



# POTTER & BRUMFIELD SOLID STATE RELAYS

## Three Phase Motor Reversing SSR3 Series

TE Connectivity (TE)'s Potter & Brumfield Solid State Relays (SSR) are featured in Industrial applications, where silent, fast and long electrical life in switching is required. The SSR3 series will add a motor forward / reverse SSR, which will offer a compact switching solution to customers whose application requirements are not only limited to energization of the motor, but also to control the direction of rotation. With Load ratings ranging from 10 to 40 Amps at 480VAC, the SSR3 series is equipped with random and zero turn-ON switching options. This will offer customers an option to remove the wiring complexities within a panel, assembly time reduction and space utilization especially in applications where three phase loads are to be operated.

### BENEFITS

- Provides a compact, space saving solution in the panel
- Removes the wiring complexities within a panel
- Zero voltage turn-ON type will reduce inrush currents
- Ability to switch various load options

# Potter & Brumfield Solid State Relays Three Phase Motor Reversing SSR3 Series

## APPLICATIONS

- Conveyor belts
- Escalators
- Sun tracking solar panels
- Large antennas

## ELECTRICAL

- Input voltage: 4 to 32VDC
- Output load: 10, 25 & 40 AMP
- Load voltage: 50-480VAC
- Positive input interlock

## MECHANICAL

- Relay mounting type: panel mount
- IP20 safety cover

## MATERIALS

- UL 94-V0 grade engineering plastics

## STANDARDS

- UL approval: E29244
- CE certification

## PRODUCT INFORMATION

Type	Output Load	Load Voltage	Part Code	Part Number
SSR3 SERIES-TRI, FR, Panel Mount, DC i/p	10A 25A	480V	SSR3TR-480D10	<u>2345984-3</u>
SSR3 SERIES-TRI, FR, Panel Mount, DC i/p	40A 10A		SSR3TR-480D25	<u>2345984-4</u>
SSR3 SERIES-TRI, FR, Panel Mount, DC i/p	25A 40A		SSR3TR-480D40	<u>2345984-5</u>
SSR3 SERIES-TRI, FR, Panel Mount, R-DC i/p			SSR3TR-480D10R	<u>2345984-6</u>
SSR3 SERIES-TRI, FR, Panel Mount, R-DC i/p			SSR3TR-480D25R	<u>2345984-7</u>
SSR3 SERIES-TRI, FR, Panel Mount, R-DC i/p			SSR3TR-480D40R	<u>2345984-8</u>

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