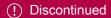


# Switching mode power supply in 100...120/200,,,240 VAC, out 24VDC,150 W 6,5A

ABL2REM24065H

Discontinued on: 30 December 2020

• End-of-service on: 30 June 2022



#### Main

Range of product	Easy Modicon ABL2
Product or component type	Power supply
Power supply type	Regulated switch mode
Rated power in W	150 W
Main Input Voltage	100120 V AC single phase 200240 V
Output voltage	24 V DC
Power supply output current	6.5 A
Operating position	Any position
Vibration resistance	2 gn (f= 10500 Hz) conforming to EN/IEC 61131-2
Name of test	Conducted interference conforming to EN 61000-6-4 level A

#### Complementary

Complementary	
Input voltage limits	85264 V 88132 V
Network frequency	4763 Hz
Inrush current	60 A at 100120 V AC 60 A at 200240 V AC
Cos phi	0.45
Efficiency	83 %
Power dissipation in W	18.5 W
Current consumption	1.5 A at 240 V
Input protection type	Integrated fuse (not interchangeable)
Output voltage limits	21.626.4 V
Line and load regulation	+/- 1 %
Holding time	>= 35 ms at 115 V
Output protection type	Against overload, protection technology: 1.11.5 x ln Against short-circuits, protection technology: 1.11.5 x ln Against overvoltage, protection technology: 1.11.5 x ln Thermal, protection technology: 1.11.5 x ln
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 DIN rail 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	98 mm
Height	205 mm
Depth	42 mm
Net weight	0.68 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

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	-2070 °C (with rated power derating 5 W per °C)
Ambient air temperature for storage	-2085 °C
Relative humidity	2090 %
	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	4.901 cm
Package 1 Width	10.358 cm
Package 1 Length	21.011 cm
Package 1 Weight	0.65 kg

## 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
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes

### Recommended replacement(s)

1>



single phase power supply, 100...240V input, 24V DC output, 156W, 6,5A  $\tt ABL2REM24065K$