OEM Automatic Ltd
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CROUZET - GNR3 SERIES SOLID STATE RELAY

DIN Rail - AC output Three Phase

GNR25ACZH
SSR 3PH 25A 24-660 VAC Out 24-255 VAC In ZC



- Output current 25 Amps
- Zero cross and Special zero cross (resistive, inductive and capacitive loads)
- LED input status indicator
- Built-in overvoltage protection

PRODUCT DESCRIPTION

TECHNICAL DATA

INPUT DATA

Control voltage	24-255 V AC/DC
Must turn-off voltage	2V ac/dc
LED input status indicator	Green
Input Current Max	7 mArms
Input current min	5 mA (AC) / 4 mA (DC)
Minimum turn-on voltage	24V ac/dc

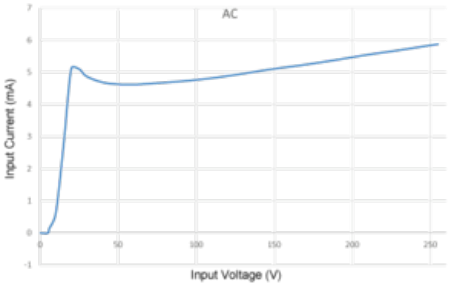
OUTPUT DATA

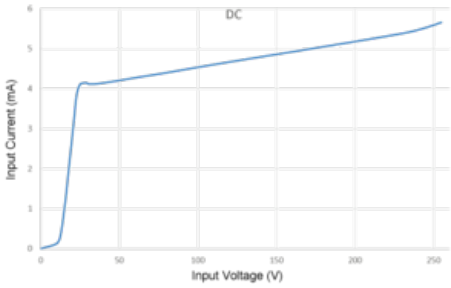
Number of poles	3
Type of control	Special zero voltage turn on
Maximum on-state voltage drop	1.04V pk
Maximum 1/2 Cycle $I^2 t$ for fusing (A^2 sec)	1404/1680
Maximum turn-off time (ms)	50
Maximum turn-on time (ms)	25
Maximum 1 cycle surge current	530/_ (min) 580 (typ)
Maximum off-state leakage current	1 mA rms
Transient Voltage	1200 V pk

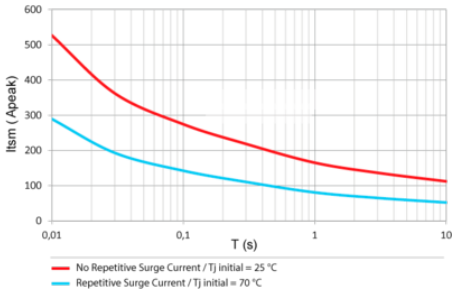
1 Second surge current	165
Output voltage	24-660V ac
Output current	25 A
Thermal resistance junction to case	0.55 °C/W

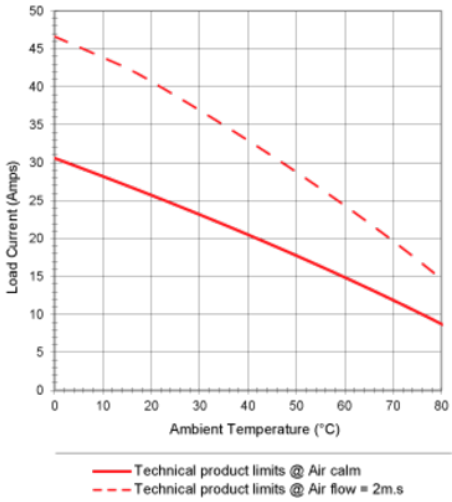
GENERAL DATA

Mounting	DIN rail
Width	89.8 mm
Depth	104.7 mm
Height	98 mm
Approvals	CE, cRUus, UKCA
Dielectric strength input to output (50/60Hz)	4000 V rms
Material base	Aluminium
Housing material	UL94 V-0
Ambient operating temperature	-40 … +80°C
Ambient storage temperature	-40 … +100°C
Weight	740 g



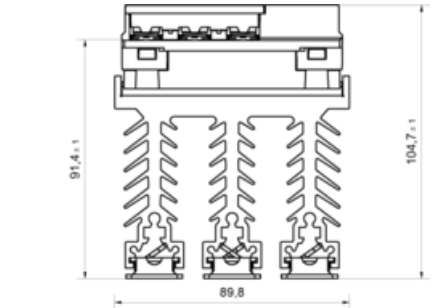


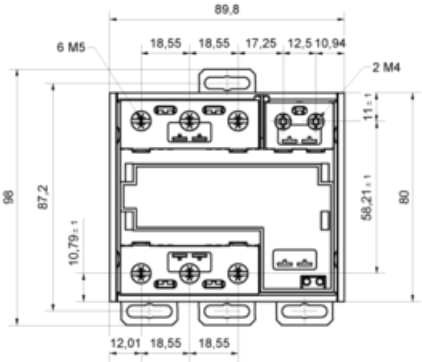


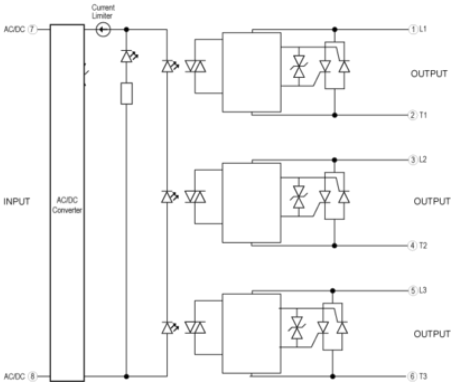


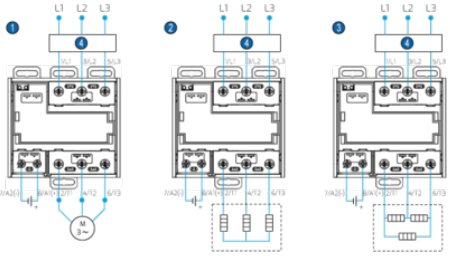

3x25A
CROUZET
GNR3 SERIES
84068459N
1/L1
3/L2
5/L3
7/A2-
8/A1+
2/T1
4/T2
6/T3


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2/T1
4/T2
6/T3


91,4 ± 1
104,7 ± 1
89,8


6 M5
18,55
18,55
17,25
12,5
10,94
2 M4
96
87,2
10,79 ± 1
11 ± 1
58,21 ± 1
80
12,01
18,55
18,55


AC/DC 7
Current Limiter
INPUT
AC/DC Converter
AC/DC 8
1 L1
OUTPUT
2 T1
3 L2
OUTPUT
4 T2
5 L3
OUTPUT
6 T3


1
2
3
L1
L2
L3
4
M
3~


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