

Product data sheet

Specifications



solid state relay - panel mounting -
input 3-32 V DC, output 3-100 V DC,
25A

SSRPCDM25D5

⚠ Discontinued on: Jan 29, 2021

⚠ Discontinued

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	3...100 V DC
[Uc] control circuit voltage	3...32 V DC

Complementary

Contacts type and composition	1 NO
Tightening torque	<= 1.1 N.m for input <= 2.2 N.m for output
Local signalling	Without LED
Switching voltage	1 V DC turn-off 3.5 V DC turn-on
Input current limits	1.6...28 mA
Solid state output type	Mosfet output DC switching
Load current	0...25 A
Surge current	51 A 10 ms
Maximum voltage drop	<2.1 V on-state
thermal resistance	0.83 °C/W
Maximum leakage current	0.3 mA off-state
Response time	0.1 ms (turn-on) 0.1 ms (turn-off)

Environment

Standards	UL E258297 IEC 60950-1 IEC 62314 CSA LR 40487
Marking	CE
IP degree of protection	IP20

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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	00785901746775
Returnability	No
Country of origin	MX

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

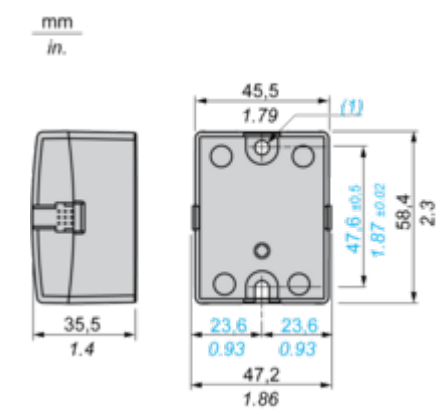
Use Longer

Lifetime extension	
Repair	No

Dimensions Drawings

Dimensions

Panel Mounting

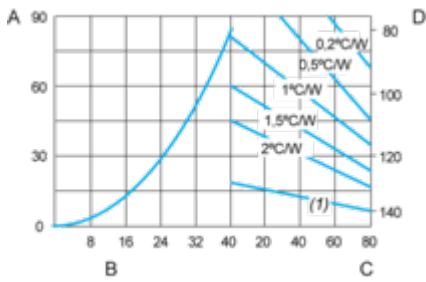


(1) Ø4.9 ±0.25 mm / Ø0.016 ±0.0098 in. hole

Performance Curves

Thermal Derating Curves

25 A and 40 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.

Technical Illustration

Dimensions

