

SSRPCDS50A1

solid state relay - panel mounting - input 3-32 V DC, output 24-280 V AC, 50A



 Discontinued

SSRPCDS50A1 has not been replaced. Please contact your customer care center for more information.

Main

Range of product	Zelio Relay
Product or component type	Solid state relay
Device short name	SSR
Phase	1 phase
Mounting support	Panel
Line Rated Current	50 A
Output voltage	24...280 V AC
[Uc] control circuit voltage	3...32 V DC

Complementary

Contacts type and composition	1 NO
Tightening torque	Input : <= 1.1 N.m Output : <= 2.2 N.m
Local signalling	LED green input status
Switching voltage	1 V DC turn-off 3 V DC turn-on
Input current limits	10 mA
Solid state output type	SCR output Zero voltage switching
Load current	0.15...50 A
Absolute maximum voltage	600 V
Surge current	625 A 16.6 ms
Voltage drop	1.6 V on-state
Thermal resistance	0.63 °C/W
Maximum I ² t for fusing	1620 A ² .s 8.3 ms
Leakage current	<= 1 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

Environment

Standards	UL E258297 CSA LR 40487
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IEC 60950-1
IEC 62314

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	00785901816324
Nbr. of units in pkg.	1
Package weight(Lbs)	0.27000000000000002
Returnability	N
Country of origin	MX

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0940 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
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Contractual warranty

Warranty period	18 months
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