

# Product data sheet

## Characteristics

# SSR620DIN-AC22

Relay, SE Relays, solid state, SPST NO, 20A, 48...660 VAC, 90...280 VAC Uc, SCR, AC zero cross, 22 mmm



### Main

Range	Legacy
Product Type	Solid state relay
Maximum output current	20 A
Mounting Support	Panel DIN rail
Network Number of Phases	1 phase
Output Voltage	48...660 V AC

### Complementary

Input Current Limits	5 mA at 240 V AC typical
Switch Function	SPST
Contacts Type and Composition	NO
Tightening Torque	0.6...0.7 N.m for input 0.6...0.7 N.m for output
Connections Terminals	Input screw AWG 10) Output screw AWG 10)
Local Signalling	For input status 1 LED (green)
Switching Voltage	110 V AC turn-on 18 V AC turn-off
Switching Device	SCR output Zero voltage switching
Maximum Peak Voltage	1200 V
Surge Current	250 A 16.6 ms
Voltage Drop	<1.6 V on-state
Maximum $I^2t$ for fusing	260 A <sup>2</sup> .s 8.3 ms
Leakage Current	1 mA at off-state
DV/dt	500 V/μs off-state maximum
Response Time	10 ms (turn-on) 40 ms (turn-off)
Height	3.85 in (97.7 mm)
Width	0.88 in (22.4 mm)
Depth	3.15 in (80 mm)
Product Weight	9.88 oz (280 g)

### Environment

Product Certifications	CSA CE
Ambient Air Temperature for Operation	-40...176 °F (-40...80 °C)
Ambient Air Temperature for Storage	-40...257 °F (-40...125 °C)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Ordering and shipping details

GTIN	3606480282898
Nbr. of units in pkg.	1
Package weight(Lbs)	9.59 oz (272.0 g)

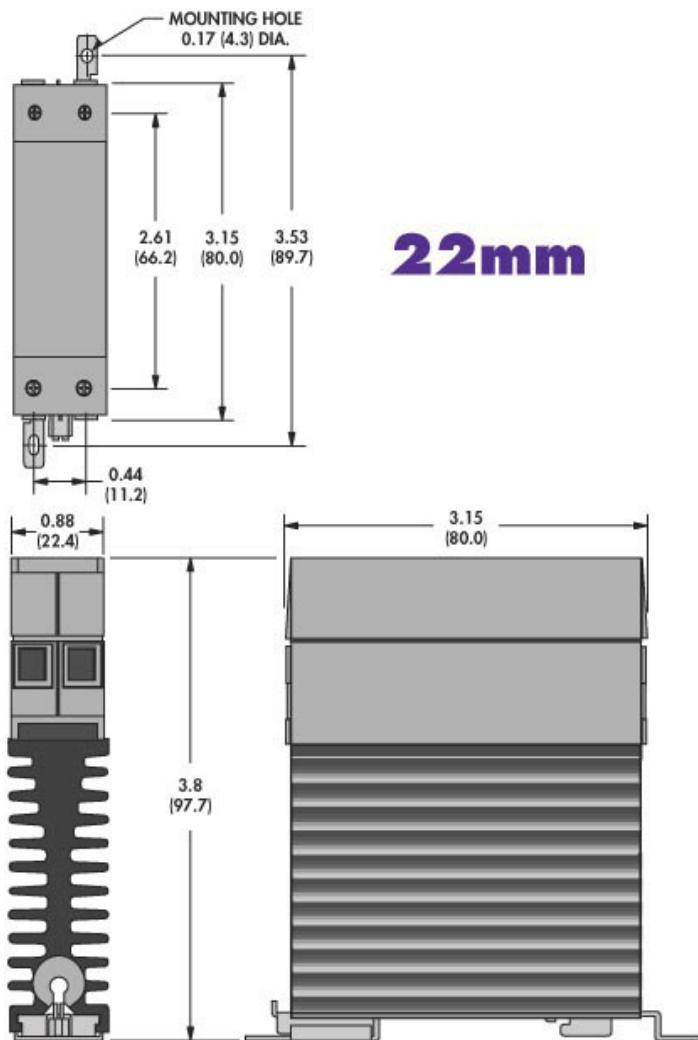
## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.53 in (8.97 cm)
Package 1 width	0.88 in (2.24 cm)
Package 1 Length	3.85 in (9.77 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
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	 Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Approximate Dimensions



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Connections and Wiring Diagrams

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