



### POWER SUPPLY

- 100-240V Wide Range Input
- NEC Class 2 Compliant
- Adjustable Output Voltage
- Efficiency up to 87.2%
- Low No-load Losses and Excellent Partial-load Efficiency
- Compact Design, Width only 45mm
- Full Power between -10°C and +60°C
- Large International Approval Package
- 3 Year Warranty

### GENERAL DESCRIPTION

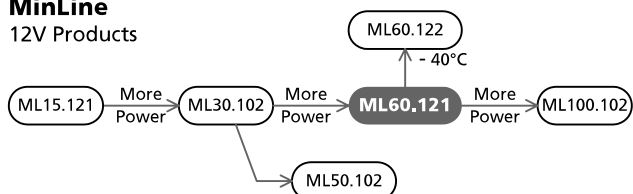
A compact size, light weight, simple mounting onto the DIN-rail and the utilization of only quality components are what makes the MiniLine power supplies so easy to use and install within seconds.

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 from 15W to 100W.

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

#### MiniLine 12V Products



### SHORT-FORM DATA

Output voltage	DC 12V	
Adjustment range	12 - 15V	
Output current	4.5A at 12V 3.6A at 15V	
Output power	54W	
Output ripple	< 50mVpp	20Hz to 20MHz
Input voltage	AC 100-240V	-15% / +10% AC 100V mains requires derating
Mains frequency	50-60Hz	±6%
AC Input current	0.91 / 0.54A	at 120 / 230Vac
Power factor	0.58 / 0.5	at 120 / 230Vac
AC Inrush current	typ. 16 / 32A	peak value at 120 / 230Vac 40°C and cold start
DC Input	88-375Vdc	below 130Vdc derating required
Efficiency	85.3 / 87.2%	at 120 / 230Vac
Losses	9.3 / 7.9W	at 120 / 230Vac
Temperature range	-10°C to +70°C	operational
Derating	1.4W/°C	+60 to +70°C
Hold-up time	typ. 25 / 113ms	at 120 / 230Vac
Dimensions	45x75x91mm	WxHxD

### ORDER NUMBERS

Power Supply	<b>ML60.121</b>	12-15V Standard unit
Accessory	MLY10.241	Redundancy Module

### MARKINGS

