



POWER SUPPLY

- 100-240V Wide Range Input
- NEC Class 2 Compliant
- Adjustable Output Voltage
- Efficiency up to 89.4%
- Compact Design, Width only 22.5mm
- 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.

The 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 harsh industrial environment.

The MiniLine series offers output voltages from 5 to 56Vdc and a power rating from 15W to 120W.

The supplementary MiniLine redundancy module MLY10.241 allows building of redundant systems or to protect against back-feeding voltages.

SHORT-FORM DATA

Output voltage	DC 24V	
Adjustment range	24 - 28V	
Output current	1.3A at 24V 1.1A at 28V	
Output power	30W	
Output ripple	< 50mVpp	20Hz to 20MHz
Input voltage	AC 100-240V	-15% / +10%
Mains frequency	50-60Hz	±6%
AC Input current	0.54 / 0.3A	at 120 / 230Vac
Power factor	0.52 / 0.49	at 120 / 230Vac
AC Inrush current	typ. 18 / 35A	peak value at 120 / 230Vac 40°C and cold start
DC Input	88-375Vdc	below 110Vdc derating required
Efficiency	88.5 / 89.4%	at 120 / 230Vac
Losses	4.1 / 3.7W	at 120 / 230Vac
Temperature range	-10°C to +70°C	operational
Derating	0.8W/°C	+60 to +70°C
Hold-up time	typ. 31 / 141ms	at 120 / 230Vac
Dimensions	22.5x75x91mm	WxHxD
Weight	140g / 0.31lb	

ORDER NUMBERS

Power Supply	ML30.241	24-28V Standard unit
Accessory	MLY10.241	Redundancy module

MARKINGS

