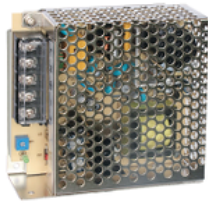


# Product datasheet

Specifications



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

ABL2REM24020H

! Discontinued on: 31 December 2018

! End-of-service on: 18 March 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	50 W
Main 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 mm <sup>2</sup> 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 % 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	4.166 cm
Package 1 Width	10.268 cm
Package 1 Length	11.167 cm
Package 1 Weight	0.33 kg

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a>
RoHS exemption information	Yes

## Recommended replacement(s)

ABL2REM24020H is replaced by:

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1x



single phase power supply, 100...240V input, 24V DC output, 53W, 2,2A  
ABL2REM24020K

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