

## GN SERIES

84137000

Panel Mount SSR IP20 280V ac 10A, 3-32V dc In, ZC



Crydom

- Load current 10-125A
- Operating Voltage 24-280VAC and 48-660VAC
- Control Voltage 3-32VDC, 18-36VAC and 90-280VAC
- Optional IP20 touch-safe cover



## PRODUCT DESCRIPTION

The GN Series offers a group of robust and versatile general-purpose AC and DC Panel Mount relays. These powerful single phase SSRs have superior thermal performance thanks to the use of DBC technology and are available in IP20 or IP00 protection degree packages.

These new generation solid state relays all feature anti-rotation barriers, flexible control voltage options, LED input status indicator, overvoltage protection (on all AC output relays), and a wide range of power ratings to make product selection easier.

- Current rating 10 and 125 Amps
- Output voltage 24-280 VAC and 48-660 VAC
- Available with or without IP20 touch-safe cover
- LED Input Status Indicator
- UL Approved, CE Compliant to EN60950-1
- Improved SEMS screw and washer
- Redesigned housing with anti-rotation barriers
- EMC Compliant to level 3Product selection

## TECHNICAL DATA

### OVERVIEW

Type of control	Zero voltage turn on
Additional features	IP20 Touch Safe Cover
Output current	10 A
Activation	0 V
Control voltage	3-32V dc
Output voltage	24-280V ac

## OUTPUT SPECIFICATION

Thermal resistance junction to case	0,4 °C/W
Number of poles	1
I <sup>2</sup> t value	110 A <sup>2</sup> s
Peak voltage	600 V
Output voltage	24-280V ac
Minimum heat sink for rated current @ 40 °C	5 °C/W

## INPUT SPECIFICATION

Input current max	15 mA
Input current min	10 mA
Control voltage	3-32V dc

## GENERAL SPECIFICATION

IP class	IP20
Depth	30,9 mm
Storage temperature min	-40 °C
Insulation voltage in/out	4000 V
Temperature operational max	80 °C
Weight	72 g
Width	44,5 mm
Storage temperature max	125 °C
Temperature operational min	-40 °C
LED indication	Input Status LED
Approvals	CE, CSA, EMC, UL
Height	58,8 mm
Load voltage	AC

