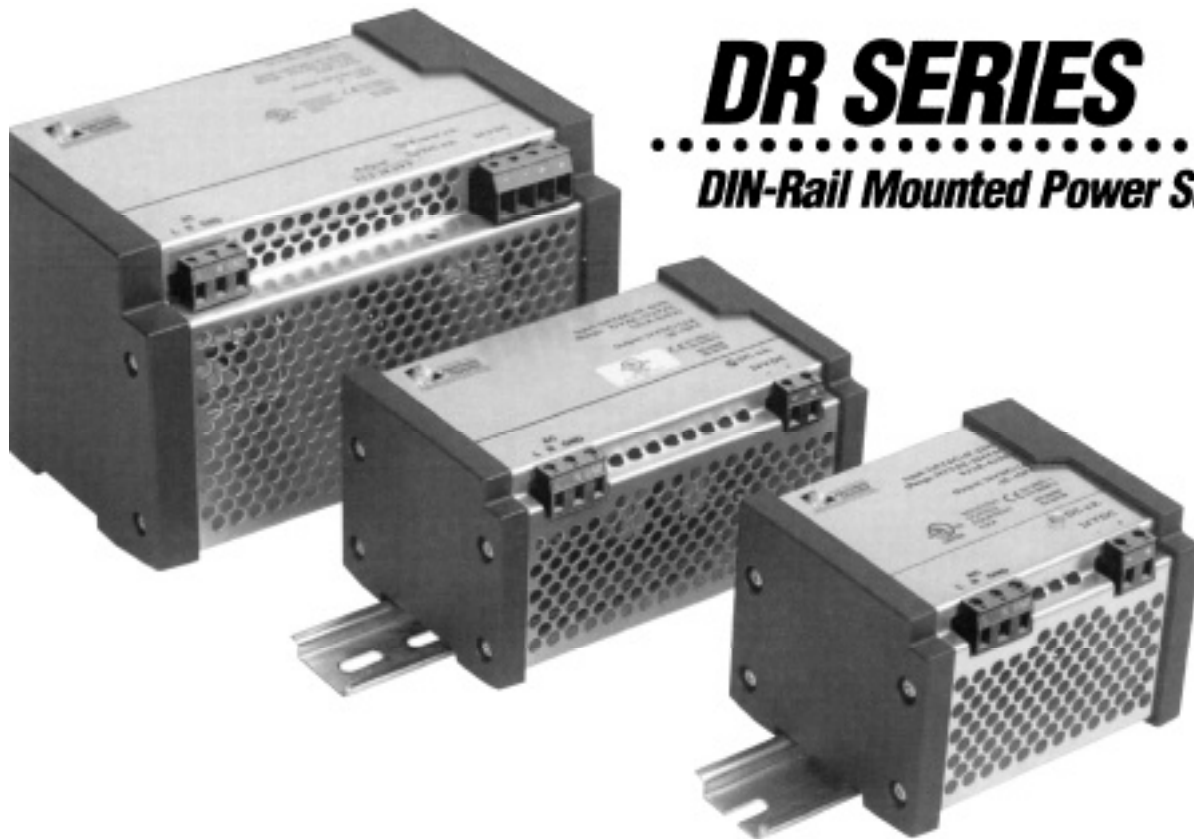


# DR SERIES

# 17

## DIN-Rail Mounted Power Supplies



POWER SUPPLIES & CONDITIONERS

### GENERAL DESCRIPTION

Acme Electric's DR Series Power Supplies mount on a standard 35mm DIN-rail, are completely touch safe and have pluggable connections. They utilize primary switching technology for efficient energy use. The DR Series power supplies have been designed in a package compatible with other modules mounted in the control panel. This will allow for maximum space savings on the DIN-rail as well as the entire cabinet. Units can be wired in parallel for redundancy, the 10 amp can be wired in parallel for increased ampacity. All are equipped with a LED for status indication. When the LED is lit, 24 volt DC output power is functional. All units have an efficiency rating of >86% which results in low heat dissipation.

### Features

- ▲ DIN-rail mounted
- ▲ Fully enclosed low profile design
- ▲ Pluggable connections
- ▲ UL/CUL 508 listed
- ▲ 24 V dc output
- ▲ Primary switching technology
- ▲ 1, 2.5, 5, 10 amp single phase configurations
- ▲ Electronic overload protection
- ▲ Local output status indication

### Benefits

- ▲ Simplifies troubleshooting effort
- ▲ Ease of installation
- ▲ Fast, easy wiring connections
- ▲ Can be used at full rated power in UL cabinets
- ▲ Appeals to all industry segments

- ▲ Efficiencies >86%
- ▲ Ready for European markets (CE mark)
- ▲ MTBF (Mean Time Between Failure) >500,000 hours
- ▲ Touch safe

### Technical Description

INPUT VOLTAGE:  
1, 2.5, 5, 10 amp units:  
120 V ac                      240 V ac  
Range 93-132 V ac        Range 187-264 V ac

OUTPUT VOLTAGE:  
24 V dc on 1, 2.5, 5 amp units  
24 V dc (22.5-28.5 V dc) ± 3% on 10 amp units

### Compliance

- ▲ UL/CUL 508
- ▲ CE Mark