# POTTER & BRUMFIELD SOLID STATE RELAYS SSRK SSRM Series

TE Connectivity's (TE) Potter & Brumfield solid state relays are featured in Industrial applications, where silent, fast and long electrical life in switching is required. They are used in heating, lighting, industrial automation and industrial machinery applications. SSRK and SSRM series are mounted on DIN Rail for loads up to 65A and 600VAC.



## Applications

#### Heating Control

- Plastic molding machinery
- HVAC & Refrigeration
- Professional food equipment

#### Industrial Automation

Industrial Machinery

## Electrical

- 10A, 20A and 30A Load Current
- 240VAC or 600VAC Load Voltage
- Zero-cross switching
- AC or DC Input Control
- 4000V rms optical isolation
- SCR Output for heavy industrial load

## **Mechanical**

- DIN Rail Mounting
- 22.5 or 45mm wide
- Ships with integrated Heatsink

# Specifications

• UL approval:

E29244

## **Materials**

• Heatsink:	Black Anodized Aluminum
<ul> <li>Heat Dissipation:</li> </ul>	Aluminum clad
<ul> <li>Engineering Plastics:</li> </ul>	UL 94-V0

### **Benefits**

- Allows for high heat dissipation with integrated heatsink
- Save cabinet space with slim 22.5mm profile with DIN Rail mounting
- Easy installation with finger-safe (IP20) screw clamp terminals for load and control



## **Product Selection Information**

SSRK Series - Solid State Relay, DIN Rail Mount with Paired SCR Output, Integral Heatsink

	Part Number	Part Code	Description
10. 5 m	<u>9-1393030-1</u>	SSRK-240A30	30A, 240VAC - AC Input
	<u>7-1393030-1</u>	SSRK-600A30	30A, 600VAC - AC Input
	<u>9-1393030-3</u>	SSRK-240D20	20A, 240VAC - DC Input
	<u>9-1393030-4</u>	SSRK-240D30	30A, 240VAC - DC Input
	<u>6-1393030-8</u>	SSRK-600D30	30A, 600VAC - DC Input

For more part numbers see the <u>SSRK Series data sheet</u> on <u>te.com</u>

#### SSRM Series - Solid State Relay, DIN Rail Mount with Paired SCR Output, Integral Heatsink

	Part Number	Part Code	Description
	<u>7-1393030-5</u>	SSRM-600A45	45A, 600VAC - AC Input
	<u>7-1393030-2</u>	SSRM-600D45	45A, 600VAC - DC Input
0	<u>7-1393030-4</u>	SSRM-600D65	65A, 600VAC - DC Input

For more part numbers see the <u>SSRM Series data sheet</u> on <u>te.com</u>

#### **Dimensions**



#### te.com

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BLACK ANODIZED ALUMINUM HEATSINK

