



WATLOW DIN-A-MITE® POWER CONTROLS

SCR POWER CONTROLS



Style A



Style B



Style C



Style D

FEATURES AND BENEFITS

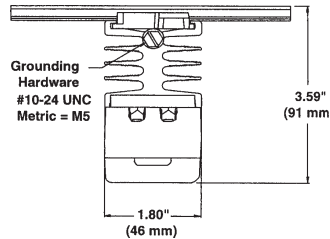
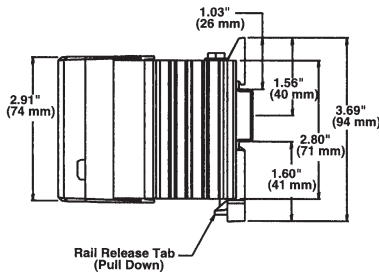
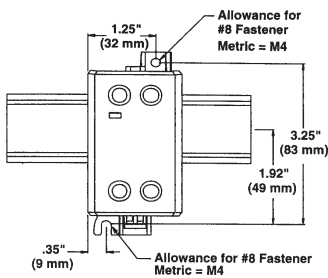
- DIN rail or surface mountable.
- Compact design with integrated heat sink.
- Variable time base provides the tightest temperature control possible.
- Works with 4-20mA output temperature controls.
- Extends heater life.
- Allows use of higher than normal watt densities.

GENERAL DESCRIPTION

When used in conjunction with a 4-20mA output temperature controller, SCR Power Controllers provide the tightest temperature control available. By controlling each cycle (60 per second), an SCR Power Controller can vary the effective power to a heater, providing a dimmer switch effect (called cycle proportioning). This places less thermal stress on heaters than traditional temperature controls, which are either full on or full off. In addition to increasing heater life, this also reduces or eliminates over/undershooting.

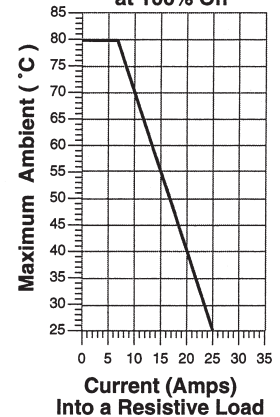
STYLE A - Single Phase, 18A

| PART NO. | CAPACITY | OUTPUT VOLTAGE | PHASE | PRICE |
|----------------|----------|----------------|-------|----------|
| DA10-24F0-0000 | 18A | 120-240VAC | 1Ø | \$203.00 |
| DA10-60F0-0000 | 18A | 277-600VAC | 1Ø | \$211.00 |



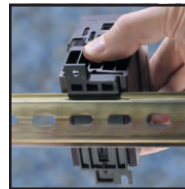
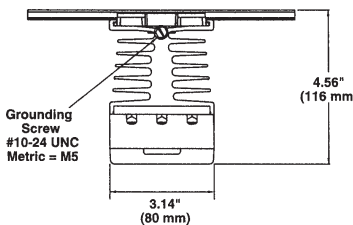
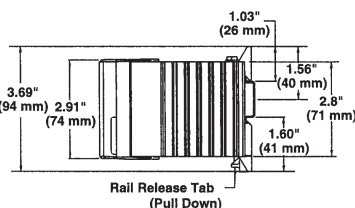
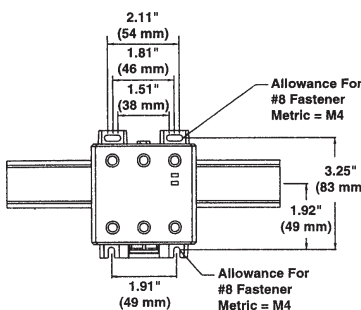
Style A

DIN-A-MITE Ratings at 100% On



STYLE B - Single and Three Phase, up to 35A

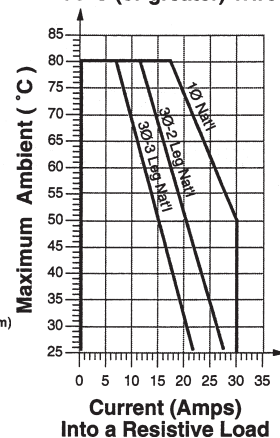
| PART NO. | CAPACITY | OUTPUT VOLTAGE | PHASE | PRICE |
|----------------|----------|----------------|---------|----------|
| DB10-24F0-0000 | 35A | 120-240VAC | 1Ø | \$268.00 |
| DB10-60F0-0000 | 35A | 277-600VAC | 1Ø | \$276.00 |
| DB20-24F0-0000 | 25A | 120-240VAC | 3Ø-2LEG | \$313.00 |
| DB20-60F0-0000 | 25A | 277-600VAC | 3Ø-2LEG | \$329.00 |
| DB30-24F0-0000 | 17A | 120-240VAC | 3Ø-3LEG | \$381.00 |
| DB30-60F0-0000 | 17A | 277-600VAC | 3Ø-3LEG | \$405.00 |



SAFE TO HANDLE
The DIN-A-MITE's touch-safe exterior protects hands from electric shock. It's completely safe to handle.

Style B

DIN-A-MITE Ratings at 100% On 75°C (or greater) Wire



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