



POWER SUPPLY

- 100-240V Wide Range Input
- NEC Class 2 Compliant
- Adjustable Output Voltage
- Efficiency up to 86.1%
- Compact Design, Width only 22.5mm
- Full Output 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 120W.

The supplementary MiniLine decoupling diode module MLY10.241 allows building of redundant systems or to protect against back-feed voltages.

SHORT-FORM DATA

Output voltage	DC 24V	
Adjustment range	24 - 28V	
Output current	0.63A at 24V 0.54A at 28V	
Output power	15W	
Output ripple	< 50mVpp	20Hz to 20MHz
Input voltage	AC 100-240V	-15% / +10%
Mains frequency	50-60Hz	±6%
AC Input current	0.28 / 0.17A	at 120 / 230Vac
Power factor	0.51 / 0.44	at 120 / 230Vac
AC Inrush current	typ. 16 / 31A	peak value at 120/230Vac, 40°C and cold start
DC Input	88-375Vdc	
Efficiency	86.1 / 85.1%	at 120 / 230Vac
Losses	2.5 / 2.7W	at 120 / 230Vac
Temperature range	-10°C to +70°C	operational
Derating	0.4W/°C	+60 to +70°C
Hold-up time	typ. 47 / 196ms	at 120 / 230Vac
Dimensions	22.5x75x91mm	WxHxD
Weight	130g / 0.29lb	

ORDER NUMBERS

Power Supply	ML15.241	24-28V Standard unit
Accessory	MLY10.241	Redundancy module

MARKINGS

