

Applications



DIN mounting

RGS1 solid state relay can be DIN mounted by means of the RGS1DIN accessory. RGS1 rating up to 12AAC @ 40°C (104°F) when mounted on RGS1DIN



RGS Power Pack

A pack with maximum 11 RGS1.. on heatsink with integrated overheat protection. Rating per SSR goes up to 30AAC @ 40°C (104°F)



Thermal pads

An alternative to thermal paste: RGHT is a pack of 10 thermal pads. Suffix 'HT', hence RGS...HT, for factory mounted thermal pad



Heatsinks

A number of heatsinks are available for mounting the RGS on different heatsinks than those offered in the RGC series. The smallest heatsink in the range is a low profile 17.5mm heatsink, the RHS37A

Selection guide

'E' type configurations

Rated voltage, Blocking voltage, Switching mode	Connection Control/ power	Control voltage	25AAC (525A ² s) 17.5mm	50AAC (1800A ² s) 17.5mm	75AAC (3200A ² s) 17.5mm	90AAC (6600A ² s) 17.5mm	90AAC (18000A ² s) 17.5mm
230VAC, 800Vp ZC	x / Screw	3 - 32VDC	RGS1A23D25xKE	RGS1A23D50xKE	RGS1A23D75KKE	-	-
		20 - 275VAC (24 - 190VDC)	RGS1A23A25xKE	RGS1A23A50xKE	RGS1A23A75KKE	-	-
600VAC, 1200Vp ZC	x / Screw	4 - 32VDC	RGS1A60D25xKE	RGS1A60D50xKE	RGS1A60D75KKE	RGS1A60D90xKE	RGS1A60D92xKE
		20 - 275VAC (24 - 190VDC)	RGS1A60A25xKE	RGS1A60A50xKE	RGS1A60A75KKE	RGS1A60A90xKE	RGS1A60A92xKE
	x / Box	4 - 32VDC	-	RGS1A60D50xGE	-	-	RGS1A60D92xGE
		20 - 275VAC (24 - 190VDC)	-	RGS1A60A50KGE	-	-	RGS1A60A92KGE
600VAC, 1600Vp ZC	Screw / Screw	4 - 32VDC	-	RGS1A60D51KKE	-	RGS1A60D91KKE	-
		20 - 275VAC (24 - 190VDC)	-	RGS1A60A51KKE	-	RGS1A60A91KKE	-
600VAC, 1200Vp IO	Screw / Screw	4 - 32VDC	RGS1B60D25KKE	RGS1B60D50KKE	RGS1B60D75KKE	RGS1A60D90KKE	-

'U' type configurations

Rated voltage, Blocking voltage, Switching mode	Connection Control/ power	Control voltage	20AAC (525A ² s) 17.5mm	30AAC (1800A ² s) 17.5mm	-	-	-
230VAC, 800Vp ZC	Screw / Box	3 - 32VDC	RGS1A23D20KGU	RGS1A23D30KGU	-	-	-
		20 - 275VAC (24 - 190VDC)	RGS1A23A20KGU	RGS1A23A30KGU	-	-	-
600VAC, 1200Vp ZC	Screw / Box	4 - 32VDC	RGS1A60D20KGU	RGS1A60D30KGU	-	-	-
		20 - 275VAC (24 - 190VDC)	RGS1A60A20KGU	RGS1A60A30KGU	-	-	-
600VAC, 1200Vp IO	Screw / Box	4 - 32VDC	RGS1B60D20KGU	RGS1B60D30KGU	-	-	-

x = control connection type, x = 'K' for screw, x = 'M' for spring

ZC = Zero Cross Switching, IO = Instant On Switching

Further details are available on online datasheets at www.gavazziautomation.com

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Switches