



## Schneider Electric Relays

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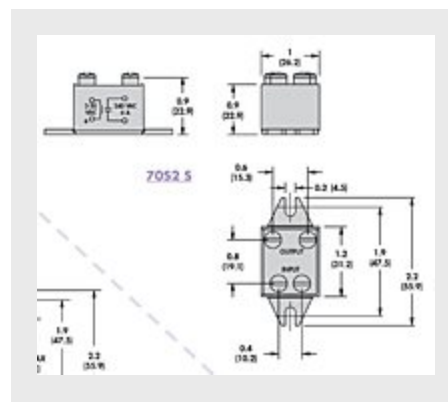
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### ITEM # 70S2-06-C-12-S, 70S2 SERIES SOLID STATE RELAY / S STYLE, 12 AMP RATING

#### 70S2 Series Relays:

- Excellent thermal performance
- Designed for medium-power loads
- Ideal for designs where space is limited
- Triac output for AC loads
- MOSFETs for DC loads
- Optical isolation protects the control from transients



[SPECIFICATIONS](#) | [OUTPUT CHARACTERISTICS](#) | [INPUT CHARACTERISTICS](#) | [MISCELLANEOUS CHARACTERISTICS](#) | [PRODUCT CERTIFICATIONS](#)

Specifications		—
<b>Check Inventory</b>	<a href="#">Check Distributor Inventory</a>	
<b>Status</b>	Standard	
<b>Mounting Type</b>	Panel Mount	
Output Characteristics		—
<b>Contact Rating</b>	12 A	
<b>Contact Configuration</b>	SPST-NO	
<b>Output Voltage Range</b>	24 to 280 VAC	
<b>Switching Type</b>	Zero Cross	

<b>Switching Device</b>	Triac
<b>Maximum Rate of Rise Off State Voltage [dv/dt]</b>	300 V/us
<b>Min. Load Current to Maintain On</b>	100 mA
<b>Non-Repetitive Surge Current (1 cycle)</b>	300 A
<b>Max. Off State Leakage Current [rms]</b>	6 mA
<b>Minimum Peak Blocking Voltage</b>	600 VAC
<b>Typical On State Voltage Drop [rms]</b>	1.6 VAC

#### Input Characteristics

<b>Input Voltage Range</b>	6 to 30 VDC
<b>Must Release Voltage</b>	1 VDC
<b>Typical Input Current</b>	1 to 17 mA
<b>Maximum Reverse Control Voltage</b>	3 VDC

#### Miscellaneous Characteristics

<b>Thermal Resistance (Junction to Case)</b>	4 °C/W
<b>Dielectric Strength, Terminals to Chassis</b>	3000 VAC
<b>Ambient Air Temperature around the Device - Storage</b>	-40 to +125 °C
<b>Ambient Air Temperature around the Device - Operation</b>	-40 to +100 °C
<b>Weight</b>	1.70 oz 47 g

#### Product Certifications

<b>Agency Approvals</b>	UL (E258297) CSA (040787) RoHs
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