

# Product data sheet

Specifications



Relay, SE Relays, solid state, SPST NO, 25A, 24V to 280V AC, 18V to 28V AC Uc, SCR AC zero cross, screw terminal

6225AXXSZS-AC18

⚠ Discontinued

⚠ Discontinued on: Aug 7, 2023

**Product availability: Non-Stock - Not normally stocked in distribution facility**

## Main

Range	Legacy
Product Type	Solid state relay
maximum output current	25 A AC
Mounting Support	Panel
Network Number of Phases	1 phase
Output Voltage	24...280 V AC
Control Circuit Voltage	18...36 V AC

## Complementary

Input Impedance	1.5 kOhm
Holding Current	40 mA
Input Current Limits	3 mA typical
Switch Function	SPST
Contacts Type and Composition	NO
Protection Technology	Current limiter
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	1 LED (green) for input status
Switching Device	SCR output Zero voltage switching
Surge Current	250 A 16.6 ms
Must Release Voltage	4 V
Power Factor	1
Insulating Resistance	1 GΩ
Maximum I <sup>2</sup> t for fusing	259 A <sup>2</sup> .s
Leakage Current	10 mA
Response Time	10 ms (turn-on)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Dielectric Strength</b>	4000 V between input and ground 4000 V between output and ground 4000 V between input and output
<b>Height</b>	1.4 in (35.3 mm)
<b>Width</b>	1.9 in (47.1 mm)
<b>Depth</b>	2.3 in (58.4 mm)
<b>Product Weight</b>	3.7 oz (105 g)

## Environment

<b>Product Certifications</b>	UL CSA CE
<b>IP Degree of Protection</b>	IP20
<b>Ambient Air Temperature for Operation</b>	-40...176 °F (-40...80 °C)
<b>Ambient Air Temperature for Storage</b>	-40...257 °F (-40...125 °C)

## Ordering and shipping details

<b>Category</b>	US10CP221127
<b>Discount Schedule</b>	0CP2
<b>GTIN</b>	3606480791680
<b>Returnability</b>	No

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	2.280 in (5.791 cm)
<b>Package 1 Width</b>	1.738 in (4.414 cm)
<b>Package 1 Length</b>	1.41 in (3.59 cm)
<b>Package weight(Lbs)</b>	3.05 oz (86.5 g)

## Contractual warranty

<b>Warranty (in months)</b>	18
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	134201bc-d293-4667-9cca-10a7f11729e0
California proposition 65	<b>WARNING:</b> 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>

### Use Longer

Lifetime extension	
Repair	No

Connections and Schema

Connections and Wiring Diagrams

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