETIM 10.0	EC002779	ECLASS 14.0	27-19-06-01
ECLASS 15.0	27-19-06-01		

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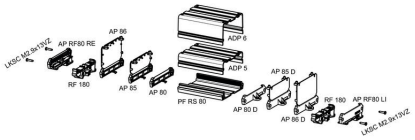
Drawings



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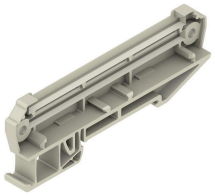
Accessories

AP RF 80 LI - End plate DIN rail mounting left side



The RS 100 Profi offers you a flexible solution for your mounting needs, as both DIN rail mounting and wall mounting are possible. This versatility facilitates integration into different environments and applications. The housing can be used for the Eurocard PCB standard. The profile can be cut to size so that you can adapt it precisely to your specific requirements. For particularly heavy components, additional locking feet can be used to improve stability and thus increase the safety of your installation.
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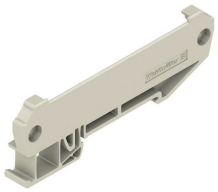
General ordering data

Type	AP RF 80 LI 2025	Version
Order No.	8156210000	End plate, RS 80 Pebble grey, End plate DIN mounting rail left, Width:
GTIN (EAN)	4008190978198	30 mm
Qty.	20 ST	

AP RF 80 RE - End plate DIN rail mounting right side



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General ordering data

Type	AP RF 80 RE 2025	Version
Order No.	8156200000	End plate, RS 80 Pebble grey, End plate DIN mounting rail right,
GTIN (EAN)	4008190175740	Width: 30 mm
Qty.	20 ST	

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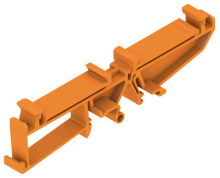
Accessories

RF 180 - Clip-in foot



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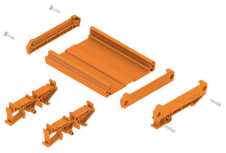
General ordering data

Type	RF 180 GR	Version
Order No.	1773400000	Clip-in foot, RS 80, RS 90, RS 100 Pebble grey, Clip-in foot for RS
GTIN (EAN)	4032248140602	80/90/100, Width: 17.5 mm
Qty.	20 ST	

RS 80 - Profile housing



The RS 80 profile offers you a wide range of mounting options, as both mounting rail and wall mounting are possible. This allows flexible adaptation to your spatial conditions and requirements. For particularly heavy components, additional locking feet can be used to improve stability.
Another advantage of the RS80 profile is that it can be individually cut to size. This gives you the freedom to design the system exactly according to your needs.

General ordering data

Type	LKSC M2,9X13VZ	Version
Order No.	4011200000	Accessories, Crosshead screw
GTIN (EAN)	4032248415014	
Qty.	100 ST	