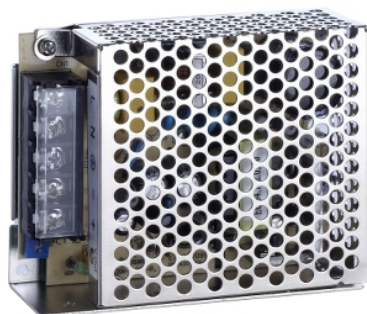


## Product data sheet

### Characteristics

# ABL2REM24015H

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



### 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<br>Against short-circuits, protection technology: 1.1...1.5 x In<br>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<br>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                           | 81 mm                                                                                                                                                                                  |
| Height                          | 105 mm                                                                                                                                                                                 |
| Depth                           | 36 mm                                                                                                                                                                                  |
| Net weight                      | 0.31 kg                                                                                                                                                                                |

## Environment

|                                       |                                                    |
|---------------------------------------|----------------------------------------------------|
| Product certifications                | EAC[RETURN]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             | 4.183 cm |
| Package 1 Width              | 8.776 cm |
| Package 1 Length             | 11.09 cm |
| Package 1 Weight             | 281 g    |

## 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)                                                                 |
| Mercury free               | Yes                                                                                                                        |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a> |
| RoHS exemption information |  <a href="#">Yes</a>                    |