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POTTER & BRUMFIELD SOLID STATE RELAYS

Three Phase 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. SSR3 series will add a three phase relay option to our SSR range of products. Which is three individual single phase solid state relays packaged in a single housing, having a common input, to energize each SSR simultaneously. With load ratings ranging from 10 up to 75 Amps at 480VAC, SSR3 series has a unique wide range of part numbers including its AC and DC input options. This will offer customers an option to reduce the wiring complexities, assembly time reduction and space utilization especially in applications where the three phase loads are to be operated.

BENEFITS

- Provides a compact, space saving solution in the panel
- Removes the wiring complexities within a panel
- Addition of panel mountable option expands product portfolio
- Ability to switch various load options
- Reduces assembly time

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Potter & Brumfield Solid State Relays Three Phase SSR3 Series

APPLICATIONS

- **Blow molding machines**
- **Coffee machines**
- **Conveyor trolley**
- **Industrial furnaces**
- **Motor control**
- **Plastic injection machines**

ELECTRICAL

- **Input voltage:** 90-280VAC & 4-32VDC
- **Output load:** 10, 16, 25, 40, 50 & 75 AMP
- **Load voltage:** 48-480VAC

MECHANICAL

- **Relay mounting type:** panel mount
- **IP20 safety cover**

MATERIALS

- **UL 94-V0 grade engineering plastics**

SPECIFICATIONS

- **UL approval:** E29244
- **CE certification**

PRODUCT INFORMATION

Type	Output Load	Load Voltage	Part Code	Part Number
SSR3 SERIES-SCR, Panel Mount, AC i/p	40A	480V	SSR3S-480A40	2345984-7
SSR3 SERIES-SCR, Panel Mount, AC i/p	50A		SSR3S-480A50	2345984-8
SSR3 SERIES-SCR, Panel Mount, AC i/p	75A		SSR3S-480A75	2345984-9
SSR3 SERIES-SCR, Panel Mount, DC i/p	40A		SSR3S-480D40	1-2345984-5
SSR3 SERIES-SCR, Panel Mount, DC i/p	50A		SSR3S-480D50	1-2345984-6
SSR3 SERIES-SCR, Panel Mount, DC i/p	75A		SSR3S-480D75	1-2345984-7
SSR3 SERIES-SCR, Panel Mount, R-DC i/p	40A		SSR3S-480D40R	2-2345984-1
SSR3 SERIES-SCR, Panel Mount, R-DC i/p	50A		SSR3S-480D50R	2-2345984-2

Type	Output Load	Load Voltage	Part Code	Part Number
SSR3 SERIES-TRI, Panel Mount, AC i/p	10A	480VAC	SSR3T-480A10	2345984-1
SSR3 SERIES-TRI, Panel Mount, AC i/p	16A		SSR3T-480A16	2345984-2
SSR3 SERIES-TRI, Panel Mount, AC i/p	25A		SSR3T-480A25	2345984-5
SSR3 SERIES-TRI, Panel Mount, AC i/p	40A		SSR3T-480A40	2345984-6
SSR3 SERIES-TRI, Panel Mount, DC i/p	10A		SSR3T-480D10	1-2345984-1
SSR3 SERIES-TRI, Panel Mount, DC i/p	16A		SSR3T-480D16	1-2345984-2
SSR3 SERIES-TRI, Panel Mount, DC i/p	25A		SSR3T-480D25	1-2345984-3
SSR3 SERIES-TRI, Panel Mount, DC i/p	40A		SSR3T-480D40	1-2345984-4
SSR3 SERIES-TRI, Panel Mount, R-DC i/p	10A		SSR3T-480D10R	1-2345984-9
SSR3 SERIES-TRI, Panel Mount, R-DC i/p	25A		SSR3T-480D25R	2-2345984-0

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