

SSRDP8S30A1

solid state relay - DIN rail mount - input 90-280 V AC, output 24-280 V AC, 30A



SSRDP8S30A1 has not been replaced. Please contact your customer care center for more information.

 Discontinued

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	30 A
Output voltage	24...280 V AC
[Uc] control circuit voltage	90...280 V AC

Complementary

Contacts type and composition	1 NO
Tightening torque	Input : 0.6...0.7 N.m Output : 0.6...0.7 N.m
Connections - terminals	Screw terminals 1 x 0.2...1 x 5.3 mm ² input - AWG 24...AWG 10 Screw terminals 1 x 0.2...1 x 5.3 mm ² output - AWG 24...AWG 10
Local signalling	LED green input status
Switching voltage	90 V AC turn-on 10 V AC turn-off
Input current limits	2...4 mA
Solid state output type	Zero voltage switching SCR output
Load current	0.15...30 A
Absolute maximum voltage	600 V
Surge current	625 A 16.6 ms
Voltage drop	1.6 V on-state
Maximum I ² t for fusing	1620 A ² .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

Environment

Standards	UL E258297
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CSA LR 40487
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	00785901917892
Nbr. of units in pkg.	1
Package weight(Lbs)	0.6600000000000003
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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