

# Product datasheet

Specifications



## Distribution board, MAX9 Pro, 72 ways, 250A switch, IP30

MX9DB72S250

### Main

|                           |                                                                                                                                                                                                                     |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | MAX9                                                                                                                                                                                                                |
| Product or component type | Distribution board                                                                                                                                                                                                  |
| Device application        | Distribution                                                                                                                                                                                                        |
| Provided equipment        | Enclosure<br>Chassis<br>Switch<br>Removable gland plates top and bottom of the enclosure<br>Neutral bar<br>Earthing bar<br>Pole filler<br>Circuit schedule card<br>Keys top and bottom of the enclosure<br>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<br>Outgoer: miniature circuit breaker (MCB) - 1P + N<br>Outgoer: residual current circuit breaker with overcurrent protection (RCBO)<br>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                                         | 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<br>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                       | 840 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]     | 404 kg CO2 eq.                                |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 62 kg CO2 eq.                                 |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |                                                                                        |
|----------------------------------------|----------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | No                                                                                     |
| Packaging without single use plastic   | No                                                                                     |
| EU RoHS Directive                      | <a href="#">Compliant By Exemption</a>                                                 |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a> |
| 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                       | Nej                                      |

Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative

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Technical Illustration

Assembly's dimensions

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