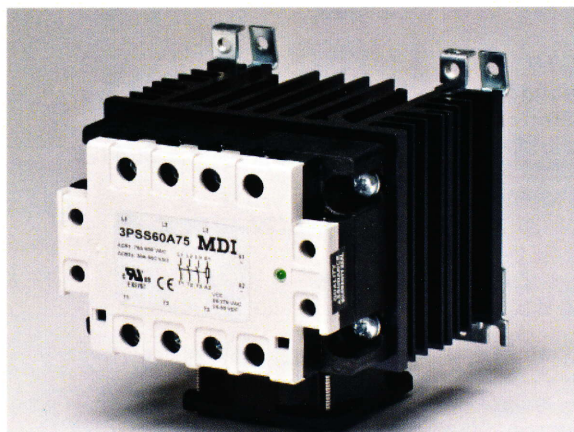


3PSS Series with Suffix S (Standard Din-rail) or R (Retro Fit)

Industrial, 3-Phase SS



3PSS60A75 S
3PSS60D75 S Standard Din-Rail
3PSS60A75 R
3PSS60D75 R Retro Fit

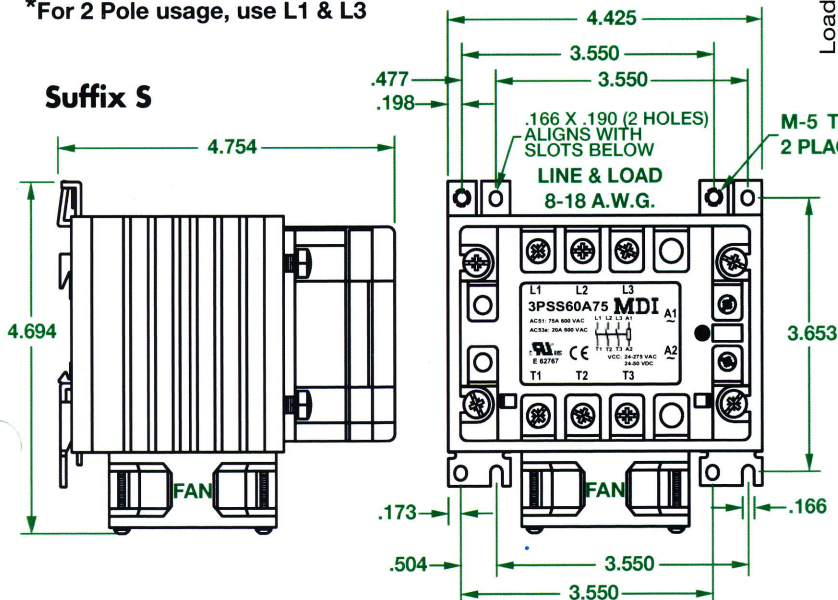
General Specifications

Operational voltage range	42-660 VAC 45 to 65 Hz
Blocking voltage	1600 _p V
Over voltage category III	Pollution degree 3
Operating temperature	-30° to 80°C (-22° to 158°F)
Storage temperature	-40° to 100°C (-40° to 212°F)
Input to output isolation voltage	≥ 4000 VAC rms
Output to case isolation voltage	≥ 4000 VAC rms
Heat Sink Fan requires	70 mA @ 24 VDC (Included) 55 mA @ 120 VAC (Optional)

Tested and Approved

3 Pole 50 AMPS @ 480 VAC @ -30°C to 50°C 3-Phase
 2 Pole 75 AMPS @ 480 VAC @ -30°C to 50°C 3-Phase *
 51°C to 80°C derates @ 10 AMPS per decade

*For 2 Pole usage, use L1 & L3



- 3-phase Solid State Relay
- Zero switching
- Rated operational current: 3 x 75 AMPS
- Rated operational voltage: 600 VAC
- Control voltage 3PSS60A75 24-50 VDC/24-275 VAC
3PSS60D75 4-32 VDC



- Line & Load accepts: 8-18 AWG
- Integral snubber network
- Built-in varistor
- IP10 back-of-hand protection
- LED indication of control input
- Heat Sink and 24 VDC Fan Included
120 VAC Fan Optional

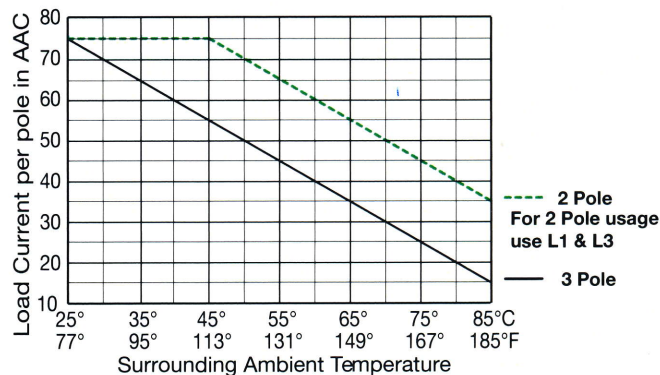
CAUS
 E 354129

Product Description

A Solid State Relay family designed to switch various loads such as heating elements, motors and transformers. The relay is capable of switching voltages up to 600 VAC rms. The built-in varistor is for heavy industrial applications. For higher reliability and load cycle capability three semiconductor power units are bonded directly to the substrate.

Input Specifications

All data specified at Ta=25°C	3PSS60A75	3PSS60D75
Control voltage range	24-275 VAC/24-50 VDC	4-32 VDC
Pick-up voltage	18 VAC/20 VDC	3.8 VDC
Drop-out voltage	9 VAC/DC	1.2 VDC
Input current	≤ 15 mA	≤ 23 mA
Response time pick-up (Power output = 50 Hz)	20 ms	10 ms
Response time drop-out (Power output = 50 Hz)	30 ms	10 ms



Suffix R

Includes Retro Fit Back Plate For direct replacement with standard 2 & 3 pole Mercury Relays. Using the same mounting holes.

