

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

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

OUTPUT SPECIFICATION

Transient Voltage	1600 V pk
Maximum off-state leakage current	1 mA rms
Maximum 1 cycle surge current	320/_ (min) 420 (typ)
Thermal resistance junction to case	0,4 °C/W
1 Second surge current	230
Number of poles	3
Output voltage	24-510V ac
Maximum 1/2 Cycle I ² t for fusing (A ² sec)	512/880
Minimum heat sink for rated current @ 40 °C	7 °C/W

Maximum on-state voltage drop	1.18V pk
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INPUT SPECIFICATION

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

Depth	34,7 mm
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Weight	200 g
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Ambient operating temperature	-40 ... +80°C
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Dielectric strength input to output (50/60Hz)	4000 V rms
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Width	100 mm
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LED input status indicator	Green
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Housing material	UL94 V-0
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Ambient storage temperature	-40 ... +100°C
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Material base	Aluminium
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Approvals	CE, UKCA, cRUus
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Height	76,5 mm
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