

SSRPCDM25D5

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

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 | 25 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...25 A |
| Surge current | 51 A for 10 ms |
| Voltage drop | 2.1 V on-state |
| Thermal resistance | 0.83 °C/W |
| Leakage current | <= 0.3 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 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein. *Prices are indicative

Ordering and shipping details

| | |
|-----------------------|---|
| Category | 22375 - INTERFACE MODULE(ABA,R,S) |
| Discount Schedule | CP2 |
| GTIN | 00785901746775 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.26 |
| Stock Code | Non-Stock - Not normally stocked in distribution facility |
| Returnability | N |
| Country of origin | MX |

Offer Sustainability

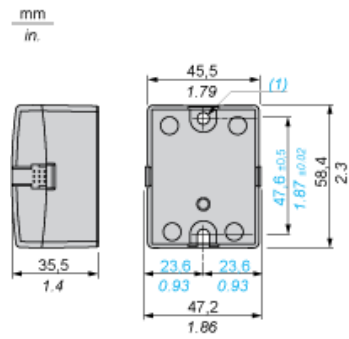
| | |
|--------------------------|---|
| Sustainable offer status | Not Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0940 - Schneider Electric declaration of conformity |

Contractual warranty

| | |
|--------|-----------|
| Period | 18 months |
|--------|-----------|

Dimensions

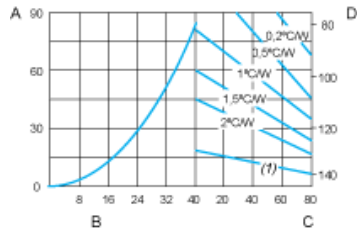
Panel Mounting



(1) $\text{Ø}4.9 \pm 0.25 \text{ mm} / \text{Ø}0.16 \pm 0.0098 \text{ in. hole}$

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.