

1-DC SERIES RELAY

D1D12K

Panel Mount SSR 100V dc 12A, 3.5-32V dc In, FET
Output



- Load current 7A to 40A
- Operating voltage 100VDC to 500VDC
- Control voltage 3.5-32 VDC



PRODUCT DESCRIPTION

With MOSFET output, this 1-DC Series Panel Mount DC Solid State Relay offers reliable fast switching of DC loads through low On-State resistance. Power ratings for this DC output SSR range up to 100 Amps at 100 VDC and 10 Amps at 500 VDC.

The 1-DC Series panel mount DC SSR also features:

- DC control input: 3.5-32 VDC
- Epoxy-free design which reduces internal stress
- EMC compliant to Level 3
- High PWM switching capability (up to 5 kHz on selected models)
- UL approved, CE compliant to EN60950-1
- Low-impedance MOSFET output minimizes total power dissipation
- Easily paralleled for high-current applications

TECHNICAL DATA

OVERVIEW

Output current	12 A
Output voltage	1-100V dc
Control voltage	3-32V dc
Connection	Screw connection
Additional features	Hex standoff termination

OUTPUT SPECIFICATION

Output voltage	1-100V dc
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Number of poles 1

INPUT SPECIFICATION

Control voltage 3-32V dc

Input current min 10 mA

Input current max 15 mA

GENERAL SPECIFICATION

Temperature operational min -40 °C

Temperature operational max 100 °C

Storage temperature max 125 °C

Storage temperature min -40 °C

Weight 75.5 g

Height 57.3 mm

Width 44.5 mm

Depth 26.4 mm

