

**Power supply 24 V AC RMD**

Order-No. : 7591 00 01

**Operation- and  
Assembly Instructions****1 Safety instructions**

**Electrical equipment may only be installed and fitted by electrically skilled persons.**

**Failure to observe the instructions may cause damage to the device and result in fire and other hazards.**

**These instructions are an integral part of the product, and must remain with the end customer.**

**2 Function****Intended use**

- Supplying devices with 24 V AC
- Mounting on DIN rail according to EN 60715 in distribution boxes

**Product characteristics**

- Two internally connected 24 V outputs
- Overload and short-circuit protection via thermo switch

**3 Information for electrically skilled persons****3.1 Fitting and electrical connection****Fitting the device**

---

**DANGER!**

**Electrical shock on contact with live parts in the installation environment.**

**Electrical shocks can be fatal.**

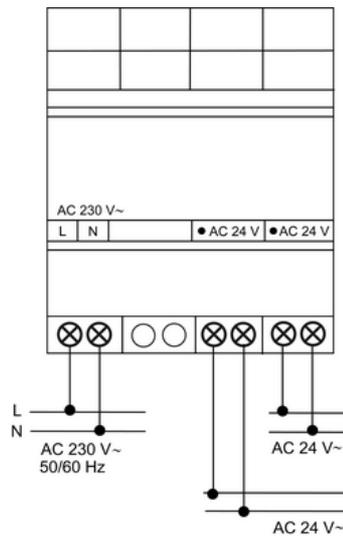
**Before working on the device, disconnect the power supply and cover up live parts in the working environment.**

---

Observe the temperature range. Ensure sufficient cooling.

- Mount device on DIN rail.

## Connecting the device



picture 1

- Connect the device according to the connection diagram (picture 1).

## 4 Appendix

### 4.1 Technical data

Rated voltage	AC 230 V ~
Mains frequency	50 / 60 Hz
Output current	max. 1 A
Output voltage	AC 24 V
Storage/transport temperature	-25 ... +70 °C
Ambient temperature	-5 °C ... +40 °C
Relative humidity	max. 93 % (No moisture condensation)
Weight	approx. 550 g
Fitting width	72 mm / 4 modules
Connection mode	Screw terminal
Single stranded	0.5 ... 4 mm <sup>2</sup>
finely stranded with conductor sleeve	0.14 ... 2.5 mm <sup>2</sup>
finely stranded without conductor sleeve	0.34 ... 4 mm <sup>2</sup>

### 4.2 Troubleshooting

#### Power has failed.

Short-circuit and overload protection has activated.

Check for overload.

Check output cable for short-circuit.

-  Automatic restart after cooling off or elimination of short-circuit.

### 4.3 Warranty

We reserve the right to make technical and formal changes to the product in the interest of technical progress.

Our products are under guarantee within the scope of the statutory provisions.

If you have a warranty claim, please contact the point of sale or ship the device postage free with a description of the fault to the appropriate regional representative.

**Berker GmbH & Co. KG**  
Klagebach 38  
58579 Schalksmühle/Germany  
Telefon + 49 (0) 2355/905-0  
Telefax + 49 (0) 2355/905-111  
[www.berker.de](http://www.berker.de)