

SSRPCDM40D5

solid state relay - panel mounting - input 3-32 V DC, output 3-100 V DC, 40A



ⓘ Discontinued

SSRPCDM40D5 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	40 A
Output voltage	3...100 V DC
[Uc] control circuit voltage	3...32 V DC

Complementary

Contacts type and composition	1 NO
Tightening torque	Input : <= 1.1 N.m Output : <= 2.2 N.m
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...40 A
Surge current	106 A 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-on 0.1 ms turn-off

Environment

Standards	IEC 60950-1 UL E258297 IEC 62314 CSA LR 40487
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	00785901974109
Nbr. of units in pkg.	1
Package weight(Lbs)	0.26000000000000001
Returnability	N
Country of origin	MX

Offer Sustainability

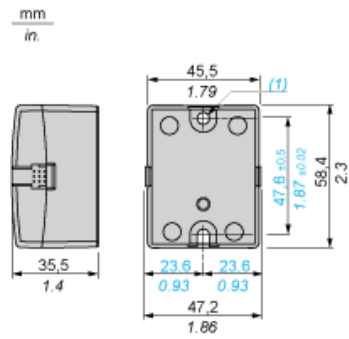
RoHS (date code: YYWW)	Compliant - since 0940 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
------------------------	---

Contractual warranty

Warranty period	18 months
-----------------	-----------

Dimensions

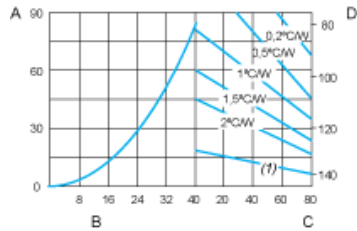
Panel Mounting



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

Thermal Derating Curves

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.