

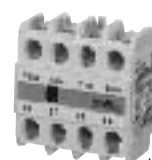
Contactors SC-M and SC-E series

Optional accessories

• Auxiliary contact blocks with terminal covers

Applicable contactor	Mounting	No. of contacts	Contact arrangement	Part number
SC-M01, M02 SC-M01/G, M02/G	Front mounting	4	4NO	SZ-MA40
			3NO+1NC	SZ-MA31
			2NO+2NC	SZ-MA22
			1NO+3NC	SZ-MA13
			4NC	SZ-MA04
		2	2NO	SZ-MA20
			1NO+1NC	SZ-MA11
			2NC	SZ-MA02
		1	1NO	SZ-MAS10
			1NC	SZ-MAS01
SC-E02 to E4 SC-E02/G to E4/G	Front mounting	4	4NO	SZ-A40/T
			3NO+1NC	SZ-A31/T
			2NO+2NC	SZ-A22/T
			2NO	SZ-A20/T
		2	1NO+1NC	SZ-A11/T
			2NC	SZ-A02/T
		2	1NO+1NC	SZ-AS1/T
			1NO+1NC	SZ-AS2/T
SC-E5, E6, E7	Side mounting	2	1NO+1NC	SZ-AS2/T

Front mounting

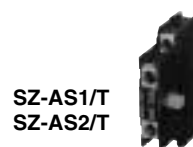


SZ-A22/T



SZ-A11/T

Side mounting



SZ-AS1/T
SZ-AS2/T

KK02-081
AF88-080
KK01-090

Contact ratings

- Based on UL and CSA

Rated thermal current (A)	Making and breaking current (A)					
	AC (rating code A600)			DC (rating code Q300)		
	Volts	Making	Breaking	Volts	Making	Breaking
10	120V	60	6	125V	0.55	0.55
	240V	30	3	250V	0.27	0.27
	480V	15	1.5			
	600V	12	1.2			

• Main circuit surge suppression units

Applicable contactor	Mounting	Rated voltage and frequency	CR constant	Applicable 3-phase motor	Part number
SC-M01, M02, M01/G, M02/G	—	—	—	—	—
SC-E02 to E05	Front mounting	250V AC	C=0.22 μ F	200–240V AC	SZ-ZM1E
SC-E02/G to E05/G	Side mounting	50/60Hz	R=100 Ω	1-1/2–5HP	SZ-ZM2E
SC-E1 to E4	Front mounting	250V AC	C=0.33 μ F	200–240V AC	SZ-ZM3E
SC-E1/G to E4/G	Side mounting	50/60Hz	R=47 Ω	1-1/2–30HP	SZ-ZM4E

• Coil surge suppression units

Applicable contactor	Operating coil voltage	Device	Operation indicator	Part number
SC-M01, M02	—	CR	—	SZ-MZ1
			—	SZ-MZ2
—	SC-M01/G, M02/G	Diode	—	SZ-MZ3
SC-E02 to E05	SC-E02/G to E05/G	Varistor	—	SZ-Z1
			—	SZ-Z2
			—	SZ-Z3
SC-E02 to E05	SC-E02/G to E05/G		Red LED	SZ-Z6
			Red LED	SZ-Z7
			—	SZ-Z31
SC-E1 to E4	SC-E1/G to E4/G		—	SZ-Z32
			—	SZ-Z33
			—	SZ-Z4
SC-E02 to E05	SC-E02/G to E05/G	CR	—	SZ-Z5
			—	SZ-Z8
SC-E02 to E05	SC-E02/G to E05/G		Red LED	SZ-Z9
			Red LED	SZ-Z34
SC-E1 to E4	—		—	SZ-Z35
			—	SZ-Z36
—	SC-E1/G to E4/G		—	SZ-Z37

Main circuit surge suppression units



Front mounting
SZ-ZM1E

KK02-077



Side mounting
SZ-ZM4E

KK02-079

Coil surge suppression unit



CR
SZ-Z4

AF88-766

Contactors SC-M and SC-E series

Optional accessories

• Power Connection kit for reversing for SC-M and SC-E contactor

Description	Applicable contactor	Part number	Mass (g)
Line side and load side wire kits	SC-M01, M02, M01/G, M02/G	SZ-MRWC	4.2
Line side wire kit	SC-E02 to E05	SZ-ERW1/A	19
Load side wire kit	SC-E02/G to E05/G	SZ-ERW1/B	17
Load side wire kit for the contactor to be connected with overload relay.		SZ-ERW1/D	13
Line side wire kit	SC-E1 to E2S,	SZ-ERW2/A	48
Load side wire kit	SC-E1/G to E2S/G,	SZ-ERW2/B	42
Load side wire kit for the contactor to be connected with overload relay.		SZ-ERW2/D	31
Line side wire kit	SC-E3,E4	SZ-ERW3/A	162
Load side wire kit	SC-E3/G,E4/G	SZ-ERW3/B	138
Load side wire kit for the contactor to be connected with overload relay.		SZ-ERW3/D	110



• Mechanical interlock unit

Description	Applicable contactor	Part number	Mass (g)
	SC-M01, M02, M01/G, M02/G	SZ-MRM	3
	SC-E02 to E4	SZ-RM	27
	SC-E02/G to E4/G		



• Preparing to make a reversing contactors and motor starters.

<For SC-M contactor>

1. SC-M_ x 2
2. SZ-MRWC x 1
3. SZ-MRM x 1

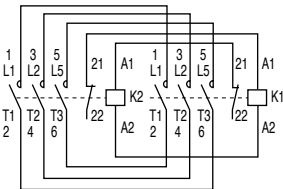
<For SC-E contactor>

1. SC-E_ x 2
2. SZ-ERW_/A x 1
3. SZ-ERW_/B x 1
4. SZ-RM x 1
5. SZ-_A/T x 2

<For SC-E motor starters>

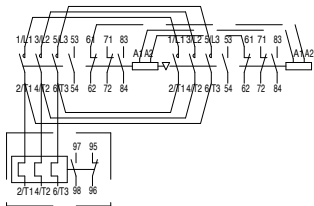
1. SC-E_ x 2
2. TK-E_ X1
3. SZ-ERW_/A x 1
4. SZ-ERW_/D x 1
5. SZ-RM x 1
6. SZ-_A/T x 2

Example of connecting, SC-M reversing contactor

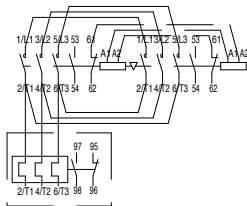


Example of connecting, SC-E reversing motor starter

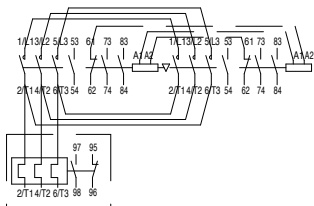
AUX.4P (2NO+1NC) x~2



AUX.2P (1NO) x~2



AUX.4P (3NO) x~2



AUX.2P (1NC) x~2

