

Rotary Isolator Switches with Plastic Enclosure


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Order #	Pole No.	Max. rated uninterrupted current (AC-23A)	Operational rating power 380/440VAC (AC-23A)	Mount	IP degree
GR203S	3P	20A	5.5KW	SURFACE	IP65
GR253S	3P	25A	7.5KW	SURFACE	IP65
GR323S	3P	32A	11KW	SURFACE	IP65
GR403S	3P	40A	15KW	SURFACE	IP65
GR633S	3P	63A	22KW	SURFACE	IP65
GR803S	3P	80A	30KW	SURFACE	IP65
GR1003S	3P	100A	37KW	SURFACE	IP65
GR1253S	3P	125A	45KW	SURFACE	IP65
GR204S	3P+N	20A	5.5KW	SURFACE	IP65
GR254S	3P+N	25A	7.5KW	SURFACE	IP65
GR324S	3P+N	32A	11KW	SURFACE	IP65
GR404S	3P+N	40A	15KW	SURFACE	IP65
GR634S	3P+N	63A	22KW	SURFACE	IP65
GR804S	3P+N	80A	30KW	SURFACE	IP65
GR1004S	3P+N	100A	37KW	SURFACE	IP65
GR1254S	3P+N	125A	45KW	SURFACE	IP65

Isolator Rating (AC21)	Measure	Switch Code	GR20	GR25	GR32	GR40	GR63	GR80	GR100	GR125
Rated operational voltage, UE										
IEC/EN/VDE	Volts	V	690	690	690	690	690	690	690	690
Main switch: Isolating voltage up to 1	Volts	V	750	750	750	750	750	750	750	750
Resistance to surge pulse voltage, Uimp	Volts	kV	6	6	6	6	6	6	6	6
Rated uninterrupted current, Iu	Amp	A	16	20	25	32	40	63	100	125

Rated uninterrupted current, Ie											
IEC/EN/VDE	AC22	Amp	A	16	20	25	32	40	63	100	125
	AC-21A	Amp	A	20	25	32	40	63	80	100	125
	AC-1	Amp	A	20	25	32	40	63	80	100	125
UL/CSA		Amp	A	16	20	25	32	40	63	100	125
Rated operational power at 50 to 60 Hz(IEC/EN/VDE)											
IEC/EN/VDE	AC-23A 3 phase, 3 pole	220-240V	kW	3	4	5.5	7.5	11	15	22	30
		380-440V	kW	5.5	7.5	11	15	18.5	30	37	45
		500-690V	kW	7.5	11	11	15	22	30	45	55
	AC-3A 3 phase, 3 pole	220-240V	kW	2	3	4	5.5	7.5	11	18.5	22
		380-440V	kW	3	5.5	7.5	11	18.5	22	30	37
		500-690V	kW	5.5	7.5	11	11	18.5	22	37	45
Short circuit capacity (IEC/EN/VDE)											
Max. fuse size (type GL)		Amp	A	16	25	25	32	40	63	100	125
Rated fused short circuit current		Amp	kA	5	5	30	30	30	30	30	30
Terminal cross section											
IEC & European standards		IEC 60947-1 & 3, EN60947, VDE 0660-107									
Single/multiple strand wire	Min	mm ²	1.5	1.5	1	1	4	4	6	6	
	Max	mm ²	6	6	10	10	16	16	70	70	
Fine strand wire with sleeve	Min	mm ²	0.5	0.5	0.75	0.75	2.5	2.5	4	4	
	Max	mm ²	6	6	6	6	10	10	50	50	
American wire gauge		-	AWG	12	12	8	8	6	6	1	1
Recommended tightening torque for terminals		-	HM	0.8	0.8	1.7	1.7	1.7	1.7	2.5	2.5