

# DIN Rail Mount Compact Power Supplies MCR-PS Series



**\$117**  
Basic Unit

MCR-PS power supplies are compact, linear and highly regulated. Well suited for use with all MCR signal conditioning products. They feature low output ripple and tight ( $\pm 4\%$ ) nominal voltage, tolerance.

The models also feature galvanic isolation and are fused for overvoltage protection.

## Specifications

### INPUT

#### Power Supply:

110 Vac Nominal: 110 Vac  $\pm 10\%$   
220 Vac Nominal: 220 Vac  $\pm 10\%$

#### Current Consumption:

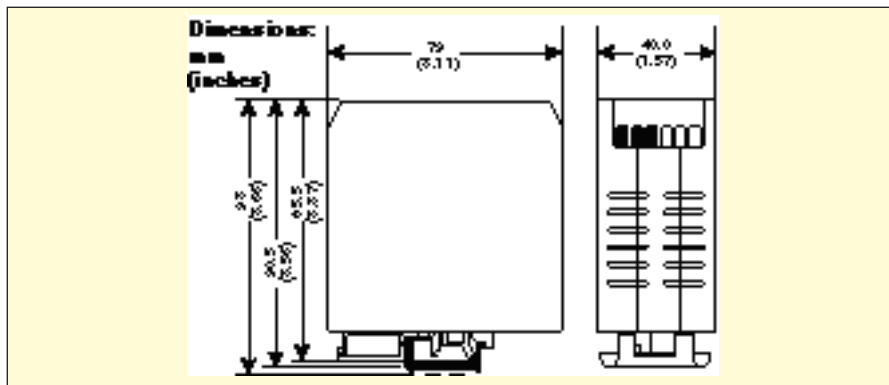
MCR-PS-220AC/24DC/100: 35 mA  
MCR-PS-120AC/24DC/100: 70 mA

### OUTPUT

MCR-PS-220AC/24DC/100: 24 Vdc, 100 mA  
MCR-PS-120AC/24DC/100: 24 Vdc, 100 mA

### GENERAL

**Isolation Voltage:** 4 kV, min  
**Operating Ambient:** 0 to 40°C  
**Maximum Wire Size:** 14 AWG



Shown smaller than actual size.

- ✔ Compact DIN Rail Mount Package
- ✔ 110/ 220 Vac Powered
- ✔ 24 Vdc Output



To Order ( <i>Specify Model Number</i> )			
Model Number	Price	Input	Output
MCR-PS-220AC/24DC/100	\$117	220 Vac	24 Vdc
MCR-PS-120AC/24DC/100	117	120 Vac	24 Vdc

Ordering Example: MCR-PS-120AC/24DC/100, 120 Vac power supply, 24 Vdc @ 100 mA output, \$117.

The MCR series is a complete family of signal conditioners for thermocouple, RTD, process and frequency signals. See pages H-13 through H-28 for details.

# DIN Rail Mount Power Supplies CM Series

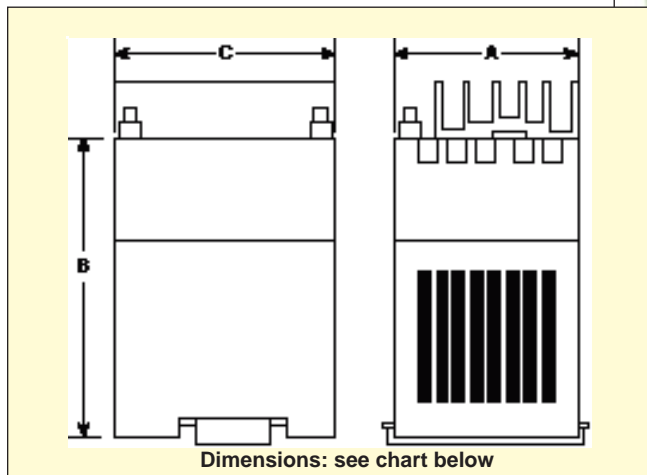
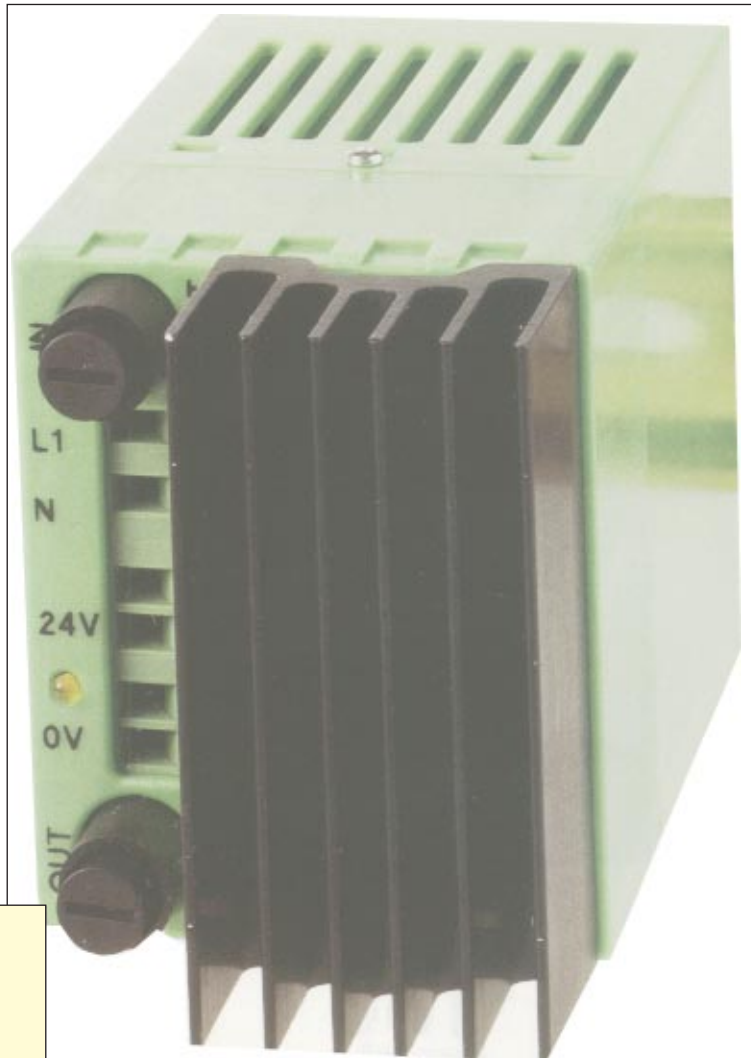


## \$130

Basic Unit

- ✓ Short Circuit and Overload Protected with Fused Input and Output
- ✓ LED Status Indicator
- ✓ Regulated, Low Ripple Outputs

CM series power supplies provide stable dc power for DIN rail signal conditioners and other equipment. Three model types are available. All models are powered by 120 Vac. The CM62 provides 24 V dc @ 1 A, the CM90 provides 24 V dc @ 2 A and the CM125 provides 24 V dc @ 5 A. The power supplies are fused on both the input and output. Slow blow fuses are used on the input to accommodate start-up current and fast blow fuses on the output for fast response to overloads to ensure safe operation and limit damage to loads if fault should occur.



Shown smaller than actual size.

### Specifications

**Isolation:** Input/Output: 4 kV, 50 Hz, 1 min

**Operating Ambient:** -20 to 60°C (-4 to 140°F)

**Mounting:** 35 mm DIN rail

**Power:** 120 Vac, +6%/-10%; 230 Vac +6%/-10%

**Frequency:** 50/60 Hz

**Power Consumption:** CM62: 55 VA, CM90: 80 VA, CM125: 200 VA

**Weight:** CM62: 1.2 kg (2.6 lb); CM90: 1.5 kg (3.3 lb); CM125: 2.9 kg (6.4 lb)

### Dimensions (see drawing above)

Housing Type	Side (mm)		
	A	B	C
CM62	62.5	139	75
CM90	90	146	75
CM125	125	155.5	103

### To Order (Specify Model Number)

Model Number	Price	Input	Output
CM62-PS120AC/24DC/1	\$130	120 Vac	24 Vdc @ 1 A
CM90-PS120AC/24DC/2	182	120 Vac	24 Vdc @ 2 A
CM125-PS120AC/24DC/5	407	120 Vac	24 Vdc @ 5 A

**Ordering Example:** CM125-PS120AC/24DC/5 CM125 series power supply, 120 Vac power, 24 Vdc @ 5 A output, \$407.