

# Product datasheet

Specifications



## Switching mode power supply in 100-240 VAC, out 24VDC, 35 W

ABL2REM24015H

⚠ Discontinued on: Dec 30, 2020 AD

⚠ End-of-service on: Mar 18, 2021 AD

⚠ Discontinued

### Main

Range of product	Easy Modicon ABL2
Product or component type	Power supply
Power supply type	Regulated switch mode
Rated power in W	35 W
Main Input Voltage	100...240 V AC single phase
Output voltage	24 V DC
Power supply output current	1.5 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	4.7 W
Current consumption	0.4 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

<b>Output coupling</b>	Series
<b>Overvoltage category</b>	II
<b>Meantime between failure [MTBF]</b>	350000 h at 25 °C
<b>Status LED</b>	1 LED (green) output voltage
<b>Width</b>	81 mm
<b>Height</b>	105 mm
<b>Depth</b>	36 mm
<b>Net weight</b>	0.31 kg

## Environment

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	4.183 cm
<b>Package 1 Width</b>	8.776 cm
<b>Package 1 Length</b>	11.09 cm
<b>Package 1 Weight</b>	281 g

## Contractual warranty

<b>Warranty (in months)</b>	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