

CROUZET - GNAD SERIES SOLID STATE RELAY

Panel Mount - DC Output

84137650N
SSR 10A 5-200 VDC Out 4-32 VDC In

- DC switching
- Output current 10 - 40 Amps
- Cost effective solution
- LED input status indicator



PRODUCT DESCRIPTION

TECHNICAL DATA

OVERVIEW

Output current	10 A
Output voltage	5-200V dc
Control voltage	4-32V dc
Mounting	Panel mount
Type of control	DC Switching

OUTPUT SPECIFICATION

Output voltage	5-200V dc
Maximum Load Current	10 A rms
Minimum Load Current	5 mA rms
Transient Voltage	200 V pk
Maximum off-state leakage current	3 mA rms
Maximum on-state voltage drop	0.97V pk
Thermal resistance junction to case	0,66 °C/W
Minimum heat sink for rated current @ 40 °C	3,1 °C/W
Number of poles	1

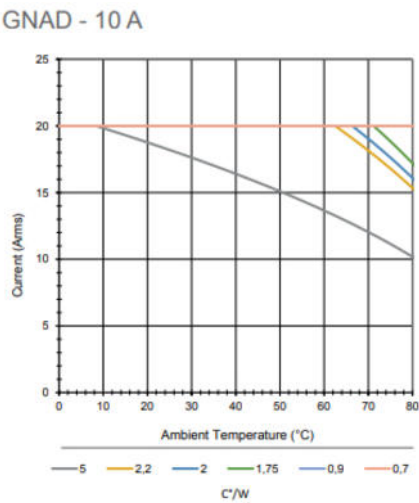
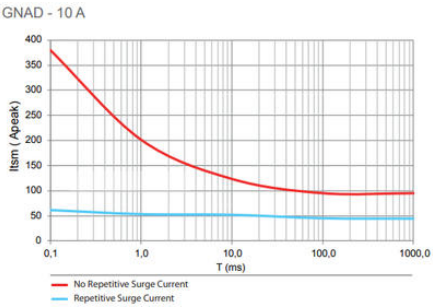
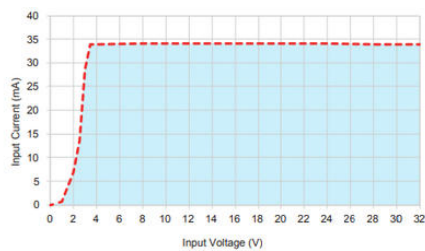
INPUT SPECIFICATION

Control voltage	4-32V dc
Maximum reverse voltage	-32V dc
Minimum turn-on voltage	3.5V dc
Must turn-off voltage	1V dc
Input current min	34 mA
Input Current Max	35 mA
Maximum turn-on time (ms)	0.02
Maximum turn-off time (ms)	0.02

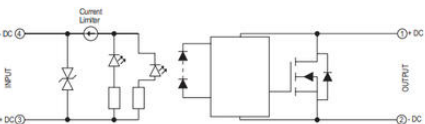
GENERAL SPECIFICATION

Ambient operating temperature	-25 ... +90°C
Ambient storage temperature	-40 ... +100°C
Weight	80 g
Height	59,4 mm
Width	44,5 mm
Depth	29,1 mm
Housing material	UL94 V-0
Material base	Aluminium
LED input status indicator	Green
Approvals	CE, cRUus

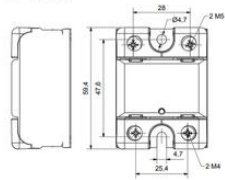
Input current vs Input Voltage
Standard Regulated DC inputs



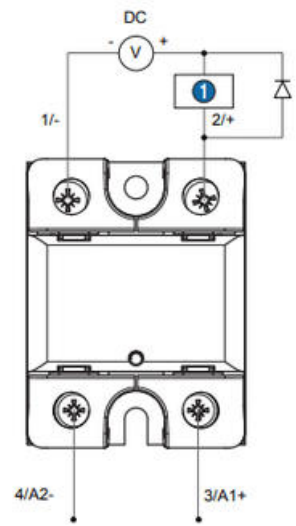
GNAD Series DC control



GNAD front view



GNAD side view



GNAD

1 Load