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1-DC SERIES RELAY

D1D20K
Panel Mount SSR 100V dc 20A, 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	20 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
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







