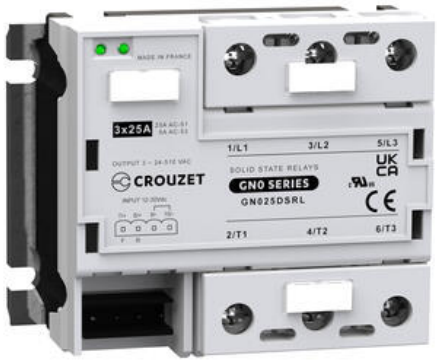
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CROUZET GN0 SERIES SOLID STATE RELAY

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^2t for fusing (A^2 sec)	512/880
Minimum heat sink for rated current @ 40 °C	7 °C/W
Number of poles	3

INPUT SPECIFICATION

Control voltage	12-30V dc
Minimum turn-on voltage	12V dc
Must turn-off voltage	1V dc
Input current min	15 mA
Input Current Max	28 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	200 g
Height	76.5 mm
Width	100 mm
Depth	34.7 mm
Housing material	UL94 V-0
Material base	Aluminium
LED input status indicator	Green
Approvals	CE, UKCA, cRUus