Product datasheet

Specifications



VTPN Distribution board, DBSeT, 12+24 module, 125A Modular incomer, IP41, Surface

DBV31224MS

Main

Range of the product	DBSeT
Product or component type	Distribution board
enclosure type	Distribution enclosure
Device application	Low voltage electrical distribution
Provided equipment	pan assembly earthing bar neutral bar enclosure
Number of ways	12 + 24 (outgoer)

Complementary

[In] rated current	125 A
[Icw] rated short-time withstand current	17 kA for 0.25 s
[Ipk] rated peak withstand current	34 kA
[Uimp] rated impulse withstand voltage	6 kV
Rated voltage	240…415 V AC 50/60 Hz
Network number of phases	3 phases
[Ui] rated insulation voltage	500 V AC
Protection device options	Residual current circuit breaker with overcurrent protection (RCBO) (outgoer) Miniature circuit breaker (MCB) (outgoer) Isolator + residual current circuit breaker (RCCB) (incomer)
Enclosure mounting	Surface
Door type	Plain flat door
Cable entry	Removable gland plate at top and bottom of the enclosure
Enclosure material	Painted sheet steel 1.2 mm thick
Colour	White (RAL 9003)
Width	425 mm
Height	715 mm
Depth	124.90 mm

Environment

IP degree of protection	IP41 conforming to IEC 60529
IK degree of protection	IK08
Ambient air temperature for operation	50 °C

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

Standards	IEC 61439-3 IEC 61439-1
Product certifications	DEKRA

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.49 cm
Package 1 Width	42.5 cm
Package 1 Length	71.5 cm
Package 1 Weight	17.43 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	**161 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**82 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**5 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**3 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**27 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**43 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

