

SSRPCDM12D5

solid state relay - panel mounting - input 3-32 V DC, output 3-100 V DC, 12A

Stock Code: Non-Stock - Not normally stocked in distribution facility



Main

Commercial Status	Commercialised
Range of product	Zelio Relay
Product or component type	Solid state relay
Device short name	SSR
Network number of phases	1 phase
Mounting support	Panel
[In] rated current	12 A
Output voltage	3...100 V DC
Control circuit voltage	3...32 V DC

Complementary

Contacts type and composition	1 NO
Tightening torque	<= 2.2 N.m for output <= 1.1 N.m for input
Local signalling	Without LED
Switching voltage	3.5 V DC turn-on 1 V DC turn-off
Input current limits	1.6...28 mA
Solid state output type	Mosfet output DC switching
Load current	0...12 A
Surge current	28 A for 10 ms
Voltage drop	1.6 V on-state
Thermal resistance	1.34 °C/W
Leakage current	<= 0.2 mA off-state
Response time	0.1 ms turn-off 0.1 ms turn-on

Environment

Standards	UL E258297 CSA LR 40487 IEC 60950-1 IEC 62314
Marking	CE
IP degree of protection	IP20
Ambient air temperature for operation	-40...80 °C
Ambient air temperature for storage	-40...125 °C

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Ordering and shipping details

Category	22375 - INTERFACE MODULE(ABA,R,S)
Discount Schedule	CP2
GTIN	00785901944850
Nbr. of units in pkg.	1
Package weight(Lbs)	0.28
Stock Code	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	MX

Offer Sustainability

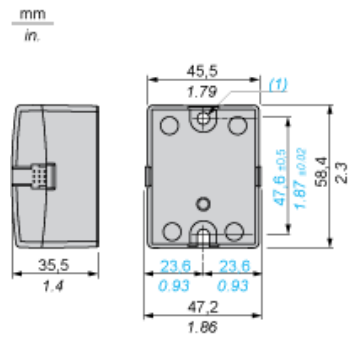
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0940 - Schneider Electric declaration of conformity

Contractual warranty

Period	18 months
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Dimensions

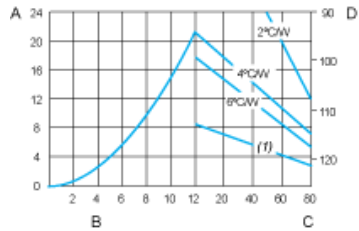
Panel Mounting



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

Thermal Derating Curves

12 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.