



### POWER SUPPLY

- AC 100-240V Wide Range Input
- NEC Class 2 Compliant
- Adjustable Output Voltage
- Efficiency up to 89%
- Compact Design, Width only 45mm
- Full Output Power Between -10°C and +60°C
- DC-OK Signal Included
- Large International Approval Package
- DIN-Rail Bracket for Wall or Panel Mount Included
- 3 Year Warranty

## 1. GENERAL DESCRIPTION

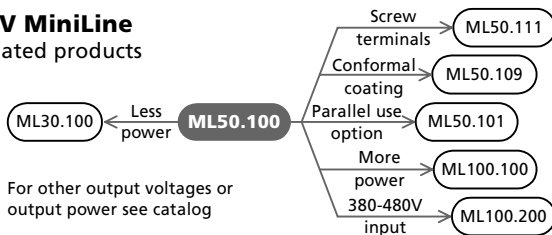
A compact size, light weight, simple mounting on the DIN-rail and the quick connect spring-clamp terminals are what makes the MiniLine power supplies so easy to use and installs in seconds.

A rugged electrical and mechanical design as well as a high immunity against electrical disturbances on the mains provides reliable output power. This offers superior protection for equipment which is connected to the public mains network or is exposed to a critical industrial environment.

The MiniLine series offers output voltages from 5 to 56Vdc and a power rating of up to 100W. A DC-OK signal allows remote diagnostics.

The supplementary MiniLine decoupling diode module MLY02.100 allows building of redundant systems or to protect against back-feed voltages.

### 24V MiniLine Related products



For other output voltages or output power see catalog

## 2. SHORT-FORM DATA

Output voltage	DC 24V	
Adjustment range	24-28V	
Output current	2.1-1.8A	24-28V
Output power	50W	
Output ripple	< 50mVpp	20Hz to 20MHz
Input voltage	AC 100-240V	Wide Range Input
Mains frequency	50-60Hz	±6%
AC Input current	typ. 0.77 / 0.44A	at 120 / 230Vac
Power factor	typ. 0.56 / 0.52	at 120 / 230Vac
AC Inrush current	17 / 35A	typ. peak value at 120 / 230Vac 40°C and cold start
DC Input	85-375Vdc	
Efficiency	typ. 88.4 / 89.0%	at 120 / 230Vac
Losses	typ. 6.6 / 6.2W	at 120 / 230Vac
Temperature range	-10°C to +70°C	operational
Derating	1.3W/°C	+60 to +70°C
Hold-up time	typ. 35 / 190ms	at 120 / 230Vac
Dimensions	45x75x91mm	WxHxD

## 3. ORDER NUMBERS

Power Supply	<b>ML50.100</b>	Standard unit
	<b>ML50.109</b>	Conformal coated unit
Accessory	MLY02.100	Decoupling / Redundancy module

## 4. MARKINGS

