

## REDUNDANT MODULE 10 A MINILINE SERIES

DC12-48V

MLY10.241  
REDUNDANCY MODULE 10A

- For 1+1 and N+1 redundant systems
- Dual diodes
- Cost-efficient



### PRODUCT DESCRIPTION

The MLY10.241 is a simple is a redundancy module, which can be used to build 1+1 and N+1 redundant systems. It is equipped with two input channels, which can be connected to power supplies with up to 5A output current and one output, which can carry nominal currents up to 10A. The module is suitable for power supplies with constant current overload behavior as well as any kind of "Hiccup" overload behavior.

Large screw terminals allow a safe and fast installation and a large international approval package for a variety of applications makes this unit suitable for nearly every situation.

### SPECIFICATIONS

<b>Input voltage DC</b>	12-48 V
<b>Input voltage dc min</b>	9 V DC
<b>Input voltage dc max</b>	60 V DC
<b>Input current per channel max</b>	5 A
<b>Output voltage</b>	24 V DC
<b>Output Current</b>	10 A
<b>Output current max</b>	16 A
<b>Temperature Range Without Derating From</b>	-40 °C
<b>Temperature Range Without Derating To</b>	70 °C
<b>Width</b>	45 mm

<b>Height</b>	75 mm
<b>Depth</b>	91 mm
<b>Weight</b>	0.14 kg
<b>Series</b>	Miniline
<b>Approvals</b>	ATEX, CE, CSA, GL, IECEx, UL
<b>Material Protection</b>	ABS plastic
<b>IP Class</b>	IP20
<b>Voltage Drop Over The Semi-Conductor</b>	900 mV

Fig. 16.1 Wiring diagram, 1+1 Redundancy, 2.5A output current

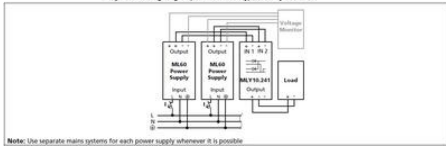


Fig. 16.2 Wiring diagram, N+1 Redundancy, 7.5A output current

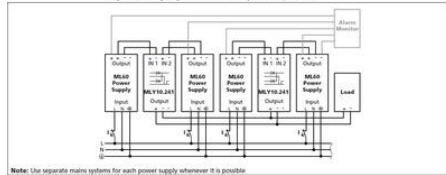


Fig. 16.3 Wiring diagram, 10A Battery back-up

