



POWER SUPPLY

- 100-240V Wide Range Input
- NEC Class 2 Compliant
- Adjustable Output Voltage
- Efficiency up to 88.4%
- Compact Design, Width only 22.5mm
- Full Output Power Between -10°C and +60°C
- Large International Approval Package
- 3 Year Warranty

1. 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.

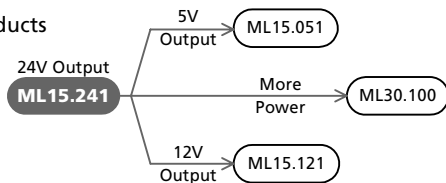
A rugged electrical and mechanical design as well as a high immunity against electrical disturbances on the mains provides reliable output power. This offers superior protection for equipment which is connected to the public mains network or is exposed to a critical industrial environment.

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-feed voltages.

ML15

Related products



2. SHORT-FORM DATA

Output voltage	DC 24V	
Adjustment range	24-28V	
Output current	0.63-0.54A	24-28V
Output power	15W	
Output ripple	< 50mVpp	20Hz to 20MHz
Input voltage	AC 100-240V	Wide Range Input
Mains frequency	50-60Hz	±6%
AC Input current	typ. 0.28 / 0.17A	At 120 / 230Vac
Power factor	typ. 0.51 / 0.44	At 120 / 230Vac
AC Inrush current	16 / 31A	Typ. peak value at 120 / 230Vac 40°C and cold start
DC Input	85-375Vdc	
Efficiency	typ. 87.8 / 88.4%	At 120 / 230Vac
Losses	typ. 2.1 / 2.0W	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

3. ORDER NUMBERS

Power supply	ML15.241	Standard unit
Accessory	MLY02.100	Decoupling / Redundancy module

4. MARKINGS

