

Product data sheet

Specifications



Meter board, Resi9, 3 rows, 18 modules, deep flush 100A

R9HMB318FD

Main

Range	Resi9
Product or component type	Enclosure
enclosure type	Enclosure for modular device
Device application	Distribution Metering
Number of 18 mm modules per row	18
Provided equipment	(1) earthing bar (6) neutral bar (3) DIN rail (1) enclosure (1) removable meter panel (5) grommet (3) pole filler (1) circuit identification label (1) neutral splitter (3) comb busbar (6) end cap
Type of front cover	Plain door
Colour	White (RAL 9003)
Door type	flat door - reversible

Complementary

Enclosure mounting	Flush
Number of horizontal rows	3
[Ue] rated operational voltage	230/400 V AC
[In] rated current	100 A
[Ui] rated insulation voltage	500 V
Number of ways	54 ways
Cable entry	knock-out cable entries top/bottom knock-out cable entries side
Type of rail	DIN
Enclosure material	Powder coated steel
Surface finish	Satin
Width	406 mm
Height	856 mm
Depth	165 mm
Product weight	14.1 kg

Environment

IP degree of protection	IP2X
-------------------------	------

IK degree of protection	IK07
-------------------------	------

Packing Units

Unit Type of Package 1	PCE
------------------------	-----

Number of Units in Package 1	1
------------------------------	---

Package 1 Height	22.6 cm
------------------	---------

Package 1 Width	42.3 cm
-----------------	---------

Package 1 Length	87.3 cm
------------------	---------

Package 1 Weight	10.3 kg
------------------	---------

Contractual warranty

Warranty (in months)	18
----------------------	----



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	148 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	95 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	5 kg CO2 eq.
Carbon footprint of the installation phase [A5]	3 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	16 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	29 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
--------	----

Use Again



Repack and remanufacture

Recyclability potential, in %	33
End of life manual availability	No need of specific recycling operations
Take-back	No

Offer Marketing Illustration

Product benefits / Features

Technical Benefits
Resi9 Meter board




150 mm space between rows allows for neater and easier cabling


Modern and consistent aesthetics across the offer


Cable tie points for clean and neat cable routing

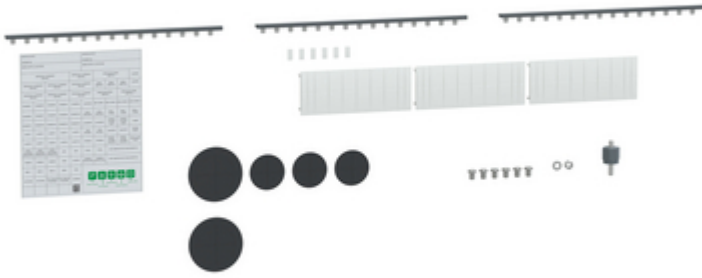

100 A rated neutral and earth terminal bars for solid capacity and performance


Reversible door assembly allows for flexible installation


Versatile installation with bottom and top meter mounting options

Image of product / Alternate images

Alternative



Technical Illustration

Assembly's dimensions

mm

