

CROUZET - GNR3 SERIES SOLID STATE RELAY

DIN Rail - AC output Three Phase

GNR25DCZH
 SSR 3PH 25A 24-660 VAC Out 4-32 VDC 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

OVERVIEW

Output current	25 A
Output voltage	24-660V ac
Control voltage	4-32V dc
Mounting	DIN rail
Type of control	Zero voltage turn on

OUTPUT SPECIFICATION

Output voltage	24-660V ac
Transient Voltage	1200 V pk
Maximum off-state leakage current	1 mA rms
1 Second surge current	165
Maximum 1 cycle surge current	530/_ (min) 580 (typ)
Maximum on-state voltage drop	1.04V pk
Thermal resistance junction to case	0.55 °C/W
Maximum 1/2 Cycle I ² t for fusing (A ² sec)	1404/1680
Number of poles	3

INPUT SPECIFICATION

Control voltage	4-32V dc
Maximum reverse voltage	-32V dc
Minimum turn-on voltage	4V dc
Must turn-off voltage	2V dc
Input current min	20 mA
Input Current Max	25 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	740 g
Height	98 mm
Width	89.8 mm
Depth	104.7 mm
Housing material	UL94 V-0
Material base	Aluminium
LED input status indicator	Green
Approvals	CE, cRUus, UKCA



