CROUZET | SOLID STATE RELAYS

WE ARE BACK & STRONGER

Our well known families **GN** and **GNA** are back

CLASSIC GN SERIES

GN Panel Mount | **GNR** DIN Rail Mount | **GND** Panel Mount

ESSENTIAL GNA SERIES

GNA Panel Mount | **GNAD** Panel Mount

With all the features you liked, plus much more:

- NEW | **Integrated removable covers** Both IP00 and IP20 versions available in the same product
- NEW DESIGN | **Lighter-weight, same power** Ideal for harsh environments
- **Very long life expectancy**
- **Overvoltage protection is standard** All part numbers (except essential series) include input and output protection at no extra charge
- WIDE-RANGE | **Up to 125 amps and 660V**
- **For every application** Easy to install, easy to use, robust and multipurpose

International certifications available:

CE | cULus | VDE | EAC * In progress

And we strenghtened our offer with
The New Performance GN+ and GN Smart Series

PERFORMANCE GN+ SERIES

GN+ Panel Mount | **GNR+** DIN Rail Mount

- **One product** handles several load types
- Higher immunity levels (to burst transients & surges)
- Varistor protection (input and output)
- Ready to install (thermal pads integrated)

GN Smart SERIES

GN Smart Panel Mount | **GNR Smart Module**

- Applications where loads are switched frequently (ex: thermoset molding)
- **To detect** load failures, blown fuses, heat zones status, as well as damaged and interrupted SSRs

Market Applications

HEATING ELEMENTS - No inrush current

- Commercial food processing machines
- Plastic injection molding / extrusion
- Furnaces
- HVAC
- Textile
- Residential heating
- Infrared heating
- Drying
- Thermoforming
- Soldering equipment

MOTION - Strong start current

- Pumps
- Compressors
- Conveyor systems
- Fans
- Elevators
- Lifts
- Hoists
- Motorized exercise equipment

LIGHTING - Strong inrush currents

- Theaters
- Municipalities
- Cinemas and stages
- Airport runways
- Streets and roadways
- Warehouses
- Office spaces
- Hazardous location and beacons

MISCELLANEOUS

- Power transformers
- Electromagnets
- Switching power supplies
- Regulators
- Inverters
- Power converters
- Uninterruptible power supplies
- Power factor correction capacitors
- Solenoid Valves
- And more

Get to know the full offer

AC VOLTAGE | SINGLE PHASE

	GNA	GN		GN+	GNR		GNR+
	Panel Mount ESSENTIAL	Panel Mount CLASSIC		Panel Mount PERFORMANCE	DIN Rail Mount CLASSIC		DIN Rail Mount PERFORMANCE
CURRENT RATING	25A 40A 60A 90A	10A 25A 40A 60A 75A 90A 125A		25A 40A 60A 125A	25A 50A		40A 66A
SWITCHING TYPE	ZERO CROSS	ZERO CROSS	INSTAN-TANEOUS	SPECIAL ZERO CROSS	ZERO CROSS	INSTAN-TANEOUS	SPECIAL ZERO CROSS
SUITABLE FOR							
LOADS	RESISTIVE	RESISTIVE	INDUCTIVE	MULTILOADS (resistive, inductive, capacitive)	RESISTIVE	INDUCTIVE	MULTILOADS (resistive, inductive, capacitive)
DC CONTROL	✓	✓	✓	✓	✓	✓	✓
AC CONTROL		✓	✓	✓	✓		✓
* PROTECTION		✓	✓	✓✓	✓	✓	✓✓
** HIGH-IMMUNITY				✓			✓
THERMAL PADS				✓			
	VIEW	VIEW		VIEW	VIEW		VIEW

* Overvoltage Protection
** Burst transients & surges (A Criteria)

DC VOLTAGE

	GNAD	GND
	Panel Mount ESSENTIAL	Panel Mount CLASSIC
CURRENT RATING	10A 20A 40A	10A 40A
SWITCHING TYPE	DC	DC
SUITABLE FOR		
LOADS	DC LOADS	DC LOADS
DC CONTROL	✓	✓
AC CONTROL		
* PROTECTION		✓
** HIGH-IMMUNITY		
THERMAL PADS		
	VIEW	VIEW

* Overvoltage Protection
** Burst transients & surges (A Criteria)

LOAD DIAGNOSTIC SMART SSR

	GN Smart	GNR Smart
	DIN Rail Mount	Module
CURRENT RATING	25A 50A 75A	50A
SWITCHING TYPE	ZERO CROSS	N/A
SUITABLE FOR		
LOADS	LOAD DETECTION: CURRENT DETECTION	CURRENT DETECTION: CURRENT & DIAGNOSTIC
DC CONTROL	✓	✓
AC CONTROL		
* PROTECTION		
** HIGH-IMMUNITY		
THERMAL PADS		
	VIEW	VIEW

More Products Coming Soon

AC VOLTAGE DUAL PHASE

GN2

AC VOLTAGE THREE PHASE

GN3 GNR3

If you want to choose the product that matches your specific needs, view our

Full Product Selection Guide

DOWNLOAD HERE

DC VOLTAGE

Type	Output Current	Output Voltage	Input Voltage	Certifications	Mounting	Switching	Usage (Load Type)	Comments	Designation	Part Number
GNAD Essential Version	10 A	5-200 VDC	4-32 VDC	cЯUus, CE	Panel Mount "Hockey Puck"	DC Switching	· DC Loads: Heating, Motion, Lighting, Miscellaneous	· To use in simple applications	GNAD10DH	84137650N
	20 A	5-100 VDC							GNAD20DM	84137660N
	40 A	5-55 VDC							GNAD40DL	84137670N
GND Classic Version	10 A	5-200 VDC	4-32 VDC	cЯUus, CE	Panel Mount "Hockey Puck"	DC Switching	· DC Loads: Heating, Motion, Lighting, Miscellaneous	· Output Protection Included (TVS*)	GND10DH	84137850N
	40 A	5-60 VDC							GND40DM	84137870N

AC VOLTAGE: SINGLE PHASE

Type	Output Current	Output Voltage	Input Voltage	Certifications	Mounting	Switching	Usage (Load Type)	Comments	Designation	Part Number
GNA Essential Version	25 A	24-280 VAC	4-32 VDC	cЯUus, CE, EAC*	Panel Mount "Hockey Puck"	Zero Cross	· Resistive Loads: Heating	· To use in simple applications	GNA25DZL	84137910N
	40 A	48-660 VAC		cЯUus, CE, EAC*, VDE					GNA40DZH	84137450N
	50 A								GNA50DZH	84137460N
	90 A								GNA90DZH	84137480N
GN Classic Version	10 A	24-280 VAC	4-32 VDC	cЯUus, CE, EAC*, VDE	Panel Mount "Hockey Puck"	Zero Cross	· Resistive Loads: Heating, Lighting	· Output Protection Included (TVS)	GN10DZL	84137000N
	10 A		20-265VAC	cЯUus, CE, EAC*					GN10AZL	84137001N
	25 A	24-280 VAC	4-32 VDC	cЯUus, CE, EAC*					GN25DZL	84137010N
	25 A		18-36V AC/DC						GN25CZL	84137012N
	25 A		20-265 VAC						GN25AZL	84137011N
	25 A	48-660 VAC	4-32 VDC	cЯUus, CE, EAC*, VDE					GN25DZH	84137110N
	25 A		20-265 VAC	cЯUus, CE, EAC*					GN25AZH	84137111N
	50 A	48-660 VAC	4-32 VDC	cЯUus, CE, EAC*, VDE					GN50DZH	84137120N
	50 A		18-36V AC/DC	cЯUus, CE, EAC*					GN50CZH	84137122N
	50 A		20-265 VAC						GN50AZH	84137121N
	75 A	48-660 VAC	4-32 VDC	cЯUus, CE, EAC*, VDE					GN75DZH	84137130N
	75 A		20-265 VAC	cЯUus, CE, EAC*					GN75AZH	84137131N
	100 A	48-660 VAC	4-32 VDC	cЯUus, CE, EAC*, VDE					GN100DZH	84137140N
	100 A		20-265VAC	cЯUus, CE, EAC*					GN100AZH	84137141N
	125 A	48-660 VAC	4-32 VDC	cЯUus, CE, EAC*, VDE					GN125DZH	84137180N
	125 A		20-265 VAC	cЯUus, CE, EAC*					GN125AZH	84137181N
	25 A	24-280 VAC	4-32 VDC	cЯUus, CE, EAC*, VDE	Panel Mount "Hockey Puck"	Random (Instantaneous)	· Inductive Loads: Motion, Miscellaneous (high inductive loads, very strong magnetising currents, overvoltages)	· Output Protection Included (RC Snubber)	GN25DRL	84137210N
	25 A		90-260 VAC						GN25ARL	84137211N
	50 A	48-660 VAC	4-32 VDC	cЯUus, CE, EAC*, VDE					GN50DRL	84137320N
	50 A		90-260 VAC						GN50ARH	84137321N
	75 A	48-660 VAC	4-32 VDC	cЯUus, CE, EAC*, VDE					GN75DRH	84137330N
GN+ Performance Version	25 A	12-270 VAC	4-32 VDC	cЯUus, CE, EAC*, VDE	Panel Mount "Hockey Puck"	Special Zero Cross	· Resistive Loads: Heating, Lighting · Inductive Loads: Motion, Miscellaneous · Capacitive Loads: Miscellaneous	· Output Protection Included (VDR) · High Immunity (Level A) · Thermal Pad Included	GNP25DZL	84138010N
	25 A		20-260 VAC/DC						GNP25UZL	84138013N
	50 A	24-500 VAC	4-32 VDC	cЯUus, CE, EAC*, VDE					GNP50DZM	84138120N
	50 A		20-260 VAC/DC						GNP50UZM	84138123N
	90 A	24-500 VAC	4-32 VDC	cЯUus, CE, EAC*, VDE					GNP90DZM	84138150N
	90 A		20-260 VAC/DC						GNP90UZM	84138153N
	125 A	24-500 VAC	4-32 VDC	cЯUus, CE, EAC*, VDE					GNP125DZM	84138180N
	125 A		20-260 VAC/DC						GNP125UZM	84138183N
GNR Classic Version	20 A	24-280 VAC	4-32 VDC	cЯUus, CE, EAC*	DIN Rail 22.5mm	Zero Cross	· Resistive Loads: Heating, Lighting	· Output Protection Included	GNR20DCZL	GNR20DCZL
	20 A	48-660 VAC	4-32 VDC	cЯUus, CE, EAC*					GNR20DCZH	GNR20DCZH
	20 A		80-140 VAC						GNR20BCZH	GNR20BCZH
	20 A		180-280 VAC						GNR20ACZH	GNR20ACZH
	30 A	48-660 VAC	4-32 VDC	cЯUus, CE, EAC*					GNR30DCZH	GNR30DCZH
	30 A		80-140 VAC						GNR30BCZH	GNR30BCZH
	30 A		180-280 VAC						GNR30ACZH	GNR30ACZH
	30 A	24-500 VAC	4-32 VDC	cЯUus, CE, EAC*, VDE	DIN Rail 22.5mm	Random	· Inductive Loads: Motion, Miscellaneous	· Output Protection Included (RC Snubber)	GNR25DCRH	GNR25DCRH
GNR+ Performance Version	30 A	24-500 VAC	4-32 VDC	cЯUus, CE, EAC*, VDE	DIN Rail 22.5mm	Zero Cross	· Resistive Loads: Heating, Lighting · Inductive Loads: Motion, Miscellaneous · Capacitive Loads: Miscellaneous	· Output Protection Included (VDR) · High Immunity (Level A)	GNR30DCZP	GNR30DCZP
	30 A		180-280 VAC						GNR30ACZP	GNR30ACZP
	32 A		4-32 VDC						GNR32DCZP	GNR32DCZP
	45 A		4-32 VDC	cЯUus, CE, EAC*	DIN Rail 45mm				GNR45DCZP	GNR45DCZP

* In process

LOAD DIAGNOSTIC: SMART SSR

Type	Output Current	Output Voltage	Input Voltage	Certifications	Mounting	Switching	Usage	Comments	Designation	Part Number
GNSmart Load Detection	50 A	24-600 VAC	4-32 VDC	cЯUus, CE	Panel Mount "Hockey Puck"	Zero Cross	Current Detection	-	GNS50DAZH	84136120N
	35 A	50-265 VAC	8-30 VDC	cЯUus, CE, EAC*, VDE	Panel Mount "Hockey Puck"	Zero Cross	Load Detection	-	GNS35DDZH	84139150N
	50 A	150-510 VAC							GNS50DDZH	84139120N
	75 A								GNS75DDZH	84139130N
GNR Smart module Load Diagnostic	40 A	-	4-32 VDC	CE, EAC*	Module On GNR/GNR+	-	Current Detection	-	GNS40DDDR	84050040N
	40 A		24-45 VDC				Current & Diagnostic		GNS40FDDR	84050043N

* In process

ACCESSORIES

Type	Description	P/N
HEATSINKS For Panel Mount SSRs	0.9 °C/W Thermal Resistance	26532752N
	1.1 °C/W Thermal Resistance	26532753N
	1.2 °C/W Thermal Resistance	26532754N
	1.75 °C/W Thermal Resistance	26532755N
	2.2 °C/W Thermal Resistance	26532756N
ADAPTORS For DIN Rail	DIN Rail Adaptor	26532764N
THERMAL PADS For Heatsink Mounting	Pre-cut thermal pad	26532720N
	Sticker thermal pad	26532722N
SCREWS For Heatsink Mounting	Screw Mounting Kit	26 532 001
THERMAL GREASE For Heatsink Mounting	Thermal Grease	26 532 003
LABEL For SSR identification	Label for SSR Identification	26 532 004