



MERCURY DISPLACEMENT INDUSTRIES, INC.

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SS90DU-1P



E 62767
Industrial Control
Equipment



- Zero Cross Switching - Single Phase
- Rated Voltage: 42 - 600 V +10% -15% on max.
- **Line & Load accepts: 3-10 AWG**
- Control Voltage: 5 - 32 V.D.C.
- Rated Current: 85 AAC @ 40°C (Refer to Chart)
18 AAC AC-53a @ 25°C
- Blocking Voltage: 1200 Vp
- Min. operational current: 400 mAAC
- I²t (10ms) 6600 A²s

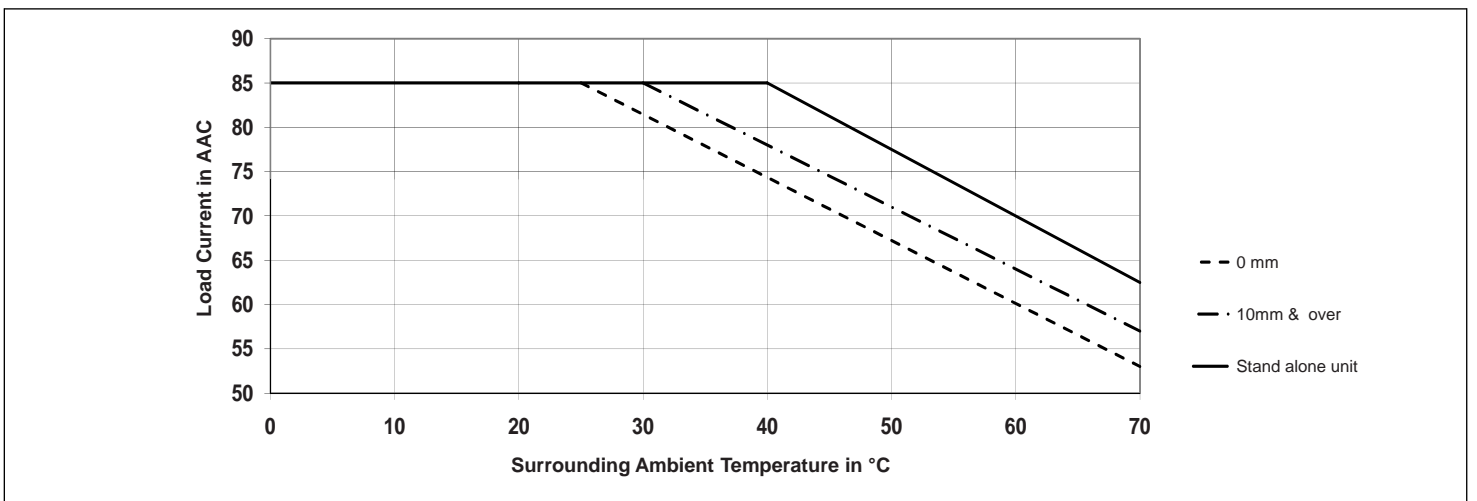
Terminal Layout and Dimensions

SS.90DU-1

| | |
|---|---|
| <p>1/L1: Supply connection 2/T1: Load connection A1 (+): Positive control signal (Positive supply in case of SS.90DU-1P) A2 (-): Control ground</p> | <p>IN1: Control signal (only for SS.90DU-1P) IN2: Fan + supply (only for SS.90AU-1P) IN3: Fan - supply (only for SS.90AU-1P) 11 + : Alarm output (+) OUT, 12 - : Alarm output (-)</p> |
|---|---|

* Housing width tolerance +0.02" (0.5mm), -0 as per DIN43880

Derating vs. Spacing Curves @ AC-51 rating



Contactors - Relays - Switches

<http://www.mdus.com>