

# CROUZET - GND SERIES SOLID STATE RELAY

Panel Mount - DC Output

84137850N  
SSR 10A 5-200 VDC Out 4-32 VDC In

- DC Switching
- Output current 10 - 40 Amps
- Built-in overvoltage protection
- LED input status indicator



## PRODUCT DESCRIPTION

## TECHNICAL DATA

### OVERVIEW

|                 |              |
|-----------------|--------------|
| Output current  | 10 A         |
| Output voltage  | 5-200V dc    |
| Control voltage | 4-32V dc     |
| Mounting        | Panel mount  |
| Type of control | DC Switching |

### OUTPUT SPECIFICATION

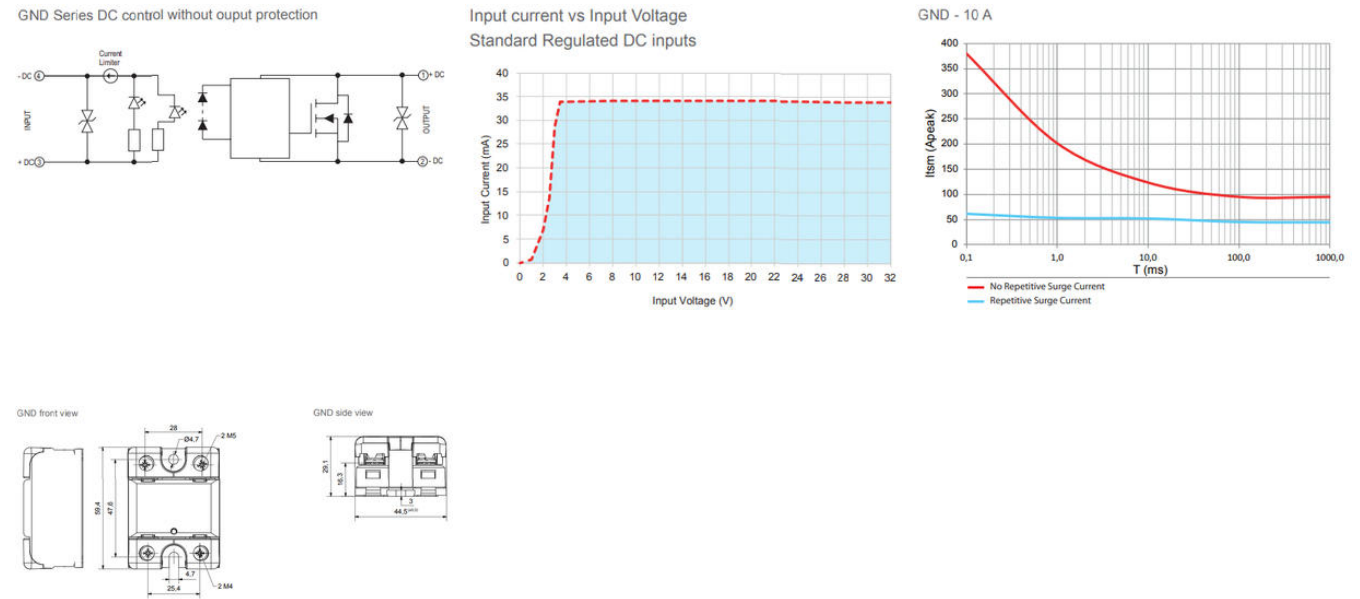
|                                             |           |
|---------------------------------------------|-----------|
| Output voltage                              | 5-200V dc |
| Maximum Load Current                        | 20 A rms  |
| Minimum Load Current                        | 5 mA rms  |
| Transient Voltage                           | 200 V pk  |
| Maximum off-state leakage current           | 3 mA rms  |
| Maximum on-state voltage drop               | 0.97V pk  |
| Thermal resistance junction to case         | 0,66 °C/W |
| Minimum heat sink for rated current @ 40 °C | 3,4 °C/W  |
| Number of poles                             | 1         |

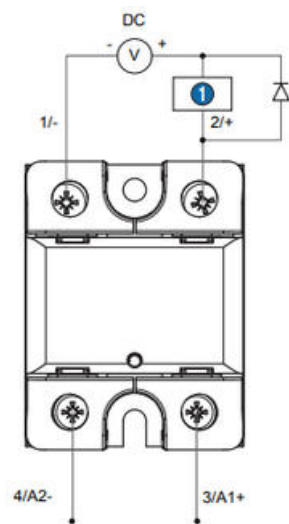
INPUT SPECIFICATION

|                            |          |
|----------------------------|----------|
| Control voltage            | 4-32V dc |
| Maximum reverse voltage    | -32V dc  |
| Minimum turn-on voltage    | 3.5V dc  |
| Must turn-off voltage      | 1V dc    |
| Input current min          | 34 mA    |
| Input Current Max          | 35 mA    |
| Maximum turn-on time (ms)  | 0.02     |
| Maximum turn-off time (ms) | 0.02     |

GENERAL SPECIFICATION

|                               |                |
|-------------------------------|----------------|
| Ambient operating temperature | -25 ... +90°C  |
| Ambient storage temperature   | -40 ... +100°C |
| Weight                        | 80 g           |
| Height                        | 59,4 mm        |
| Width                         | 44,5 mm        |
| Depth                         | 29,1 mm        |
| Housing material              | UL94 V-0       |
| Material base                 | Aluminium      |
| LED input status indicator    | Green          |
| Approvals                     | CE, cRUus      |





GND

1 Load