

Selection Guide

Rated voltage, Blocking voltage, Switching mode	Control voltage	Connection Control/ Power	Rated operational current @ 40°C (I ² t value)				
			20 AAC (525A ² s) 17.5mm, low depth	23 AAC (525A ² s) 17.5mm	25 AAC (1800A ² s) 17.5mm, low depth	30 AAC (1800A ² s) 22.5mm	
230V, 800Vp ZC	3-32VDC	Screw/Screw Spring/Screw	RGC1A23D15KKE	RGC1A23D20KKE	RGC1A23D25KKE	RGC1A23D30KKE	
			RGC1A23D15MKE	RGC1A23D20MKE	RGC1A23D25MKE	RGC1A23D30MKE	
	20-275VAC, 24-190VDC	Screw/Screw Spring/Screw	RGC1A23A15KKE	RGC1A23A20KKE	RGC1A23A25KKE	RGC1A23A30KKE	
			RGC1A23A15MKE	RGC1A23A20MKE	RGC1A23A25MKE	RGC1A23A30MKE	
				40 AAC (3200A²s) 35mm	43 AAC (18000A²s) 35mm	60 AAC (3200A²s) 70mm	65 AAC (18000A²s) 70mm
	3-32VDC	Screw/Box Spring/Box	RGC1A23D40KGE	RGC1A23D42KGE	RGC1A23D60KGE	RGC1A23D62KGE	
			RGC1A23D40MGE	RGC1A23D42MGE	-	RGC1A23D62MGE	
	20-275VAC, 24-190VDC	Screw/Box Spring/Box	RGC1A23A40KGE	RGC1A23A42KGE	RGC1A23A60KGE	RGC1A23A62KGE	
			RGC1A23A40MGE	RGC1A23A42MGE	-	RGC1A23A62MGE	
				20 AAC (525A²s) 17.5mm, low depth	23 AAC (525A²s) 17.5mm	25 AAC (1800A²s) 17.5mm, low depth	30 AAC (1800A²s) 22.5mm
	600V, 1200Vp ZC	4-32VDC	Screw/Screw Spring/Screw	RGC1A60D15KKE	RGC1A60D20KKE	RGC1A60D25KKE	RGC1A60D30KKE
				RGC1A60D15MKE	RGC1A60D20MKE	RGC1A60D25MKE	RGC1A60D30MKE
20-275VAC, 24-190VDC		Screw/Screw Spring/Screw	RGC1A60A15KKE	RGC1A60A20KKE	RGC1A60A25KKE	RGC1A60A30KKE	
			RGC1A60A15MKE	RGC1A60A20MKE	RGC1A60A25MKE	RGC1A60A30MKE	
			40 AAC (3200A²s) 35mm	43 AAC (18000A²s) 35mm	60 AAC (3200A²s) 70mm	65 AAC (18000A²s) 70mm	
4-32VDC		Screw/Box Spring/Box	RGC1A60D40KGE	RGC1A60D42KGE	RGC1A60D60KGE	RGC1A60D62KGE	
			RGC1A60D40MGE	RGC1A60D42MGE	-	RGC1A60D62MGE	
20-275VAC, 24-190VDC		Screw/Box Spring/Box	RGC1A60A40KGE	RGC1A60A42KGE	RGC1A60A60KGE	RGC1A60A62KGE	
			RGC1A60A40MGE	RGC1A60A42MGE	-	RGC1A60A62MGE	
			20 AAC (525A²s) 17.5mm, low depth	23 AAC (525A²s) 17.5mm	25 AAC (1800A²s) 17.5mm, low depth	30 AAC (1800A²s) 22.5mm	
600V, 1200Vp IO		4-32VDC	Screw/Screw	RGC1B60D15KKE	RGC1B60D20KKE	RGC1B60D25KKE	RGC1B60D30KKE
							40 AAC (3200A²s) 35mm
	4-32VDC	Screw/Box	RGC1B60D40KGE	RGC1B60D42KGE	RGC1B60D60KGE	RGC1B60D62KGE	

Selection Guide - RGC..P (Integrated Overtemperature Protection)

Rated voltage, Blocking voltage, Switching mode	Control voltage	Connection Control/ Power	Rated operational current @ 40°C (I ² t value)			
			Product width			
			23 AAC (525A ² s) 22.5mm	25 AAC (1800A ² s) 22.5mm, low depth	30 AAC (1800A ² s) 22.5mm	85AAC (6600A ² s) 70mm + fan
230V, 800Vp ZC	5-32VDC	Screw/Screw	RGC1A23D20GKEP	-	RGC1A23D30GKEP	RGC1A23D90GGEP
600V, 1200Vp ZC	5-32VDC 20-275VAC, 24-190VDC	Box/Screw	RGC1A60D20GKEP	RGC1A60D25GKEP	RGC1A60D30GKEP	
		Box/Screw	RGC1A60A20GKEP	RGC1A60A25GKEP	RGC1A60A30GKEP	
	5-32VDC 20-275VAC, 24-190VDC	Box/Box	RGC1A60D40GGEP	RGC1A60D42GGEP	RGC1A60D60GGEP	RGC1A60D62GGEP
Box/Box		RGC1A60A40GGEP	RGC1A60A42GGEP	RGC1A60A60GGEP	RGC1A60A62GGEP	
	5-32VDC 20-275VAC, 24-190VDC	Box/Box	RGC1A60D90GGEP		RGC1A60D92GGEP	
Box/Box		RGC1A60A90GGEP		RGC1A60A92GGEP		

Output Voltage Specifications

	RGC..23..	RGC..60..
Operational Voltage Range	24-240 VAC, +10%, -15% on max	42-600 VAC, +10% -15% on max
Blocking Voltage	800Vp	1200 Vp
Internal Varistor	275V	625V

General Specifications

Latching voltage (across L1-T1)	≤20V	Over-voltage category	III (fixed installations)
Operational frequency range	45 to 65Hz	Isolation	
Power factor	> 0.5 @ Vrated	Input to Output RGC...	4000 Vrms
Touch Protection	IP20	RGC...D..P	2500 Vrms
Control input status	continuously ON Green LED, when control input is applied	RGC...A..P	4000 Vrms
Pollution degree	2 (non-conductive pollution with possibilities of condensation)	Input and Output RGC...	4000 Vrms
		to case RGC...D..P	4000 Vrms
		RGC...A..P	4000 Vrms
		Input to Fan/ Alarm Output	
		RGC...A..P	2500 Vrms