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GNR SERIES 22.5MM RELAY

GNR20DCZ
DIN Rail SSR 22.5mm 600V ac 20A, 4-32V dc In, ZC



- Load current 10, 20 and 30A
- Operating voltage 24-280 VAC and 48-600 VAC
- Control voltage 4-32 VDC, 90-140 VAC and 180-280 VAC
- Broad range of power ratings

PRODUCT DESCRIPTION

These relays offer a broad range of power ratings which makes them suitable for diverse applications. Their high reliability and efficient design have made of them a market favorite for many years.

- Current ratings of 10, 20 and 30 amps
- Output voltage ratings: 24-280 and 48-600 VAC
- Direct Bond Copper (DBC) Substrate
- LED input status indicator
- UL 508 Endurance Rating for Enhanced Reliability
- UL/CSA/TUV Approved, CE Compliant
- Built-in overvoltage protection
- DIN Rail or Panel Mount
- Zero voltage or Instantaneous turn-on output

TECHNICAL DATA

OVERVIEW

Output current	20 A
Output voltage	48-600V ac
Control voltage	4-32V dc
Type of control	Zero voltage turn on
Activation	0 V
Additional features	Contactor configuration

OUTPUT SPECIFICATION

Output voltage	48-600V ac

2421_Peak current (A)	286
Voltage drop over semiconductor at max	1.35 V
Number of poles	1
I2t value	410 A²s

INPUT SPECIFICATION

Control voltage	4-32V dc
Turn-off voltage	1 V
Input current min	6 mA
Input current max	10 mA
Response time	10 ms
Release time	10 ms

GENERAL SPECIFICATION

Insulation voltage in/out	2500 V
Temperature operational min	-20 °C
Temperature operational max	80 °C
Storage temperature max	100 °C
Storage temperature min	-40 °C
Weight	225 g
Height	89.8 mm
Width	22.5 mm
Depth	120.8 mm
LED indication	Input status indication
Approvals	CE, CSA, EMC, UL
IP class	IP20

Load voltage	AC







