



## SCR Power Controller Delivers Up To 100 Amps in a Smart Package

The Watlow® DIN-A-MITE® Style D Silicon Controlled Rectifier (SCR) power controller provides you with an inexpensive, versatile product for controlling heat in an efficient package. You also get all the quality you expect from a Watlow designed and manufactured product. The standard back panel mounting footprint is equal to that of an industry standard mercury displacement relay. There is no need to worry about mercury, the DIN-A-MITE controller is mercury free.

The DIN-A-MITE Style D is capable of zero cross switching up to 100 amps single-phase, at 600V~(ac) at 30°C (86°F), depending on the model selected. Combined with the input of two or three controllers and you can control three-phase. It is totally touch-safe and includes standard back panel mounting, on-board semiconductor fuses (accessible from the front) and a current transformer option for external load current monitoring. An optional "shorted SCR detector" feature is available on some models. This model is UL® 508 and C-UL® and CE approved. These agency approvals are ideal for those panel builders that require agency approvals on their panels and cabinets.

Variable time base, 4-20mA process control, or  $V_{\approx}(ac/dc)$  input contactor options are available. All configurations are model number dependent and factory selectable.

The DIN-A-MITE Style D power controller is made in the United States.

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**Your Authorized Watlow Distributor Is:**

### Features and Benefits

#### 200KA Short Circuit Current Rating (SCCR)

- Prevents arc flash

#### Standard panel mount

- Provides same mount as industry standard 100A MDR

#### Compact size

- Reduces panel space; less cost

#### Touch-safe terminals

- Increases safety for installer/user

#### No mercury

- Environmentally safe product

#### Faster switching with solid state

- Saves energy and extends heater life

#### UL® 508 listed, C-UL® and CE with filter

- Meets applications requiring agency approval

#### Back-to-back SCR design

- Insures a rugged design

#### On-board semiconductor fusing

- Provides quick access with no extra mounting necessary



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ISO 9001



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Winona, Minnesota USA



