

CROUZET - GN SERIES SOLID STATE RELAY

Panel Mount - AC Output Single Phase

84137330N
SSR 75A 48-660 VAC Out 4-32 VDC In Ins

- Zero cross or instantaneous switching
- Output current: 10 - 125 Amps
- Built-in over voltage protection (zero cross only)
- LED input status indicator



PRODUCT DESCRIPTION

TECHNICAL DATA

OVERVIEW

Output current	75 A
Output voltage	48-660V ac
Control voltage	4-32V dc
Mounting	Panel mount
Type of control	Instantaneous turn on

OUTPUT SPECIFICATION

Output voltage	48-660V ac
Maximum Load Current	75 A rms
Minimum Load Current	5 mA rms
Transient Voltage	1600 V pk
Maximum off-state leakage current	5 mA rms
1 Second surge current	347 A
Maximum 1 cycle surge current	1100/_ (min) 1200 (typ)
Maximum on-state voltage drop	1.34V
Thermal resistance junction to case	0.3 °C/W
Maximum 1/2 Cycle I ² t for fusing (A ² sec)	6000/7200

Minimum heat sink for rated current @ 40 °C	0.52 °C/W
Number of poles	1

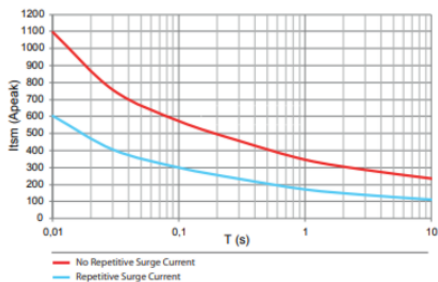
INPUT SPECIFICATION

Control voltage	4-32V dc
Maximum reverse voltage	-32V dc
Minimum turn-on voltage	3V dc
Must turn-off voltage	1V dc
Input current min	10 mA
Input Current Max	14 mA
Maximum turn-on time (ms)	1/2 cycle
Maximum turn-off time (ms)	1/2 cycle

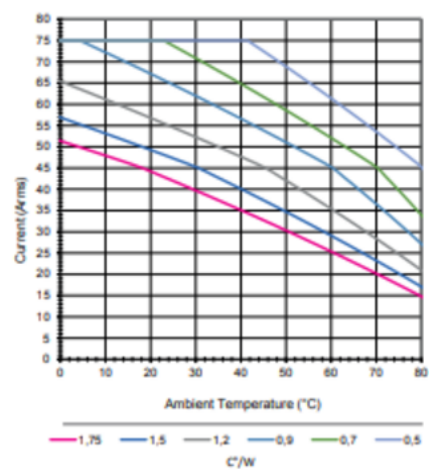
GENERAL SPECIFICATION

Dielectric strength input to output (50/60Hz)	4000 V rms
Ambient operating temperature	-40 ... +80°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, VDE

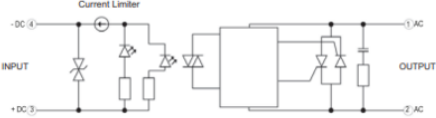
GN - 75 A Instantaneous



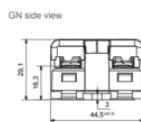
GN - 75 A Instantaneous



GN Series 4-32 V--- control instantaneous



Input Voltage (V)	Input Current (mA)
0	0
2	10
4	10.5
6	11
8	11.2
10	11.5
12	11.8
14	12
16	12.2
18	12.4
20	12.6
22	12.8
24	13
26	13.2
28	13.4
30	13.6
32	13.8



① *Load*