

## 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

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

#### OUTPUT SPECIFICATION

Transient Voltage	1200 V pk
Maximum off-state leakage current	1 mA rms
Maximum 1 cycle surge current	530/_(min) 580 (typ)
Thermal resistance junction to case	0,55 °C/W
1 Second surge current	165
Number of poles	3
Output voltage	24-660V ac
Maximum 1/2 Cycle I <sup>2</sup> t for fusing (A <sup>2</sup> sec)	1404/1680
Maximum on-state voltage drop	1.04V pk

## INPUT SPECIFICATION

Input Current Max	25 mA
Minimum turn-on voltage	4V dc
Maximum turn-off time (ms)	1/2 cycle
Input current min	20 mA
Maximum turn-on time (ms)	1/2 cycle
Must turn-off voltage	2V dc
Maximum reverse voltage	-32V dc
Control voltage	4-32V dc

## GENERAL SPECIFICATION

Depth	104,7 mm
Weight	740 g
Ambient operating temperature	-40 ... +80°C
Dielectric strength input to output (50/60Hz)	4000 V rms
Width	89,8 mm
LED input status indicator	Green
Housing material	UL94 V-0
Ambient storage temperature	-40 ... +100°C
Material base	Aluminium
Approvals	CE, cRUus, UKCA
Height	98 mm



