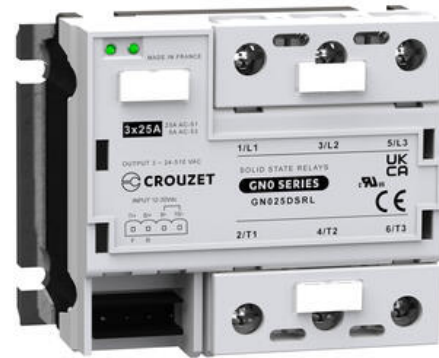


## CROUZET GN0 SERIES SOLID STATE RELAY

Panel mount - AC output Three phase

GN025DSRL

- Zero cross switching
- Output current - 25 or 50 amps
- Built-in overvoltage protection
- LED status indicator forward and reverse



### PRODUCT DESCRIPTION

## TECHNICAL DATA

### OVERVIEW

Output current	25 A
Output voltage	24-510V ac
Control voltage	12-30V dc
Mounting	Panel mount
Type of control	Special zero voltage turn on

### OUTPUT SPECIFICATION

Output voltage	24-510V ac
Transient Voltage	1600 V pk
Maximum off-state leakage current	1 mA rms
1 Second surge current	230
Maximum 1 cycle surge current	320/_ (min) 420 (typ)
Maximum on-state voltage drop	1.18V pk
Thermal resistance junction to case	0.4 °C/W
Maximum 1/2 Cycle I <sup>2</sup> t for fusing (A <sup>2</sup> sec)	512/880
Minimum heat sink for rated current @ 40 °C	7 °C/W
Number of poles	3

## INPUT SPECIFICATION

<b>Control voltage</b>	12-30V dc
<b>Minimum turn-on voltage</b>	12V dc
<b>Must turn-off voltage</b>	1V dc
<b>Input current min</b>	15 mA
<b>Input Current Max</b>	28 mA
<b>Maximum turn-on time (ms)</b>	1/2 cycle
<b>Maximum turn-off time (ms)</b>	1/2 cycle

## GENERAL SPECIFICATION

<b>Dielectric strength input to output (50/60Hz)</b>	4000 V rms
<b>Ambient operating temperature</b>	-40 ... +80°C
<b>Ambient storage temperature</b>	-40 ... +100°C
<b>Weight</b>	200 g
<b>Height</b>	76.5 mm
<b>Width</b>	100 mm
<b>Depth</b>	34.7 mm
<b>Housing material</b>	UL94 V-0
<b>Material base</b>	Aluminium
<b>LED input status indicator</b>	Green
<b>Approvals</b>	CE, UKCA, cRUus