Product datasheet

Specifications



Distribution board, MAX9 Pro, 72 ways, 160A switch, IP30

MX9DB72S160

Main

Range	MAX9
Product or component type	Distribution board
Device application	Distribution
Provided equipment	Enclosure top and bottom of the enclosure Chassis Switch Removable gland plates top and bottom of the enclosure Neutral bar Earthing bar Pole filler 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 - 160 A Outgoer: miniature circuit breaker (MCB) Outgoer: residual current circuit breaker with overcurrent protection (RCBO) Outgoer: Arc fault detection device(AFDD)
[In] rated current	160 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	72 ways
[Uimp] rated impulse withstand voltage	4 kV
Enclosure material	Galvanized sheet steel
Surface finish	Powder coated
Width	480 mm
Height	1289 mm
Depth	153 mm

Environment

Standards	AS/NZS 61439.3 AS/NZ 3000

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	134.5 cm
Package 1 Weight	36 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	135 cm
Package 2 Weight	374 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	**797 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**345 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**19 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**10 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**362 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**62 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**

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

