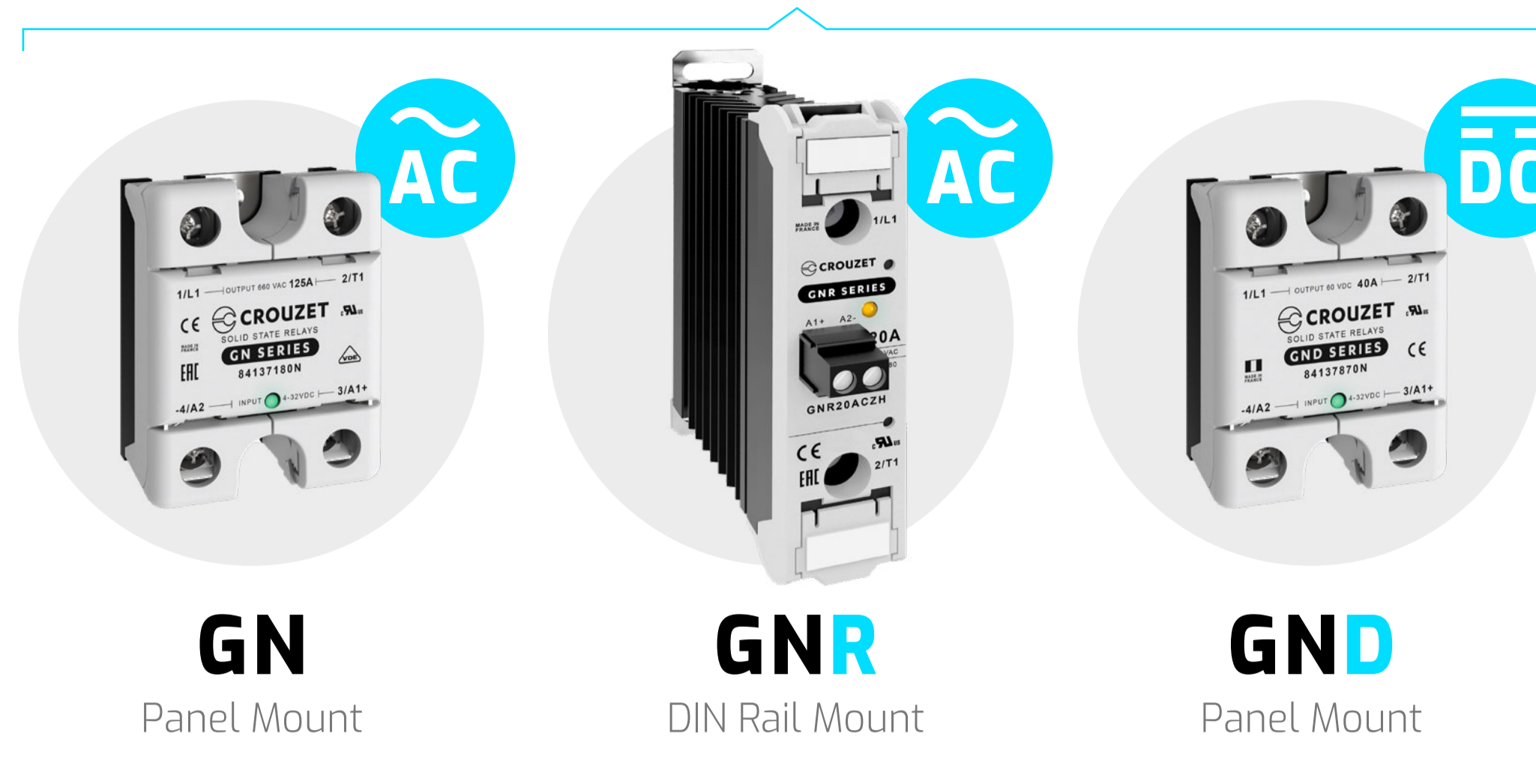


# WE ARE BACK & STRONGER

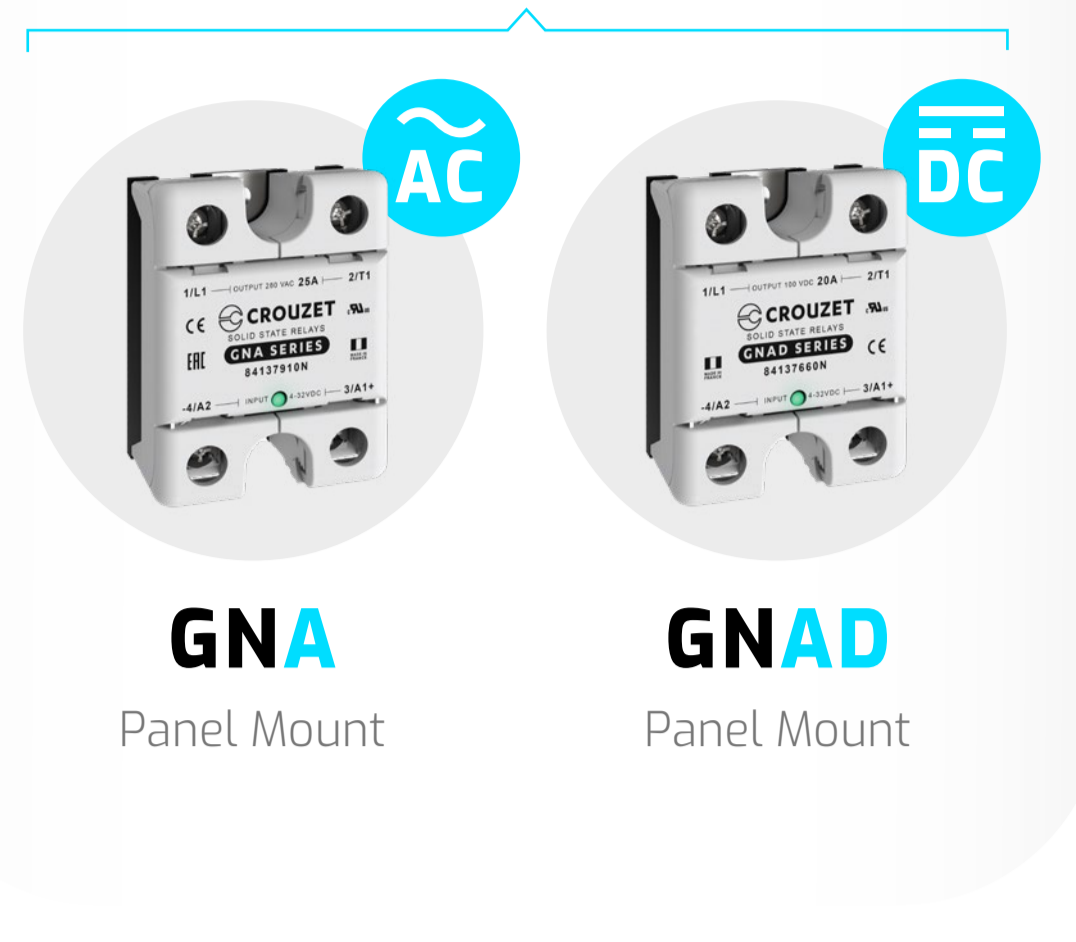


Our well known families **GN** and **GNA** are back

### CLASSIC GN SERIES



### ESSENTIAL GNA SERIES



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:



## And we strengthened 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** DIN Rail Mount

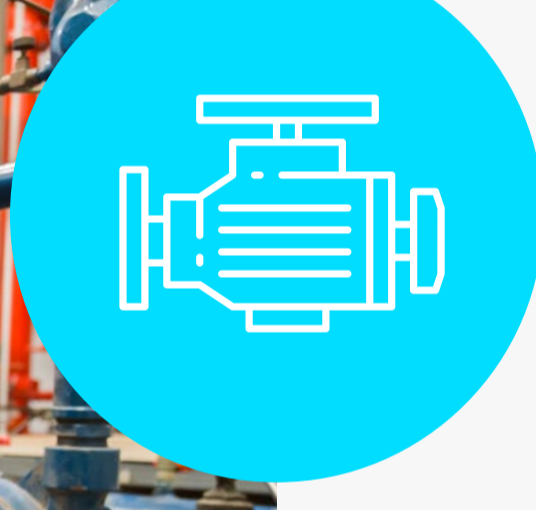
- Applications where loads are switched frequently  
(ex: thermostat molding)
- To detect load failures, blown fuses, heat zones status, as well as damaged and interrupted SSRs

## Market Applications



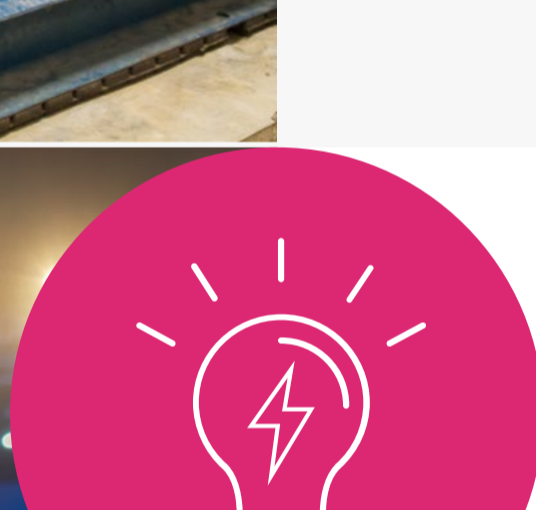
### HEATING ELEMENTS - No inrush current

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



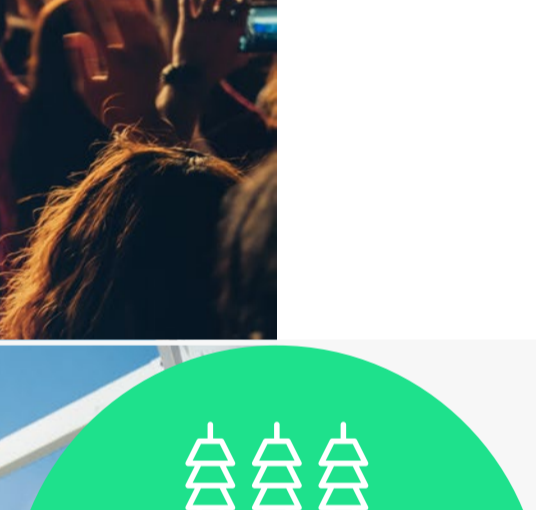
### MOTION - Strong start current

- 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

	<b>GNA</b> Panel Mount ESSENTIAL	<b>GN</b> Panel Mount CLASSIC	<b>GN+</b> Panel Mount PERFORMANCE	<b>GNR</b> DIN Rail Mount CLASSIC	<b>GNR+</b> DIN Rail Mount PERFORMANCE
<b>CURRENT RATING</b>	25A   40A   50A   90A	10A   25A   50A   75A   100A   125A	25A   50A   90A   125A	20A   30A	30A   45A
<b>SWITCHING TYPE</b>	ZERO CROSS	ZERO CROSS   INSTANTANEOUS	SPECIAL ZERO CROSS	ZERO CROSS   INSTANTANEOUS	SPECIAL ZERO CROSS
<b>SUITABLE FOR LOADS</b>	RESISTIVE	RESISTIVE   INDUCTIVE	MULTILOADS (resistive, inductive, capacitive)	RESISTIVE   INDUCTIVE	MULTILOADS (resistive, inductive, capacitive)
<b>DC CONTROL</b>	✓	✓	✓	✓	✓
<b>AC CONTROL</b>	✓	✓	✓	✓	✓
<b>* PROTECTION</b>	✓	✓	✓	✓	✓
<b>** HIGH-IMMUNITY</b>	✓	✓	✓	✓	✓
<b>THERMAL PADS</b>	✓	✓	✓	✓	✓

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

### DC VOLTAGE

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

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

### LOAD DIAGNOSTIC SMART SSR

	<b>GN Smart</b> DIN Rail Mount	<b>GNR Smart</b> Module
<b>CURRENT RATING</b>	35A   50A   75A	40A
<b>SWITCHING TYPE</b>	ZERO CROSS	N/A
<b>SUITABLE FOR LOADS</b>	RESISTIVE	RESISTIVE
<b>LOAD DETECTION</b>	✓	✓
<b>CURRENT DETECTION</b>	✓	✓
<b>CURRENT &amp; DIAGNOSTIC</b>	✓	✓

## 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		Input	Certifications	Mounting	Switching	Usage (Load Type)	Comments	Designation	Part Number
	Current	Voltage	Voltage							
 <b>GNAD</b> Essential Version	10 A	5-200 VDC	4-32 VDC	CE, EAC*	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
 <b>GND</b> Classic Version	10 A	5-200 VDC	4-32 VDC	CE, EAC*	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		Input	Certifications	Mounting	Switching	Usage (Load Type)	Comments	Designation	Part Number
	Current	Voltage	Voltage							
 <b>GNA</b> Essential Version	25 A	24-280 VAC	4-32 VDC	CE, EAC*	Panel Mount *Hockey Puck*	Zero Cross	• Resistive Loads: Heating	• To use in simple applications	GNA25DZL	84137910N
	40 A	48-660 VAC							CE, EAC*, VDE	GNA40DZH
	50 A			GNA50DZH						84137460N
	90 A			GNA90DZH					84137480N	
 <b>GN</b> Classic Version	10 A	24-280 VAC	4-32 VDC	CE, EAC*, VDE	Panel Mount *Hockey Puck*	Zero Cross	• Resistive Loads: Heating, Lighting	• Output Protection Included (TVS)	GN10DZL	84137000N
	10 A		20-265VAC	CE, EAC*					GN10AZL	84137001N
	25 A	24-280 VAC	4-32 VDC	CE, EAC*					GN25DZL	84137010N
	25 A		18-36V AC/DC						GN25CZL	84137012N
	25 A	48-660 VAC	20-265 VAC	CE, EAC*					GN25AZL	84137011N
	25 A		4-32 VDC						GN25DZH	84137110N
	25 A	48-660 VAC	20-265 VAC	CE, EAC*					GN25AZH	84137111N
	50 A		4-32 VDC						GN50DZH	84137120N
	50 A	48-660 VAC	18-36V AC/DC	CE, EAC*					GN50CZH	84137122N
	50 A		20-265 VAC						GN50AZH	84137121N
	75 A	48-660 VAC	4-32 VDC	CE, EAC*, VDE					GN75DZH	84137130N
	75 A		20-265 VAC						GN75AZH	84137131N
	100 A	48-660 VAC	4-32 VDC	CE, EAC*, VDE					GN100DZH	84137140N
	100 A		20-265VAC						GN100AZH	84137141N
	125 A	48-660 VAC	4-32 VDC	CE, EAC*, VDE					GN125DZH	84137180N
	125 A		20-265 VAC						GN125AZH	84137181N
25 A	24-280 VAC	4-32 VDC	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	4-32 VDC	GN50DRL	84137320N							
50 A	48-660 VAC	90-260 VAC	GN50ARH					84137321N		
75 A	48-660 VAC	4-32 VDC	CE, EAC*, VDE					GN75DRH	84137330N	
 <b>GN+</b> Performance Version	25 A	12-270 VAC	4-32 VDC	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	CE, EAC*, VDE					GNP50DZM	84138120N
	50 A		20-260 VAC/DC						GNP50UZM	84138123N
	90 A	24-500 VAC	4-32 VDC	CE, EAC*, VDE					GNP90DZM	84138150N
	90 A		20-260 VAC/DC						GNP90UZM	84138153N
125 A	24-500 VAC	4-32 VDC	CE, EAC*, VDE	GNP125DZM	84138180N					
125 A	24-500 VAC	20-260 VAC/DC	CE, EAC*, VDE	GNP125UZM	84138183N					
 <b>GNR</b> Classic Version	20 A	24-280 VAC	4-32 VDC	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	CE, EAC*					GNR20DCZH	GNR20DCZH
	20 A		80-140 VAC						GNR20BCZH	GNR20BCZH
	20 A	48-660 VAC	180-280 VAC	CE, EAC*					GNR20ACZH	GNR20ACZH
	30 A		4-32 VDC						GNR30DCZH	GNR30DCZH
	30 A	48-660 VAC	80-140 VAC	CE, EAC*					GNR30BCZH	GNR30BCZH
	30 A		180-280 VAC						GNR30ACZH	GNR30ACZH
30 A	24-500 VAC	4-32 VDC	CE, EAC*, VDE	DIN Rail 22.5mm	Random	• Inductive Loads: Motion, Miscellaneous	• Output Protection Included (RC Snubber)	GNR25DCRH	GNR25DCRH	
 <b>GNR+</b> Performance Version	30 A	24-500 VAC	4-32 VDC	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						CE, EAC*	DIN Rail 45mm







\* In process

## LOAD DIAGNOSTIC: SMART SSR

Type	Output		Input	Certifications	Mounting	Switching	Usage	Comments	Designation	Part Number
	Current	Voltage	Voltage							
 <b>GNSmart</b> Load Detection	50 A	24-600 VAC	4-32 VDC	CE, EAC*	Panel Mount *Hockey Puck*	Zero Cross	Current Detection	-	GN550DAZH	84136120N
	35 A	50-265 VAC	8-30 VDC	CE, EAC*, VDE	Panel Mount *Hockey Puck*	Zero Cross	Load Detection	-	GN535DDZH	84139150N
	50 A	150-510 VAC							GN550DDZH	84139120N
	75 A								GN575DDZH	84139130N
 <b>GNR Smart module</b> Load Diagnostic	40 A	-	4-32 VDC	CE, EAC*	Module On GNR/GNR+	-	Current Detection	-	GN540DDDR	84050040N
	40 A	-	24-45 VDC				Current & Diagnostic		GN540FDDR	84050043N

\* In process

## ACCESSORIES

Type	Description	P/N
 <b>HEATSINKS</b> 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
 <b>ADAPTORS</b> For DIN Rail	DIN Rail Adaptor	26532764N
 <b>THERMAL PADS</b> For Heatsink Mounting	Pre-cut thermal pad	26532720N
	Sticker thermal pad	26532722N
 <b>SCREWS</b> For Heatsink Mounting	Screw Mounting Kit	26 532 001
 <b>THERMAL GREASE</b> For Heatsink Mounting	Thermal Grease	26 532 003
 <b>LABEL</b> For SSR Identification	Label for SSR Identification	26 532 004