

Product datasheet

Specifications



Acti9 Vertical TPN 42way with 100A NSX MCCB

A9H342MNS100FD

Main

Range of the product	Acti9 Disbo
Product or component type	Distribution board with incomer
Enclosure type	Distribution enclosure
Device application	Low voltage electrical distribution
Provided equipment	molded case circuit breaker (MCCB) pan assembly earthing bar neutral bar enclosure
Number of ways	42 ways (outgoer)

Complementary

[In] rated current	100 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	220...440 V AC 50/60 Hz
Network number of phases	3 phases 4 wires
[Ui] rated insulation voltage	690 V AC
Protection device options	Molded case circuit breaker (MCCB) (incomer) Miniature circuit breaker (MCB) (outgoer) Residual current circuit breaker with overcurrent protection (RCBO) (outgoer)
Enclosure mounting	Flush
Door type	Plain flat door
Cable entry	Removable gland plate at top and bottom of the enclosure
Enclosure material	Painted sheet steel
Colour	White (RAL 9003)
Width	440 mm outside: 400 mm embedded:
Height	888.3 mm outside: 852.4 mm embedded:
Depth	138.2 mm outside:

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

134.5 mm embedded:

Environment

IP degree of protection	IP40 conforming to IEC 60529
Ambient air temperature for operation	50 °C
Standards	IEC 61439-3
Product certifications	ASTA SASO

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.9 cm
Package 1 Width	44.0 cm
Package 1 Length	88.83 cm
Package 1 Weight	22.82 kg

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes

Recommended replacement(s)