

Product datasheet

Specifications



Switching mode power supply in 100...120/200,,,240 VAC, out 24VDC,350 W 14,6A

ABL2REM24150H

⚠ Discontinued on: 31 Dec 2018

⚠ End-of-service on: 18 Mar 2021

⚠ Discontinued

Main

Range of product	Easy Modicon ABL2
Product or component type	Power supply
Power supply type	Regulated switch mode
Rated power in W	350 W
Main Input Voltage	100...120 V AC single phase 200...240 V
Output voltage	24 V DC
Power supply output current	14.6 A
Operating position	Any position
Vibration resistance	2 gn (f= 10...500 Hz) conforming to EN/IEC 61131-2
Name of test	Conducted interference conforming to EN 61000-6-4 level A

Complementary

Input voltage limits	85...264 V 180...264 V
Network frequency	47...63 Hz
Inrush current	60 A at 100...120 V AC 60 A at 200...240 V AC
Cos phi	0.5
Efficiency	83 %
Power dissipation in W	47.7 W
Current consumption	3.3 A at 240 V
Input protection type	Integrated fuse (not interchangeable)
Output voltage limits	21.6...26.4 V
Line and load regulation	+/- 1 %
Holding time	>= 12 ms at 115 V
Output protection type	Against overload, protection technology: 1.1...1.5 x In Against short-circuits, protection technology: 1.1...1.5 x In Against overvoltage, protection technology: 1.1...1.5 x In Thermal, protection technology: 1.1...1.5 x In
Connections - terminals	For ground connection: screw type terminals, connection capacity: 1 x 4 mm² AWG 12
Marking	CE

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

Mounting support	DIN rail with accessory Panel mounting with accessory
Operating altitude	2000 m
Output coupling	Series
Overvoltage category	II
Meantime between failure [MTBF]	350000 h at 25 °C
Status LED	1 LED (green) output voltage
Width	115 mm
Height	215 mm
Depth	50 mm
Product weight	0.97 kg

Environment

Product certifications	EAC IC
Environmental characteristic	EMC conforming to EN 55022 class B
IP degree of protection	IP20 conforming to EN/IEC 60950
Ambient air temperature for operation	-20...70 °C (with rated power derating 5 W per °C)
Ambient air temperature for storage	-20...85 °C
Relative humidity	20...90 %
Overvoltage category	Class I conforming to VDE 0106-1
Pollution degree	2
Dielectric strength	2000 V between input and ground

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.6 cm
Package 1 Width	12.1 cm
Package 1 Length	23.5 cm
Package 1 Weight	1 kg

Contractual warranty

Warranty (in months)	18
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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 >](#)

Use Better

Materials and Substances	
EU RoHS Directive	Compliant By Exemption

Use Longer

Lifetime extension	
Repair	No