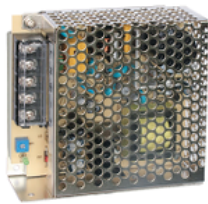


Product datasheet

Specifications



Switching mode Power supply in 100-240 VAC 1,3-0,8 A out 24 VDC 2,2A 50W

ABL2REM24020H

❗ Discontinued on: 30 December 2020

❗ End-of-service on: 18 March 2021

❗ Discontinued

ABL2REM24020H has not been replaced. Please contact your customer care centre for more information.

Main

Range of product	Easy Modicon ABL2
Product or component type	Power supply
Power supply type	Regulated switch mode
Rated power in W	50 W
Input voltage	100...240 V AC single phase
Output voltage	24 V DC
Power supply output current	2.2 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
Network frequency	47...63 Hz
Inrush current	45 A at 100...240 V AC
Cos phi	0.45
Efficiency	83 %
Power dissipation in W	6.8 W
Current consumption	0.6 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
Connections - terminals	For ground connection: screw type terminals, connection capacity: 1 x 4 mm² AWG 12
Marking	CE

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	97 mm
Height	105 mm
Depth	36 mm
Net weight	0.35 kg

Environment

Product certifications	EAC EAC
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 Weight	0.33 kg
Package 1 Height	4.166 cm
Package 1 width	10.268 cm
Package 1 Length	11.167 cm
Unit Type of Package 2	S03
Number of Units in Package 2	42
Package 2 Weight	14.74 kg
Package 2 Height	30 cm
Package 2 width	29.9 cm
Package 2 Length	39.8 cm

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration

Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration