

# SSR220DIN-DC22

Relay, SE Relays, solid state, SPST NO, 20A,  
24 to 480 VAC, 4 to 32 VDC U<sub>c</sub>, SCR, AC zero  
cross, 22 mm

## 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	24...280 V AC

## Complementary

Input Current Limits	8...12 mA at 32 V DC 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	4 V DC turn-on 1 V DC turn-off
Switching Device	SCR output Zero voltage switching
Maximum Peak Voltage	600 V
Surge Current	250 A 16.6 ms
Voltage Drop	<1.6 V on-state
Maximum I <sup>2</sup> t for fusing	260 A <sup>2</sup> .s 8.3 ms
Leakage Current	10 mA at off-state
DV/dt	500 V/μs off-state maximum
Response Time	8.33 ms (turn-on, turn-off)
Height	3.8 in (97.7 mm)
Width	0.9 in (22.4 mm)
Depth	3.1 in (80 mm)
Product Weight	9.9 oz (280 g)

## Environment

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



## Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2
GTIN	3606480282799
Returnability	No
Country of origin	US

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.20 in (3.048 cm)
Package 1 Width	4.30 in (10.922 cm)
Package 1 Length	4.30 in (10.922 cm)
Package 1 Weight	10.400 oz (294.835 g)

## 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>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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.