

# 3PSS60D75 R (Retro Ft)



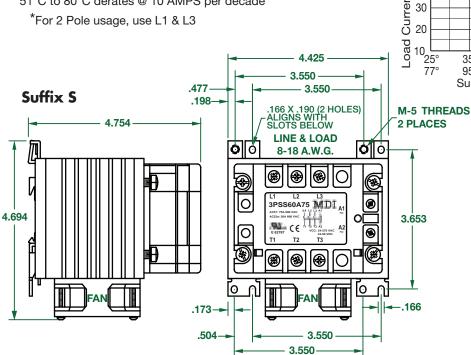
### 3PSS60D75 R

# **General Specifications**

Operational voltage range	42-660 VAC 45 to 65 Hz
Blocking voltage	1600 V <sub>p</sub>
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

# **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



#### 3-phase Solid State Relay

- Zero switching
- Rated operational current: 2 x 75 AMPS or 3 x 50 AMPS
- Rated operational voltage: 600 VAC
- 100kA Short Circuit Current Rating according to UL 508
- Control voltage: 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

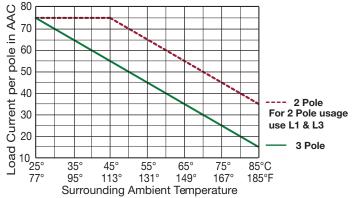


## **Product Description**

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	
Control voltage range	4-32 VDC
Pick-up voltage	3.8 VDC
Drop-out voltage	1.2 VDC
Input current	≤ 23 mA
Response time pick-up	10 ms
(Power output = 50 Hz)	
Response time drop-out	10
(Power output = 50 Hz) e	10 ms



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

