

## 6490AXXSRS-DC3

Relay, SE Relays, solid state, SPST NO, 90A, 48...530 VAC, 3...32 VDC Uc, triac random switching, screw terminal



### Main

Range	Legacy
Product Type	Solid state relay
Maximum output current	90 A AC
Mounting Support	Panel
Network Number of Phases	1 phase
Output Voltage	48...530 V AC
Control Circuit Voltage	3...32 V DC

### Complementary

Holding Current	150 mA
Switch Function	SPST
Contacts Type and Composition	NO
Protection Type	Reverse polarity protection
Tightening Torque	10 lb.in for input 20 lb.in for output
Connections Terminals	Input screw clamp terminal, 1 Output screw clamp terminals, 1
Screw Type	M3.5 M6
Local Signalling	for input status 1 LED (green)
Switching Device	SCR output Random voltage switching
Maximum Peak Voltage	800 V
Surge Current	1350 A 16.6 ms
Must Release Voltage	1 V
Voltage Drop	<1.6 V on-state AC
Power Factor	1
Insulating Resistance	1 GΩ
Thermal Resistance	0.28 °C/W
Maximum I <sup>2</sup> t for fusing	5976 A <sup>2</sup> .s

Leakage Current	10 mA
Response Time	0 ns 8.33 ms (turn-off)
Dielectric Strength	4000 V between input and ground 4000 V between output and ground 4000 V between input and output
Height	1.39 in (35.3 mm)
Width	1.85 in (47.1 mm)
Depth	2.30 in (58.4 mm)
Product Weight	3.70 oz (105 g)

## Environment

Product Certifications	UL CSA CE
IP Degree of Protection	IP20

## Ordering and shipping details

GTIN	03606480791864
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## Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Connections and Wiring Diagrams

