

# Product datasheet

Specifications



## Distribution board, MAX9 Pro, 24 ways, 250A switch, IP30

MX9DB24S250

### 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 top and bottom of the enclosure<br>Keys<br>DIN rail |
| Colour                    | White (RAL 9003)                                                                                                                                                                                                    |
| Door type                 | plain door - reversible                                                                                                                                                                                             |

### Complementary

|                                          |                                                                                                                                                                                                                    |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Enclosure mounting                       | Surface                                                                                                                                                                                                            |
| Protection device type                   | Main incomer: switch-disconnector - 250 A<br>Outgoer: miniature circuit breaker (MCB)<br>Outgoer: residual current circuit breaker with overcurrent protection (RCBO)<br>Outgoer: Arc fault detection device(AFDD) |
| [Ue] rated operational voltage           | 240/415 V AC 50 Hz                                                                                                                                                                                                 |
| [In] rated current                       | 250 A                                                                                                                                                                                                              |
| [Icw] rated short-time withstand current | 25 kA for 100 ms                                                                                                                                                                                                   |
| [Ui] rated insulation voltage            | 500 V                                                                                                                                                                                                              |
| [Uimp] rated impulse withstand voltage   | 4 kV                                                                                                                                                                                                               |
| Number of ways                           | 24 ways                                                                                                                                                                                                            |
| Enclosure material                       | Galvanized sheet steel                                                                                                                                                                                             |
| Surface finish                           | Powder coated                                                                                                                                                                                                      |
| Width                                    | 480 mm                                                                                                                                                                                                             |
| Height                                   | 842 mm                                                                                                                                                                                                             |
| Depth                                    | 153 mm                                                                                                                                                                                                             |

### Environment

|                         |                              |
|-------------------------|------------------------------|
| Standards               | AS/NZS 61439-3<br>AS/NZ 3000 |
| IP degree of protection | IP30                         |

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

|                                              |             |
|----------------------------------------------|-------------|
| <b>IK degree of protection</b>               | IK09        |
| <b>Ambient air temperature for operation</b> | -35...70 °C |
| <b>Ambient air temperature for storage</b>   | -40...85 °C |

## Packing Units

|                                     |        |
|-------------------------------------|--------|
| <b>Unit Type of Package 1</b>       | PCE    |
| <b>Number of Units in Package 1</b> | 1      |
| <b>Package 1 Height</b>             | 17 cm  |
| <b>Package 1 Width</b>              | 53 cm  |
| <b>Package 1 Length</b>             | 90 cm  |
| <b>Package 1 Weight</b>             | 20 kg  |
| <b>Unit Type of Package 2</b>       | P12    |
| <b>Number of Units in Package 2</b> | 10     |
| <b>Package 2 Height</b>             | 105 cm |
| <b>Package 2 Width</b>              | 114 cm |
| <b>Package 2 Length</b>             | 114 cm |
| <b>Package 2 Weight</b>             | 214 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          |                                               |
|----------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint | 523                                           |
| 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                                                         |
| <a href="#">EU RoHS Directive</a>      | Pro-active compliance (Product out of EU RoHS legal scope) |
| REACH Regulation                       | <a href="#">REACH Declaration</a>                          |
| Halogen-free status                    | Product contains halogen above thresholds                  |
| PVC free                               | Yes                                                        |

Use Again

| Repack and remanufacture        |                                          |
|---------------------------------|------------------------------------------|
| End of life manual availability | No need of specific recycling operations |
| Take-back                       | No                                       |

Offer Marketing Illustration

Product benefits / Features

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Image of product / Alternate images

Alternative

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Technical Illustration

Assembly's dimensions

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