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# PM22 SERIES

PM2260A50V
Panel Mount SSR IP20 600V ac 50A, 90-280V ac/dc In, ZC




- Load current 25, 50 and 95A
- Operating voltage 48-600 VAC
- Control voltage 4-32 VDC and 90-280 VAC/VDC
- Built-in overvoltage protection

### PRODUCT DESCRIPTION

The PM22 Series is a family of 22.5mm wide panel mount Solid State Relays that offer the highest power density in the market with ratings up to 95 Amps at 600 VAC. PM22s have a contactor terminal configuration which includes a plug-in connector for the control input, available in either standard “screw” or “spring cage” terminals. PM22 Series models are C-UL-US and TUV approved.

- Output ratings up to 95 Amps at 600VAC
- Built-in overvoltage protection
- DBC substrate for superior thermal performance
- IP20 touch-safe housing
- AC or DC control
- Zero voltage or instantaneous turn-on output
- 4000 VAC optical isolation
- LED input status indicator
- C-UL-US and TUV approved

# TECHNICAL DATA

## OVERVIEW

| | |
|---|---|
| **Output current** | 50 A |
| **Output voltage** | 48-600V ac |
| **Control voltage** | 90-280V ac/dc |
| **Connection** | Screw connection |
| **Type of control** | Zero voltage turn on |
| **Additional features** | N/A |

## OUTPUT SPECIFICATION

| | |
|---|---|
| **Output voltage** | 48-600V ac |
| **Number of poles** | 1 |

## INPUT SPECIFICATION

| | |
|---|---|
| **Control voltage** | 90-280V ac/dc |
| **Input current min** | 6 mA |

| | |
|---|---|
| **Input current max** | 10 mA |

## GENERAL SPECIFICATION

| | |
|---|---|
| **Temperature operational min** | -40 °C |
| **Temperature operational max** | 80 °C |
| **Storage temperature max** | 100 °C |
| **Storage temperature min** | -40 °C |
| **Weight** | 65 g |
| **Height** | 91.9 mm |
| **Width** | 22.5 mm |
| **Depth** | 30.2 mm |
| **IP class** | IP20 |










