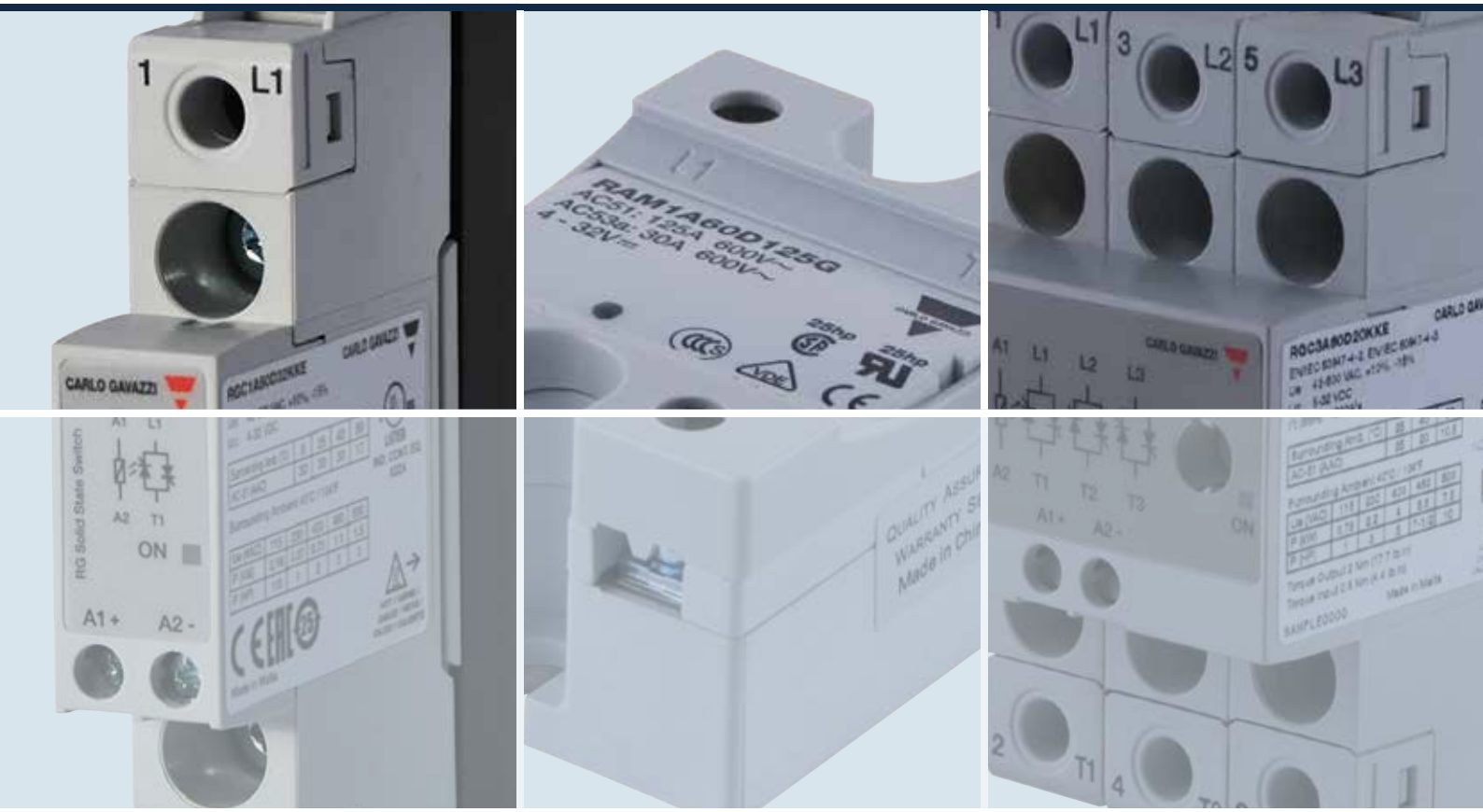
CARLO GAVAZZI
Automation Components

CARLO GAVAZZI



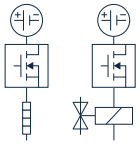
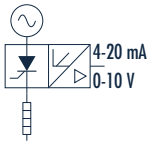
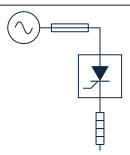
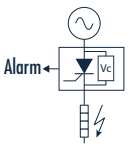
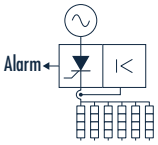
Overview

Solid state relays

Overview

Solid state relays

Function table

		Panel mount			DIN-Rail mount			PCB
		1-phase	2-pole	3-phase	1-phase	3-phase, 2-pole	3-phase	1-phase
Heater switching		RF1 RA / RA60 RS1 RGS1 RM1 / RAM1	RA2A RKD2 RK2	RZ3A	RGC1 RGH1	RGC2A RGCM2A	RGC3A RGCM3A	RP1 RP..10
Motor switching		RGS1 RM1	RA2A	RZ3A	RGC1 RGH1	RGC2A RGCM2A	RGC3A RGCM3A	RP1 RP..10
DC switching		RD RGS1D			RGC1D			RP1D
Peak switching		RM1C						
Proportional controllers		RM1E RGS1P			RGC1P	RGC2P	RGC3P	
Soft starting		RGS1P..K			RGC1P..K		RGC3P	
Reversing relays						REC2R		
Integrated fuse					RGC1FA RGC1FS			
System monitoring		RA..S RGS1..M			RGC1..M	RGC2..M	RGC3..M	
Current monitoring		RGS1S			RGC1S			
Real time monitoring					NRG RJ..MB			

CARLO GAVAZZI

Specification table

	Ratings (Amps)		1	5	10	15	25	30	40	50	55	65	75	90	100	110	125
Panel mount	RA	Flat top, 480 VAC					▼			▼				▼			
	RA60	Flat top, 1600 Vp, 600 VAC								▼				▼		▼	
	RA..S	System monitoring, 480 VAC					▼			▼				▼		▼	
	RA2A	FASTONs, 600 VAC					▼		▼								
	RAM1	VDE, 690 VAC					▼			▼			▼		▼		▼
	RAM1..G	VDE, IEC 60335-1, 600 VAC					▼			▼					▼		▼
	RD	60 VDC, 350 VDC	▼	▼													
	RF1	FASTONs, 280 VAC					▼										
	RGS1..E	E layout, 690 VAC					▼			▼			▼	▼			
	RGS1..U	U layout, 600VAC						▼									
	RGS1..M	System monitoring, 600 VAC					▼			▼				▼			
	RGS1D	1000 VDC				▼	▼										
	RGS1P	Analog input, 600 VAC								▼				▼			
	RGS1P..K	Soft start, 600 VAC								▼				▼			
	RGS1S..E	E layout, Current monitoring						▼						▼			
	RGS1S..U	U layout, Current monitoring										▼					
	RK2	Screws, common control								▼			▼				
	RKD2	Screws, 600 VAC								▼			▼				
	RM1	1400V blocking, 690 VAC					▼			▼			▼		▼		
	RM1C	Peak switching, 600 VAC					▼			▼			▼		▼		
	RM1E	Phase angle, 600 VAC					▼			▼					▼		▼
	RS1	No varistor, 480 VAC			▼		▼		▼								
	RS1..E	Triac output, 480 VAC					▼		▼								
	RZ3A	3-phase, 3-pole, 690 VAC					▼				▼		▼				

	Ratings (Amps)		8	10	15	20	23	25	30	37	40	43	50	60	63	65	75	85
DIN-Rail mount	NRG	Real time monitoring, Modbus						▼	▼	▼		▼				▼		
	REC2R	Reversing, 480 VAC	▼															
	RGC1..E	E layout, 600 VAC				▼	▼	▼	▼	▼	▼	▼		▼		▼		
	RGC1..EP	Integrated OTP							▼			▼				▼		▼
	RGC1..U	U layout, 600VAC				▼	▼	▼	▼		▼	▼		▼		▼		
	RGC1..UP	Integrated OTP									▼			▼				▼
	RGC1..M	System monitoring, 600 VAC				▼		▼	▼			▼				▼		
	RGC1D	1000 VDC			▼													
	RGC1FA, RGC1FS	Integrated fuse, 600 VAC				▼			▼		▼							
	RGC1P	Analog input, 600 VAC			▼				▼			▼	▼		▼			
	RGC1P..K	Soft start, 600 VAC							▼			▼			▼			
	RGC1S..E	E layout, Current monitoring					▼	▼	▼			▼				▼		▼
	RGC1S..U	U layout, Current monitoring										▼				▼		
	RGC2A	3-phase, 2-pole, 600 VAC		▼				▼			▼						▼	
	RGC2A..M	System monitoring, 600 VAC						▼			▼						▼	
	RGC2P	Analog input, 600 VAC			▼			▼			▼						▼	
	RGC3A	3-phase, 3-pole, 600VAC		▼		▼		▼	▼		▼					▼		
	RGC3A..M	System monitoring, 600 VAC				▼		▼	▼							▼		
	RGC3P	Analog input, 600 VAC				▼			▼							▼		
	RGCM2A	3-phase, 2-pole 45 mm wide				▼												
	RGCM3A	3-phase, 3-pole 45 mm wide			▼													
	RGH1..E	E layout, 1600 Vp, 690 VAC					▼		▼		▼			▼				
	RGH1..U	U layout, 1600 Vp, 690 VAC									▼			▼				
	RJ..MB	Real time monitoring, Modbus											▼					

	Ratings (Amps)		1	3	4	5	6	8	10
PCB	RP1, RP..10	Triac, 480 VAC		▼		▼	▼		▼
	RP1D	60 VDC, 350 VDC	▼		▼			▼	

Overview

Solid state relays

1-phase switching

Family	**RP1**	**RP..10**	**RF1**	**RA**	**RA60**
Maximum output ratings	up to 530 VAC, 5.5 AAC	up to 530 VAC, 10 AAC	up to 280 VAC, 25 AAC	up to 530 VAC, 90 AAC	up to 660 VAC, 110 AAC
Control voltage	4-32 VDC	4-32 VDC	5 / 12 / 24 VDC	3-32 VDC 10-90 VAC/DC, 90-280 VAC/DC	4.5-32 VDC
Width x Height x Depth (mm)	10.5 x 25 x 43	22 x 37 x 43	21 x 36 x 24	45 x 58 x 29	45 x 58 x 29
Certifications	CE - cURus - VDE	CE - cURus	CE - cURus - CSA - VDE - EAC	CE - cURus - CSA	CE - cURus - CSA
Features	• PCB mount • RP..M, DIN accessory	• PCB mount • 25A with forced cooling	• Conforms to EN 60335-1 • UL 100,000 cycle test	• Flat mounting surface	• 1600 V_P blocking • Varistor protection
Typical part number	**RP1 A 23 D 5**	**RP1 A 23 D 10**	**RF1 A 23 D 25**	**RA 24 25 -D 06**	**RA 60 50 -D 16**

1-phase switching

Family	**RS1..E**	**RS1**	**RM1**	**RAM1**	**RAM1..G**
Maximum output ratings	up to 530 VAC, 40 AAC	up to 530 VAC, 40 AAC	up to 660 VAC, 100 AAC	up to 750 VAC, 125 AAC	up to 660 VAC, 125 AAC
Control voltage	3-32 VDC 80-250 VAC	4-32 VDC 18-36 VAC/DC	4-32 VDC 20-280 VAC / 22-48 VDC	4-32 VDC 20-280 VAC / 22-48 VDC	4-32 VDC 20-280 VAC / 22-48 VDC
Width x Height x Depth (mm)	45 x 58 x 29	45 x 58 x 29	45 x 58 x 29	45 x 58 x 29	45 x 58 x 29
Certifications	CE - cURus - CSA - EAC	CE - cURus - CSA - EAC	CE - cURus - CSA - CCC - EAC	CE - cURus - CSA - CCC - VDE - EAC	CE - cURus - CSA - CCC - VDE - EAC
Features	• Triac output • Varistor protection	• 1200 V_P blocking	• 1400 V_P blocking • Varistor protection	• 1200 V_P blocking • Optional protection	• Conforms to EN 60335-1 • Varistor protection
Typical part number	**RS1 A 40 D 25 E**	**RS1 A 40 D 25**	**RM1 A 23 D 25**	**RAM1 A 60 D 25_**	**RAM1 A 60 D 25 G**

1-phase switching

Family	**RGS1..E**	**RGS1..U**	**RGC1..E**	**RGC1..U**	**RGH1**
Maximum output ratings	up to 750 VAC, 90 AAC	up to 660 VAC, 30 AAC	up to 660 VAC, 85 AAC	up to 660 VAC, 85 AAC	up to 750 VAC, 60 AAC
Control voltage	4-32 VDC 20-275 VAC / 24-190 VDC	4-32 VDC 20-275 VAC / 24-190 VDC	4-32 VDC 20-275 VAC / 24-190 VDC	4-32 VDC 20-275 VAC / 24-190 VDC	4-32 VDC 20-275 VAC / 24-190 VDC
Width x Height x Depth (mm)	17.8 x 90 x 51	17.8 x 90 x 51	17.8 up to 70 width	17.8 up to 70 width	17.8 up to 70 width
Certifications	CE - cURus - CSA - EAC - VDE	CE - cURus - CSA - EAC - VDE	CE - cULus - EAC - VDE - GL*	CE - cULus - EAC - VDE - GL*	CE - cULus - EAC - VDE
Features	• Varistor protection • 18,000 A^2s for I^2t	• Varistor protection • Slim U-type platform	• Varistor protection • 100 kA UL508 SCCR	• Varistor protection • 100 kA UL508 SCCR	• Varistor protection • 1600 V_P blocking
Typical part number	**RGS1 A 60 D 50 K K E**	**RGS1 A 60 D 30 K G U**	**RGC1 A 60 D 25 K K E**	**RGC1 A 60 D 25 K G U**	**RGH1 A 60 D 41 K G E**

Red digits are changeable. Refer to dataseeet / SCCR = Short Circuit Current Rating / *GL approval up to 30 A

CARLO GAVAZZI Automation Components. Specifications are subject to change without notice. Illustrations are for example only.

Solid state relays

2-pole switching

Family	RA2A	RA2A..C	RKD2	RK2
Maximum output ratings	up to 660 VAC, 40 AAC	up to 660 VAC, 40 AAC	up to 660 VAC, 75 AAC	up to 660 VAC, 75 AAC
Control voltage	4.5-32 VDC	4.5-32 VDC	4-32 VDC	4-32 VDC
Width x Height x Depth (mm)	45 x 58 x 32	45 x 58 x 35	45 x 58 x 33 / 44	45 x 58 x 33 / 44
Certifications	CE - cURus - CSA	CE - cURus	CE - cURus - CSA - VDE - EAC	CE - cURus - CSA - VDE - EAC
Features	• Fastons for quick setup • 'M' option for inductive loads	• Varistor protection • 4-pin header for control	• Transil protection • Conforms to EN 60335-1	• Common control • Conforms to EN 60335-1
Typical part number	**RA2A 23 D 25 M**	**RA2A 23 D 25 C**	**RKD2 A 60 D 50 P**	**RK2 A 60 D 50 P**

3-phase switching

Family	RGCM2A	RGC2A	RZ3A	RGCM3A	RGC3A
Maximum output ratings	up to 660 VAC, 20 AAC	up to 660 VAC, 75 AAC	up to 750 VAC, 75 AAC	up to 660 VAC, 15.5 AAC	up to 660 VAC, 65 AAC
Control voltage	5-32 VDC 20-275 VAC / 24-190 VDC	5-32 VDC 20-275 VAC / 24-190 VDC	4-32 VDC 24-275 VAC / 24-50 VDC	5-32 VDC 20-275 VAC / 24-190 VDC	5-32 VDC 20-275 VAC / 24-190 VDC
Width x Height x Depth (mm)	45 x 105 x 105	54 up to 72 width	103 x 74 x 41	45 x 105 x 105	54 up to 72 width
Certifications	CE - cULus - EAC	CE - cULus - VDE* - CCC - EAC	CE - cURus - CSA	CE - cULus - EAC	CE - cULus - VDE* - CCC - EAC
Features	• 45 mm product width • Varistor protection	• 100 kA UL508 SCCR • Varistor protection	• 1600 V_P blocking • Optional integrated OTP	• 45 mm product width • Varistor protection	• 100 kA UL508 SCCR • Varistor protection
Typical part number	**RGCM2 A 60 D 20 GKE**	**RGC2 A 60 D 40 KGE _**	**RZ3 A 60 D 55 _**	**RGCM3 A 60 D 15 GKE**	**RGC3 A 60 D 30 KGE _**

Proportional controllers

Family	RM1E	RGS1P	RGC1P	RGC2P	RGC3P
Maximum output ratings	up to 660 VAC, 125 AAC	up to 660 VAC, 90 AAC	up to 660 VAC, 63 AAC	up to 660 VAC, 75 AAC	up to 660 VAC, 65 AAC
Control input	4-20 mA 0-10 VDC	4-20 mA 0-10 / 0-5 / 1-5 VDC, external potentiometer	4-20 mA 0-10 / 0-5 / 1-5 VDC, external potentiometer	0-20 / 4-20 / 12-20 mA 0-10 / 0-5 / 1-5 VDC, external potentiometer	0-20 / 4-20 / 12-20 mA 0-10 / 0-5 / 1-5 VDC, external potentiometer
Width x Height x Depth (mm)	45 x 58 x 29	35.8 x 90 x 51	35.8 up to 72 width	54 up to 72 width	54 up to 72 width
Certifications	CE - cURus - CSA - EAC	CE - cURus - CSA - EAC	CE - cULus - EAC	CE - cULus - EAC - CCC	CE - cULus - EAC - CCC
Features	• Phase angle	• Phase angle, Full cycle, Advanced full cycle, Soft start	• Phase angle, Full cycle, Advanced full cycle, Soft start	• Full cycle	• Phase angle, Full cycle, Soft start
Typical part number	**RM1E 40 AA 50**	**RGS1P 60 V 50 E D**	**RGC1P 60 V 30 E D**	**RGC2P 60 V 40 C1 D M**	**RGC3P 60 V 30 C1 D M**

Red digits are changeable. Refer to dataseeet / SCCR = Short Circuit Current Rating / OTP = Over Temperature Protection / * VDE only for RGC..10

CARLO GAVAZZI Automation Components. Specifications are subject to change without notice. Illustrations are for example only.

Solid state relays

Integrated system monitoring

Family	**RA..S**	**RGS1..M**	**RGC1..M**	**RGC2A..M**	**RGC3A..M**
Maximum output ratings	up to 530 VAC, 110 AAC	up to 660 VAC, 90 AAC	up to 660 VAC, 65 AAC	up to 660 VAC, 75 AAC	up to 660 VAC, 65 AAC
Failure detection	Mains, load or SSR failure	Mains, load or SSR failure	Mains, load or SSR failure	Mains, Load, SSR failure or OTP	Mains, Load, SSR failure or OTP
Width x Height x Depth (mm)	45 x 58 x 29	17.8 x 90 x 82	17.8 up to 70 width	54 up to 72 width	54 up to 72 width
Certifications	CE - cURus - CSA	CE - cURus - CSA - EAC	CE - cULus - EAC	CE - cULus - CCC - EAC	CE - cULus - CCC - EAC
Features	• DC external supply • NC or NO alarm o/p	• DC external supply • NC or NO alarm o/p	• DC external supply • NC or NO alarm o/p	• DC/AC external supply • NC or NO alarm o/p	• DC/AC external supply • NC or NO alarm o/p
Typical part number	**RA 23 25 H 06 N C S**	**RGS1 A 60 D 50 K EM**	**RGC1 A 60 D 25 K EM**	**RGC2A 60 D 40 GGE DM**	**RGC3A 60 D 30 GGE DM**

Integrated fuse

Integrated current monitoring

Family	**RGC1FA**	**RGC1FS**	**RGS1S**	**RGC1S**
Maximum output ratings	up to 660 VAC, 40 AAC	up to 660 VAC, 40 AAC	up to 660 VAC, 90 AAC	up to 660 VAC, 85 AAC
Failure detection	-	Open fuse, Mains, Load or SSR failure	Partial Load Failure (1/6), Load or SSR failure, OTP	Partial Load Failure (1/6), Load or SSR failure, OTP
Width x Height x Depth (mm)	35.6 x 110 x 170	35.6 x 110 x 170	22.5 x 90 x 78	22.5 up to 70 width
Certifications	CE - cULus* - EAC	CE - cULus* - EAC	CE - UR - CSA - EAC	CE - cULus - EAC
Features	• DC control SSR with onboard short circuit protection	• DC external supply • NC alarm o/p	• Local or remote TEACH • NC alarm o/p	• Local or remote TEACH • NC alarm o/p
Typical part number	**RGC1F A 60 D 40 GGE**	**RGC1F S 60 D 40 GGE**	**RGS1 S 60 D 30 G K E P**	**RGC 1 S 60 D 25 G K E P**

Integrated OTP

Real time monitoring

Family	**RGC1..P**	**RJ..MB**	**NRG**
Maximum output ratings	up to 660 VAC, 85 AAC	up to 660 VAC, 50 AAC	up to 660 VAC, 65 AAC
Control voltage	5-32 VDC 20-275 VAC / 24-190 VDC	ModBus RTU on RS485	4-32 VDC
Width x Height x Depth (mm)	22.5 up to 70 width	45 x 103 x 122	17.8 up to 70 width
Certifications	CE - cULus - EAC	CE - UR - cUR	CE - cULus - EAC
Features	• Varistor protection • 100kA UL508 SCCR	• Selectable mode: ON/OFF, Phase angle, Burst • Read out: Current, Voltage, Power	• Modbus RTU: Current, Voltage, Power, Energy consumption, Running hours
Typical part number	**RGC1 A 60 D 30 G K E P**	**RJ1P 23 MBT 50 E C V**	**NRGC, RGC1 A 60 D 25 K EN**

Red digits are changeable. Refer to dataseeet / SCCR = Short Circuit Current Rating / OTP = Over Temperature Protection / NC = Normally Closed, NO = Normally Open / *RGC1F..40 not UL approved

Solid state relays

Peak switching

Soft starting

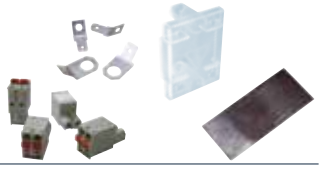
	RM1C	RGS1P..K	RGC1P..K
Family	**RM1C**	**RGS1P..K**	**RGC1P..K**
Maximum output ratings	up to 660 VAC, 100 AAC	up to 660 VAC, 90 AAC	up to 660 VAC, 63 AAC
Control voltage	4.25-32 VDC	19.2-28.8 VDC	19.2-28.8 VDC
Width x Height x Depth (mm)	45 x 58 x 29	35.8 x 90 x 51	35.8 up to 72 width
Certifications	CE - cURus - CSA - EAC	CE - UR - CSA - EAC	CE - cULus - EAC
Features	• Ideal for loads with power factor >0.2 such as transformer switching	• Ramp up time up to 5s • Varistor protection	• Ramp up time up to 5s • Varistor protection
Typical part number	**RM1C 40 D 100**	**RGS1P 60 K 50 ED**	**RGC1P 60 K 30 ED**

DC switching

	RP1D	RD	RGS1D	RGC1D
Family	**RP1D**	**RD**	**RGS1D**	**RGC1D**
Maximum output ratings	8A/60 VDC, 1A/350 VDC	5A/60 VDC, 1A/350 VDC	up to 1000 VDC, 25 ADC	up to 1000 VDC, 15 ADC
Control voltage	4.25-32 VDC	3-32 VDC	4.5-32 VDC	4.5-32 VDC
Width x Height x Depth (mm)	10.5 x 25 x 43	45 x 58 x 30	17.8 x 90 x 51	17.8 x 110 x 141
Certifications	CE - UR - cUR	CE - CSA	CE - UR - CSA - EAC	CE - cULus - EAC
Features	• PCB mount • RP..M, DIN accessory	• Flat mounting surface	• Slim platform • IGBT output	• Slim platform • IGBT output
Typical part number	**RP1D 060 D 8**	**RD 06 05 -D**	**RGS1 D 1000 D 25 KKE**	**RGC1 D 1000 D 15 KKE**

Reversing relays

Accessories



	REC2R	Heatsinks	Other accessories
Family	**REC2R**	**Heatsinks**	**Other accessories**
Maximum output ratings	up to 530 VAC, 3 kW	5.4 to 0.4 °C/W	-
Control voltage	15-32 VDC 90-253 VAC	-	-
Width x Height x Depth (mm)	45 x 105 x 100	-	-
Certifications	CE - cULus - EAC	CE (RoHS conformant)	CE (RoHS conformant)
Features	• Max. 7.6 AAC AC53a • Integrated interlock circuitry	• DIN mount, Panel mount and thru wall mount heatsinks	• Thermal pads, Terminal adaptors, Protection covers, etc.
Typical part number	**REC2R 48 D 30 GKE**	**RHS...**	**-**

Red digits are changeable. Refer to dataseeet / SCCR = Short Circuit Current Rating / SSR = Solid State Relay

CARLO GAVAZZI Automation Components. Specifications are subject to change without notice. Illustrations are for example only.

OUR SALES NETWORK IN EUROPE

AUSTRIA
Carlo Gavazzi GmbH
Ketzergasse 374,
A-1230 Wien
Tel: +43 1 888 4112
Fax: +43 1 889 10 53
office@carlogavazzi.at

BELGIUM
Carlo Gavazzi NV/SA
Mechelsesteenweg 311,
B-1800 Vilvoorde
Tel: +32 2 257 4120
Fax: +32 2 257 41 25
sales@carlogavazzi.be

DENMARK
Carlo Gavazzi Handel A/S
Over Hadstenvej 40,
DK-8370 Hadsten
Tel: +45 89 60 6100
Fax: +45 86 98 15 30
handel@gavazzi.dk

FINLAND
Carlo Gavazzi OY AB
Ahventie, 4 B
FI-02170 Espoo
Tel: +358 9 756 2000
myynti@gavazzi.fi

FRANCE
Carlo Gavazzi Sarl
Zac de Paris Nord II, 69, rue de la Belle Etoile,
F-95956 Roissy CDG Cedex
Tel: +33 1 49 38 98 60
Fax: +33 1 48 63 27 43
french.team@carlogavazzi.fr

GERMANY
Carlo Gavazzi GmbH
Pfnorstr. 10-14
D-64293 Darmstadt
Tel: +49 6151 81000
Fax: +49 6151 81 00 40
info@gavazzi.de

GREAT BRITAIN
Carlo Gavazzi UK Ltd
4.4 Frimley Business Park,
Frimley, Camberley, Surrey GU16 7SG
Tel: +44 1 276 854 110
Fax: +44 1 276 682 140
sales@carlogavazzi.co.uk

ITALY
Carlo Gavazzi SpA
Via Milano 13,
I-20020 Lainate
Tel: +39 02 931 761
Fax: +39 02 931 763 01
info@gavazziacbu.it

NETHERLANDS
Carlo Gavazzi BV
Wijkermeerweg 23,
NL-1948 NT Beverwijk
Tel: +31 251 22 9345
Fax: +31 251 22 60 55
info@carlogavazzi.nl

NORWAY
Carlo Gavazzi AS
Melkeveien 13,
N-3919 Porsgrunn
Tel: +47 35 93 0800
Fax: +47 35 93 08 01
post@gavazzi.no

PORTUGAL
Carlo Gavazzi Lda
Rua dos Jerónimos 38-B,
P-1400-212 Lisboa
Tel: +351 21 361 7060
Fax: +351 21 362 13 73
carlogavazzi@carlogavazzi.pt

SPAIN
Carlo Gavazzi SA
Avda. Iparraguirre, 80-82,
E-48940 Leioa (Bizkaia)
Tel: +34 94 480 4037
Fax: +34 94 431 6081
gavazzi@gavazzi.es

SWEDEN
Carlo Gavazzi AB
V:a Kyrkogatan 1,
S-652 24 Karlstad
Tel: +46 54 85 1125
Fax: +46 54 85 11 77
info@carlogavazzi.se

SWITZERLAND
Carlo Gavazzi AG
Verkauf Schweiz/Vente Suisse
Sumpfstrasse 3,
CH-6312 Steinhausen
Tel: +41 41 747 4535
Fax: +41 41 740 45 40
info@carlogavazzi.ch

OUR SALES NETWORK IN THE AMERICAS

USA
Carlo Gavazzi Inc.
750 Hastings Lane,
Buffalo Grove, IL 60089, USA
Tel: +1 847 465 6100
Fax: +1 847 465 7373
sales@carlogavazzi.com

CANADA
Carlo Gavazzi Inc.
2660 Meadowvale Boulevard,
Mississauga, ON L5N 6M6, Canada
Tel: +1 905 542 0979
Fax: +1 905 542 22 48
gavazzi@carlogavazzi.com

MEXICO
Carlo Gavazzi Mexico S.A. de C.V.
Circuito Puericultores 22, Ciudad Satelite
Naucalpan de Juárez, EDOMEX CP 53100
Tel & Fax: +52.55.5373.7042
mexicosales@carlogavazzi.com

BRAZIL
Carlo Gavazzi Automação Ltda.
Av. Francisco Matarazzo, 1752
Conj 2108 - Barra Funda - São Paulo/SP
Tel: +55 11 3052 0832
Fax: +55 11 3057 1753
info@carlogavazzi.com.br

OUR SALES NETWORK IN ASIA AND PACIFIC

SINGAPORE
Carlo Gavazzi Automation Singapore Pte. Ltd.
61 Tai Seng Avenue #05-06
Print Media Hub @ Paya Lebar iPark
Singapore 534167
Tel: +65 67 466 990
Fax: +65 67 461 980
info@carlogavazzi.com.sg

MALAYSIA
Carlo Gavazzi Automation (M) SDN. BHD.
D12-06-G, Block D12,
Pusat Perdagangan Dana 1,
Jalan PJU 1A/46, 47301 Petaling Jaya,
Selangor, Malaysia.
Tel: +60 3 7842 7299
Fax: +60 3 7842 7399
sales@gavazzi-asia.com

CHINA
Carlo Gavazzi Automation
(China) Co. Ltd.
Unit 2308, 23/F.,
News Building, Block 1,1002
Middle Shennan Zhong Road,
Shenzhen, China
Tel: +86 755 83699500
Fax: +86 755 83699300
sales@carlogavazzi.cn

HONG KONG
Carlo Gavazzi Automation
Hong Kong Ltd.
Unit 3 12/F Crown Industrial Bldg.,
106 How Ming St., Kwun Tong,
Kowloon, Hong Kong
Tel: +852 23041228
Fax: +852 23443689

OUR COMPETENCE CENTRES AND PRODUCTION SITES

DENMARK
Carlo Gavazzi Industri A/S
Hadsten

MALTA
Carlo Gavazzi Ltd
Zejtun

ITALY
Carlo Gavazzi Controls SpA
Belluno

LITHUANIA
Uab Carlo Gavazzi Industri Kaunas
Kaunas

CHINA
Carlo Gavazzi Automation (Kunshan) Co., Ltd.
Kunshan

HEADQUARTERS

Carlo Gavazzi Automation SpA
Via Milano, 13
I-20020 - Lainate (MI) - ITALY
Tel: +39 02 931 761
info@gavazziautomation.com

Printed on 100% recycled paper
produced using
post consumer de-inked waste.

CARLO GAVAZZI
Automation Components

Energy to Components!

www.gavazziautomation.com

CARLO GAVAZZI

OVERVIEW SOLID STATE RELAYS ENG 05/2019
Specifications are subject to change without notice. Illustrations are for example only.