

# SSRDCDS20A1

solid state relay - DIN rail mount - input 4-32 V DC, output 24-280 V AC, 20A

Product availability : Stock - Normally stocked in distribution facility



## Main

Range of product	Zelio Relay
Product or component type	Solid state relay
Device short name	SSR
Phase	1 phase
Mounting support	Symmetrical DIN rail
Line Rated Current	20 A
Output voltage	24...280 V AC
[Uc] control circuit voltage	4...32 V DC

## Complementary

Contacts type and composition	1 NO
Tightening torque	5.31...6.19 lbf.in (0.6...0.7 N.m) input 5.31...6.19 lbf.in (0.6...0.7 N.m) output
Connections - terminals	Screw terminals 1 x 0.2...1 x 5.3 mm <sup>2</sup> input - AWG 24...AWG 10 Screw terminals 1 x 0.2...1 x 5.3 mm <sup>2</sup> output - AWG 24...AWG 10
Local signalling	LED green input status
Switching voltage	4 V DC turn-on 1 V DC turn-off
Input current limits	8...12 mA
Solid state output type	SCR output Zero voltage switching
Load current	0.15...20 A
Absolute maximum 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 off-state
DV/Dt	500 V/μs off-state at maximum voltage

Response time	0.5 cycle turn-on 0.5 cycle turn-off
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## Environment

Standards	CSA LR 40487 IEC 60950-1 IEC 62314 UL E258297
Marking	CE
IP degree of protection	IP20
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	22375 - INTERFACE MODULE(ABA,R,S)
Discount Schedule	CP2
GTIN	00785901897439
Nbr. of units in pkg.	1
Package weight(Lbs)	0.6500000000000002
Returnability	Y
Country of origin	MX

## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0940 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>

## Contractual warranty

Warranty period	18 months
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