

Product datasheet

Specifications



Distribution board, MAX9 Pro, 48 ways, 250A switch, IP30

MX9DB48S250

Main

Range	MAX9
Product or component type	Distribution board
Device application	Distribution
Provided equipment	Enclosure Chassis Switch Removable gland plates top and bottom of the enclosure Neutral bar Earthing bar Pole filler top and bottom of the enclosure Circuit schedule card Keys DIN rail
Colour	White (RAL 9003)
Door type	plain door - reversible

Complementary

Enclosure mounting	Surface
[Ue] rated operational voltage	240/415 V AC 50 Hz
Protection device type	Main incomer: switch-disconnector - 250 A Outgoer: miniature circuit breaker (MCB) Outgoer: residual current circuit breaker with overcurrent protection (RCBO) Outgoer: Arc fault detection device(AFDD)
[In] rated current	250 A
[Icw] rated short-time withstand current for Chassis :	25 kA for 100 ms
[Icw] rated short-time withstand current	15 kA for 100 ms
[Ui] rated insulation voltage	500 V
Number of ways	48 ways
[Uimp] rated impulse withstand voltage	4 kV
Enclosure material	Galvanized sheet steel
Surface finish	Powder coated
Width	480 mm
Height	1058 mm
Depth	153 mm

Environment

Standards	AS/NZS 61439.3 AS/NZ 3000
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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

IP degree of protection	IP30
IK degree of protection	IK09
Ambient air temperature for operation	-35...70 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	17 cm
Package 1 Width	53 cm
Package 1 Length	111 cm
Package 1 Weight	28 kg
Unit Type of Package 2	P12
Number of Units in Package 2	10
Package 2 Height	105 cm
Package 2 Width	114 cm
Package 2 Length	114 cm
Package 2 Weight	294 kg

Contractual warranty

Warranty (in months)	18
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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	671 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	268 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	15 kg CO2 eq.
Carbon footprint of the installation phase [A5]	8 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	332 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	48 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
Halogen-free status	Product contains halogen above thresholds
PVC free	Yes

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	90
End of life manual availability	No need of specific recycling operations
Take-back	No

Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative



Technical Illustration

Assembly's dimensions

