

Modular Contactor SERIES

SGC1 Series Modular Contactor



SGC1 Series

Modular Contactor

Standard	EN/IEC 61095
Maximum power	AC1220/230VAC:20A4.5KW(SGC1-20) 25A16KW(SGC1-25) AC-1/AC-7a 380/400VAC: 63A 40KW(SGC1-63) AC-3/AC-7b 380/400VAC:25A 15KW(SGC1-63) 4KW(SGC1-25)
Main contacts terminal capacity	1.5-6mm ² (SGC1-10/16/20/25A) 6-16mm ² (SGC1-40/63A)
Coil contact A1,A2 terminal capacity	0.75-2.5mm ²
Electric endurance	≥100,000
Mechanical endurance	≥5000,000
Protection degree	IP20
Terminal tightening torque(N.m)	0.8-3.5
Ambient temperature (°C)	-5~+60,max.95% humidity
Storage temperature(°C)	-40~+75
Connection capacity(mm ²)	1.5-16
Certification	  



SGC1-2P(10A-25A)



SGC1-2P(32A-63A)



SGC1-4P(10A-25A)



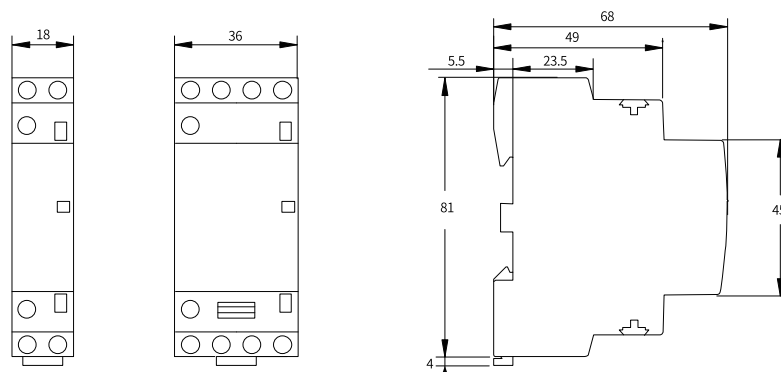
SGC1-4P(32A-63A)

SGC1 Series

Modular Contactor

	Code NO.	Rated current I_n (A)		Contact position	Control voltage (Vac)	Rated control power in (kW)	
		Ac-7a/Ac-1	Ac-7b/Ac-1			Ac-7a/230V	Ac-7b/230V
 SGC1-2P(10A-25A)	SGC1-10-11	10	4	1NO+1NC	240	2	0.75
	SGC1-10-20			2NO			
	SGC1-10-02			2NC			
	SGC1-16-11	16	6	1NO+1NC		3.2	1.0
	SGC1-16-20			2NO			
	SGC1-16-02			2NC			
	SGC1-20-11	20	7	1NO+1NC		4	1.2
	SGC1-20-20			2NO			
	SGC1-20-02			2NC			
	SGC1-25-11	25	9	1NO+1NC		5	1.4
	SGC1-25-20			2NO			
	SGC1-25-02			2NC			
 SGC1-4P(10A-25A)	SGC1-10-22	10	4	2NO+2NC		6.2	2.2
	SGC1-10-31			3NO+1NC			
	SGC1-10-40			4NO			
	SGC1-10-04			4NC			
	SGC1-16-22	16	6	2NO+2NC		10	3
	SGC1-16-31			3NO+1NC			
	SGC1-16-40			4NO			
	SGC1-16-04			4NC			
	SGC1-20-22	20	7	2NO+2NC		13	3.5
	SGC1-20-31			3NO+1NC			
	SGC1-20-40			4NO			
	SGC1-20-04			4NC			
	SGC1-25-22	25	9	2NO+2NC		15	4
	SGC1-25-31			3NO+1NC			
	SGC1-25-40			4NO			
	SGC1-25-04			4NC			

Overall and mounting dimensions

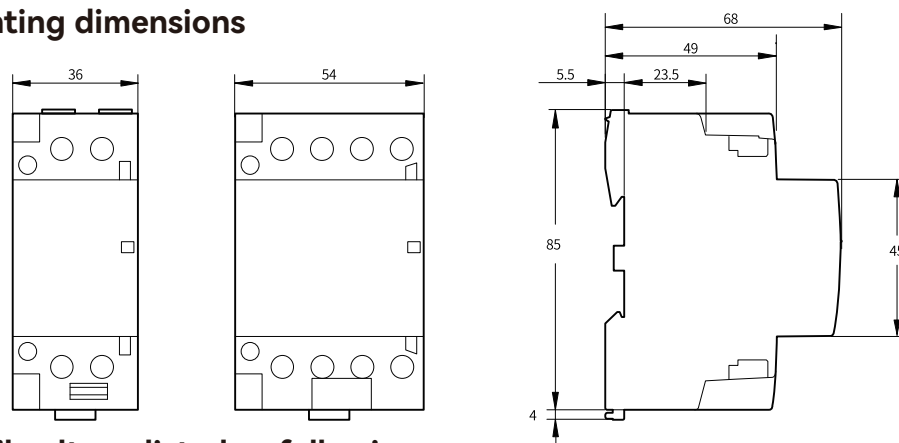


SGC1 Series

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	Code NO.	Rated current In(A)		Contact position	Control voltage (Vac)	Rated control power in (kW)	
		Ac-7a/Ac-1	Ac-7b/Ac-1			Ac-7a/400V	Ac-7b/400V
 SGC1-2P(32A-63A)	SGC1-32-11	32	12	1NO+1NC	240	6.5	2
	SGC1-32-20			2NO			
	SGC1-32-02			2NC			
	SGC1-40-11	40	15	1NO+1NC		8.5	2.5
	SGC1-40-20			2NO			
	SGC1-40-02			2NC			
	SGC1-63-11	63	25	1NO+1NC		13	4
	SGC1-63-20			2NO			
	SGC1-63-02			2NC			
 SGC1-4P(32A-63A)	SGC1-32-22	32	12	2NO+2NC		21	6.5
	SGC1-32-31			3NO+1NC			
	SGC1-32-40			4NO			
	SGC1-32-04			4NC			
	SGC1-40-22	40	15	2NO+2NC		26	7.5
	SGC1-40-31			3NO+1NC			
	SGC1-40-40			4NO			
	SGC1-40-04			4NC			
	SGC1-63-22	63	25	2NO+2NC		40	13
	SGC1-63-31			3NO+1NC			
	SGC1-63-40			4NO			
	SGC1-63-04			4NC			

Overall and mounting dimensions



Refer to other coil voltage listed as followings

Coil voltage(V)	24	36	48	110	127	220	230	240	380	415	440	480	500	600	660
50Hz	B5	C5	E5	F5	G5	M5	P5	U5	Q5	N5	R5	T5	S5	-	Y5
60Hz	B6	-	E6	F6	G6	M6	P6	U6	Q6	N6	R6	T6	-	B6	-
50/60Hz	B7	C7	E7	F7	G7	M7	P7	U7	Q7	N7	R7	T7	-	-	-