

Product datasheet

Specifications



MB Encapsulated distribution board,
Acti9, 24 poles, 160A main switch,
18mm, IP42, grey

MB224C31

Main

Range	Acti9
product name	Acti9 encapsulated DB
Device short name	MB
Product or component type	Distribution board
Device application	Distribution
Enclosure type	Standard
Door type	External plain
Provided equipment	pole filler circuit schedule card enclosure door removable gland plates keys SAU chassis 2 earth/neutral terminal block - top and bottom 165 A DIN rail main switch
Colour	Grey

Complementary

[Ue] rated operational voltage	415 V
Network frequency	50 Hz
[Ie] rated operational current	160 A
Breaking capacity	25 kA
[Ui] rated insulation voltage	500 V
[Uimp] rated impulse withstand voltage	6 kV
Enclosure mounting	Surface
Poles description	3P + N
Enclosure material	Steel
Outgoer Pole capacity	24 x 18 mm
Enclosure material	steel
Height	750 mm
Width	580 mm
Depth	235 mm
IP degree of protection	IP42

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	25 cm
Package 1 Width	60 cm
Package 1 Length	76.5 cm
Package 1 Weight	31 kg

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	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	161
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	REACH Declaration
China RoHS Regulation	China RoHS declaration

Use Again

Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No