# Product datasheet

Specifications



## Distribution board, DBSeT, 16 ways, 100A, 1 row, flush mount

DBR116MF

## Main

| | |
|---|---|
| **Range of the product** | DBSeT |
| **Product or component type** | Distribution board |
| **Device application** | Low voltage electrical distribution |
| **Number of horizontal rows** | 1 |
| **Provided equipment** | Enclosure<br>DIN rail<br>Identification label |

## Complementary

| | |
|---|---|
| **Number of 18 mm modules per row** | 16 |
| **[In] rated current** | 100 A |
| **Rated voltage** | 240…415 V AC 50/60 Hz |
| **[Ui] rated insulation voltage** | 500 V AC |
| **Protection device options** | Isolator 100 A max as incomer<br>Miniature circuit breaker (MCB) 100 A max as incomer<br>RCCB 100 A max as incomer<br>Residual current circuit breaker with overcurrent protection (RCBO) 63 A max as outgoer<br>Miniature circuit breaker (MCB) 63 A max as outgoer |
| **Enclosure mounting** | Flush |
| **Door type** | Plain flat door |
| **Type of rail** | DIN |
| **Cable entry** | Removable gland plate at top and bottom of the enclosure |
| **Enclosure material** | painted sheet steel 1.2 mm thickness |
| **Colour** | White (RAL 9003) |
| **Width** | 425 mm |
| **Height** | 295 mm |
| **Depth** | 124.9 mm |

## Environment

| | |
|---|---|
| **IP degree of protection** | IP41 conforming to IEC 60529 |
| **IK degree of protection** | IK08 conforming to IEC 62262 |
| **Ambient air temperature for operation** | 50 °C |
| **Standards** | IEC 61439-3<br>IEC 61439-1 |

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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** | 13.6 cm |
| **Package 1 Width** | 44.5 cm |
| **Package 1 Length** | 31.5 cm |
| **Package 1 Weight** | 4.4 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 | **34 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **21 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **1 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0.8 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **0 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **11 kg CO2 eq.** |
| 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 | **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 Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **96** |
| End of life manual availability | **No need of specific recycling operations** |
| Take-back | **No** |

Image of product / Alternate images

**Alternative**

