

# SSRPP8S25A1

solid state relay - panel mounting - input 90-280 V AC, output 24-280 V AC, 25A



ⓘ Discontinued

SSRPP8S25A1 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	25 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 : <= 1.1 N.m Output : <= 2.2 N.m
Local signalling	LED green input status
Switching voltage	90 V AC turn-on 10 V AC turn-off
Input current limits	6 mA
Solid state output type	Zero voltage switching SCR output
Load current	0.15...25 A
Output sustained overvoltage	600 V
Surge current	250 A 16.6 ms
Voltage drop	1.6 V on-state
Thermal resistance	1.02 °C/W
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

## 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	00785901693154
Nbr. of units in pkg.	1
Package weight(Lbs)	0.27000000000000002
Returnability	N
Country of origin	MX

### Offer Sustainability

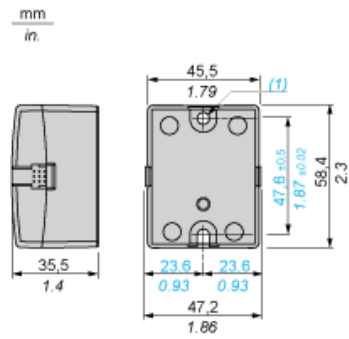
RoHS (date code: YYWW)	Compliant - since 0940 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
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### Contractual warranty

Warranty period	18 months
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Dimensions

Panel Mounting



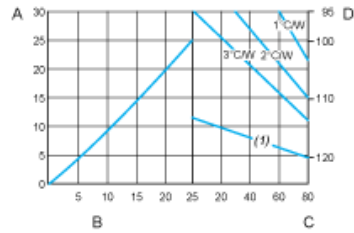
(1)  $\text{Ø}4.9 \pm 0.25 \text{ mm} / \text{Ø}0.016 \pm 0.0098 \text{ in. hole}$

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Thermal Derating Curves

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25 A Relays



- A: Power dissipation
- B: Load current (Arms)
- C: Max. ambient temperature (°C)
- D: Base plate temperature (°C)
- (1) No heat sink

Note : These are typical curves, actual durability depends on load, environment, duty cycle, etc.