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CROUZET - GND SERIES SOLID STATE RELAY

Panel Mount - DC Output

84137850N
SSR 10A 5-200 VDC Out 4-32 VDC In



- DC Switching
- Output current 10 - 40 Amps
- Built-in overvoltage protection
- LED input status indicator

PRODUCT DESCRIPTION

TECHNICAL DATA

INPUT DATA

Control voltage	4-32V dc
Must turn-off voltage	1V dc
Maximum reverse voltage	-32V dc
LED input status indicator	Green
Input Current Max	35 mA
Input current min	34 mA
Minimum turn-on voltage	3.5V dc

OUTPUT DATA

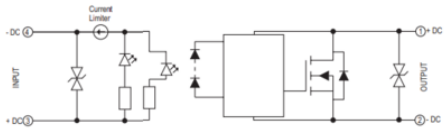
Number of poles	1
Type of control	DC Switching
Minimum Load Current	5 mA rms
Maximum Load Current	20 A rms
Maximum on-state voltage drop	0.97V pk
Maximum turn-off time (ms)	0.02
Maximum turn-on time (ms)	0.02
Maximum off-state leakage current	3 mA rms

Transient Voltage	200 V pk
Minimum heat sink for rated current @ 40 °C	34 °C/W
Output voltage	5-200V dc
Output current	10 A
Thermal resistance junction to case	66 °C/W

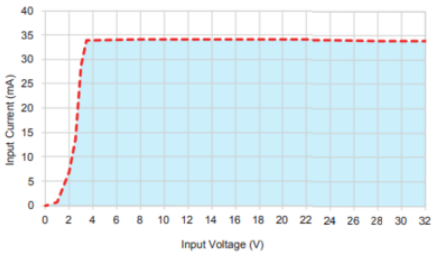
GENERAL DATA

Mounting	Panel mount
Width	445 mm
Depth	291 mm
Height	594 mm
Approvals	CE, cRUus
Material base	Aluminium
Housing material	UL94 V-0
Ambient operating temperature	-25 ... +90°C
Ambient storage temperature	-40 ... +100°C
Weight	80 g

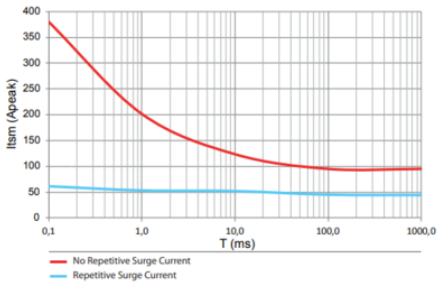
GND Series DC control without ouput protection



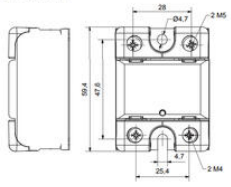
Input current vs Input Voltage
Standard Regulated DC inputs



GND - 10 A

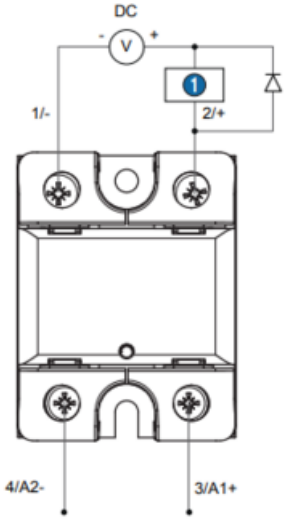


GND front view



GND side view





GND

1 *Load*