

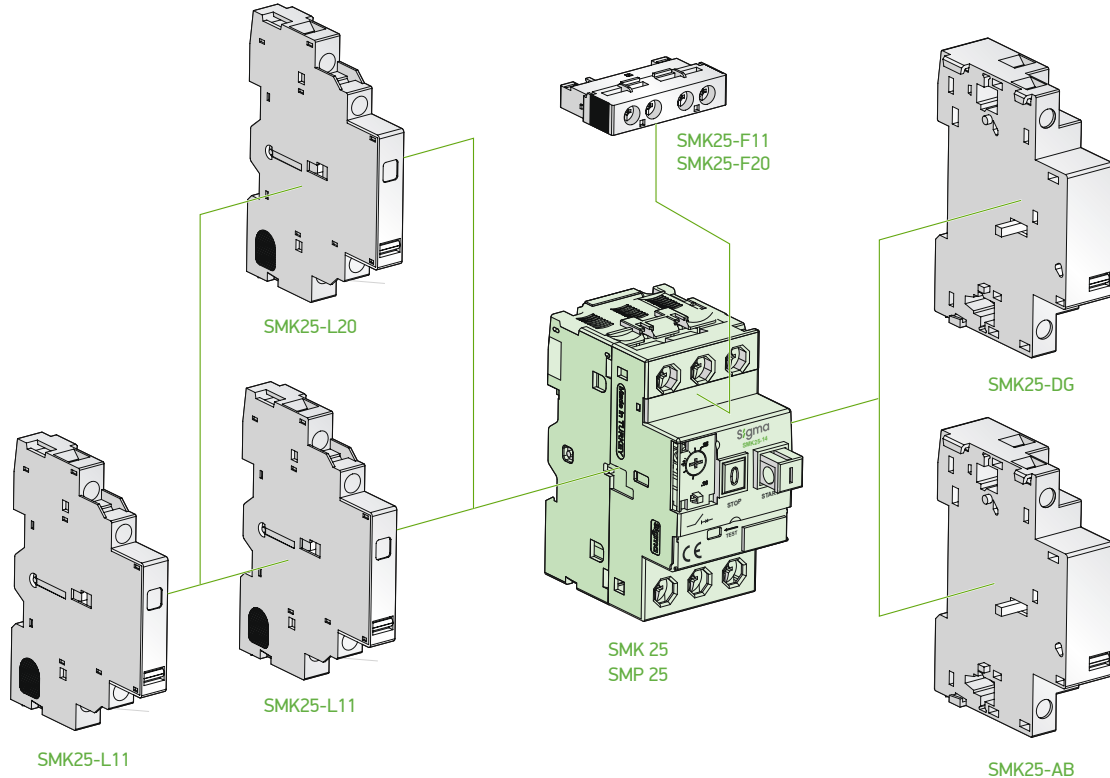
Technical Specifications

		SMK-25	SMK-80	SMP-25
Number of poles		3	3	3
Rated insulation voltage	Ui (V)	690	690	690
Rated impuls withstand voltage	Uimp (kV)	6	6	6
Electrical life (No. operation)	Op.	100.000	80.000	100.000
Mechanical life (No. operation)	Op.	100.000	100.000	100.000
Compatibility		AC-3	AC-3	AC-3
Rated operating voltage	Ue (V)	690	690	690
Rated operating frequency	Hz	50/60	50/60	50/60
Utilization category		A	A	A
Contamination degree		3	3	3
Vibration strength		5 g (from 5 to 150 Hz)		
Maximum ambient operating temperature	°C	From -20 to +60°C (from -4 to +140°F)		
Maximum ambient storage temperature	°C	From -40 to +80°C (from -40 to +176°F)		
Relative Humidity	%	90	90	90
Flame resistance	°C	960°C (1760°F)		
Tightening torque	Nm	1,2	2	1,2
Auxiliary contact		Yes	Yes	Yes
Under voltage release		Yes	Yes	Yes
Remote tripping coil		Yes	Yes	Yes
Container		Yes	Yes	Yes
Contactor combination block		Yes	Yes	Yes
Standards		TS EN 60947-4-1, 60947-2		

Motor Protection Switch Selection Table

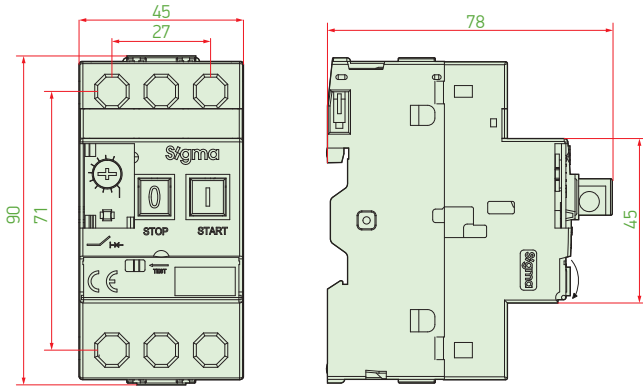
	Rated Current Range (A)	Rated Power at 400V AC3 (kW)	Rated Short Circuit Breaking Capacity at 400V Icu (kA)
SMK25/SMP25 - 0.16	0,11-0,16	0,02	100
SMK25/SMP25 - 0.25	0,16-0,25	0,06	100
SMK25/SMP25 - 0.40	0,25-0,40	0,09	100
SMK25/SMP25 - 0.63	0,40-0,63	0,12	100
SMK25/SMP25 - 1	0,63-1	0,25	100
SMK25/SMP25 - 1.6	1-1,6	0,37	100
SMK25/SMP25 - 2.5	1,6-2,5	0,75	100
SMK25/SMP25 - 4	2,5-4	1,5	100
SMK25/SMP25 - 6.3	4-6,3	2,2	100
SMK25/SMP25 - 10	6-10	4	100
SMK25/SMP25 - 14	9-14	5,5	15
SMK25/SMP25 - 18	13-18	7,5	15
SMK25/SMP25 - 23	17-23	9	15
SMK25/SMP25 - 25	20-25	11	15
SMK25/SMP25 - 32	24-32	15	10
SMK80-40	25-40	18,5	15
SMK80-50	36-50	22	15
SMK80-63	40-63	30	15
SMK80-80	56-80	40	15

Accessory Selection

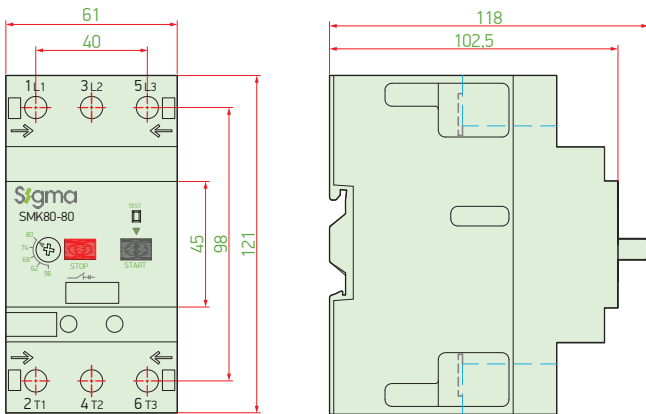


Dimensions

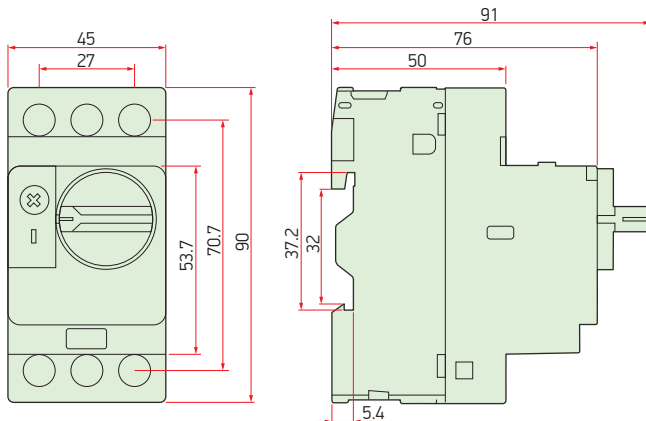
SMK-25



SMK-80

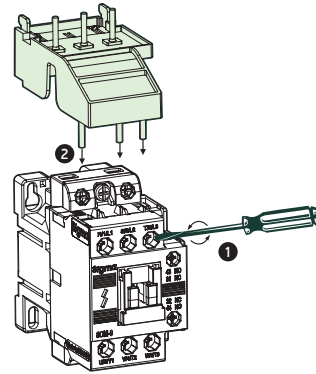


SMP-25

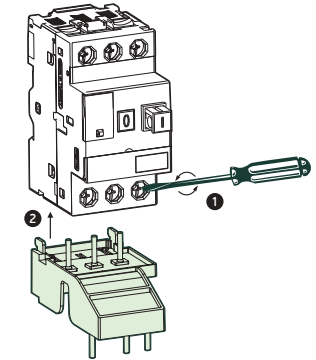


Mounting

SMK25-A - Mounting

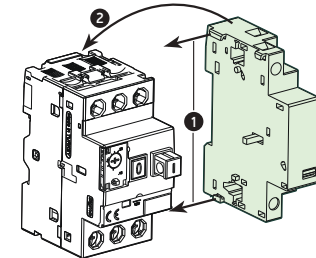


1. Loosen the main contactor contact's screws
2. Mount the joint adapter to the contactor



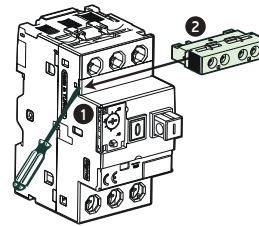
1. Loosen motor protection switch main contact's screws
2. Install and mount SMK25-A's accessory combiner tab into the motor protection switch's housing, as indicated by the arrow

SMK25-DG, SMK25-AB - Mounting



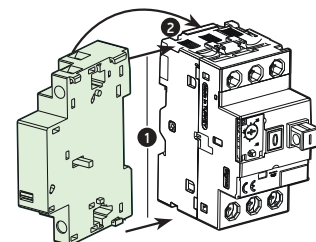
1. Install the both SMK 25-DG and SMK25-AB auxiliary contacts tabs in the slot on the product right side as indicated by the arrow
2. Slide the blue locking tab into the slot and lock it, which is under the auxiliary contacts.

SMK25-F11, SMK25-F20 - Mounting



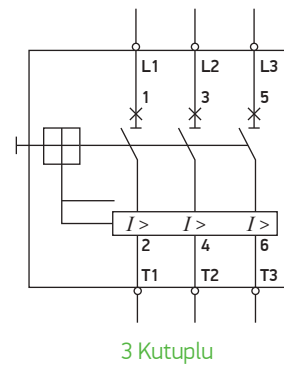
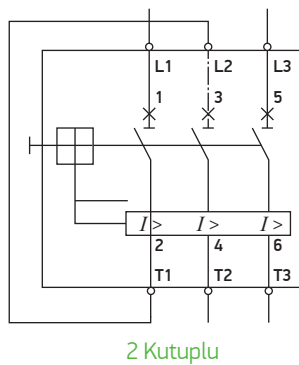
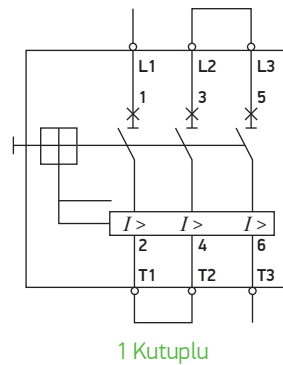
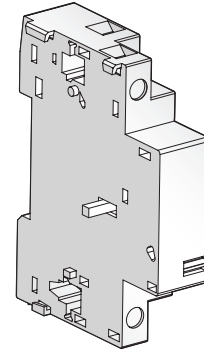
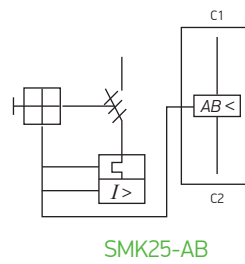
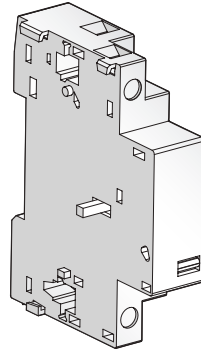
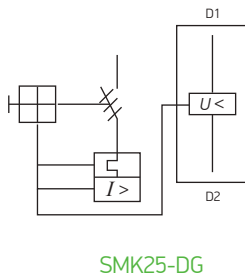
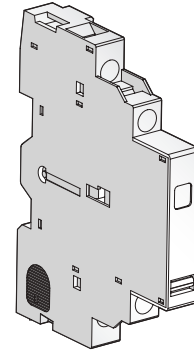
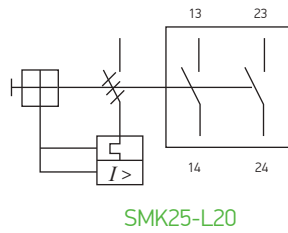
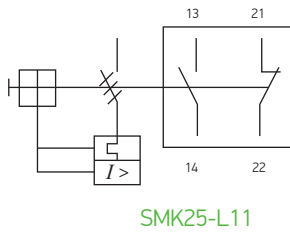
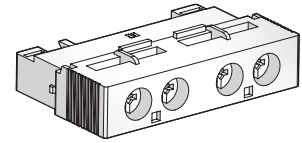
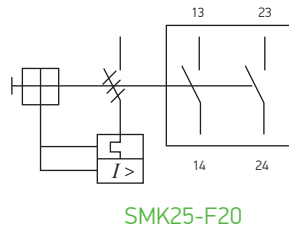
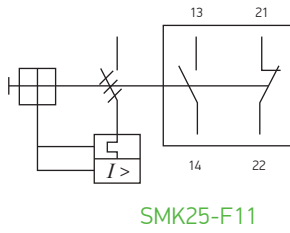
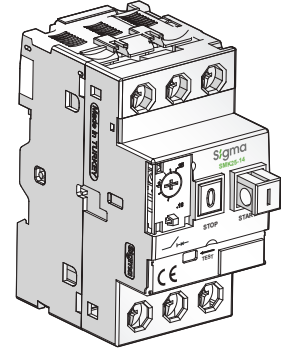
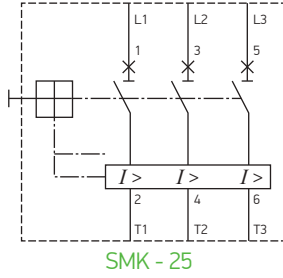
1. Gently push the locking tab and remove the accessory cover by pulling it upwards. As indicated by the arrow
2. Insert the auxiliary contact into its housing and push it into its space.

SMK25-L11, SMK25-L20 - Mounting

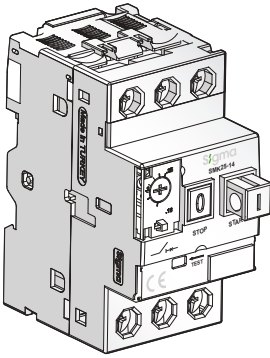


1. At the first step: insert the securing tab into the slot on the left side of the SMK25-L11 and SMK25-L20 as indicated by the arrow.
2. Insert the blue locking tab into its housing and lock it

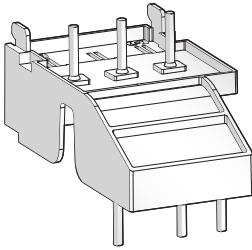
Connection Diagrams



SMK-25 and (SCG9..SCG40) Combination

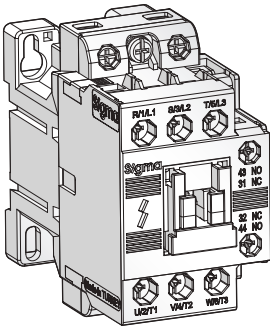


SMK 25

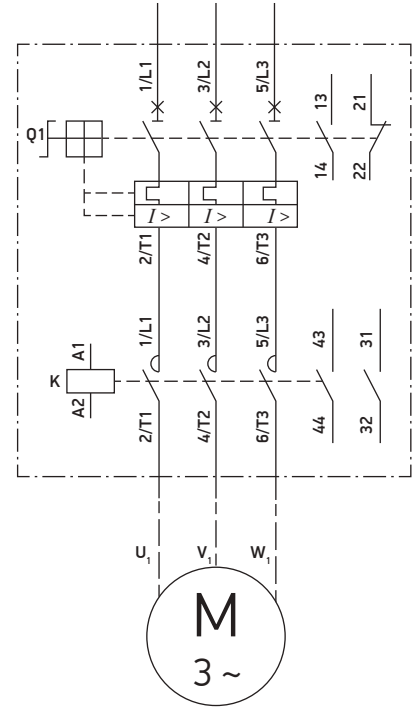


SMK 25-A

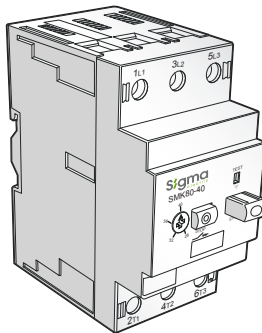
Contactor combination block



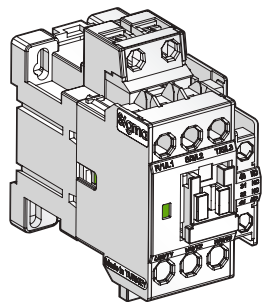
SCG9 ... SCG40



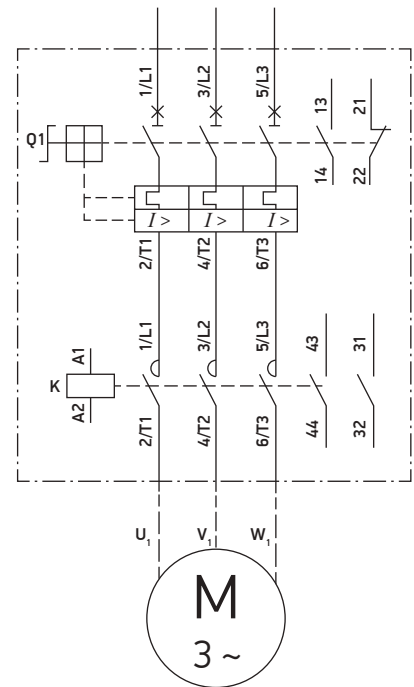
Power Circuits



SMK 80

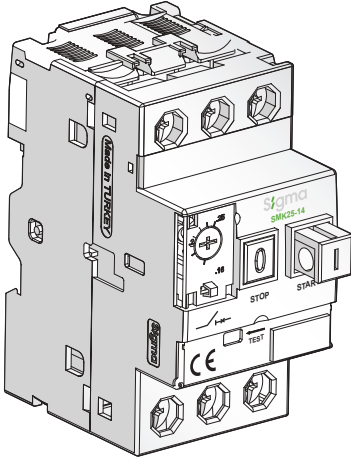


SCG50 ... SCG95

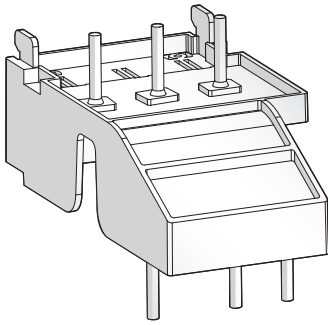


Power Circuits

SMK-25 and Inverter System Combination

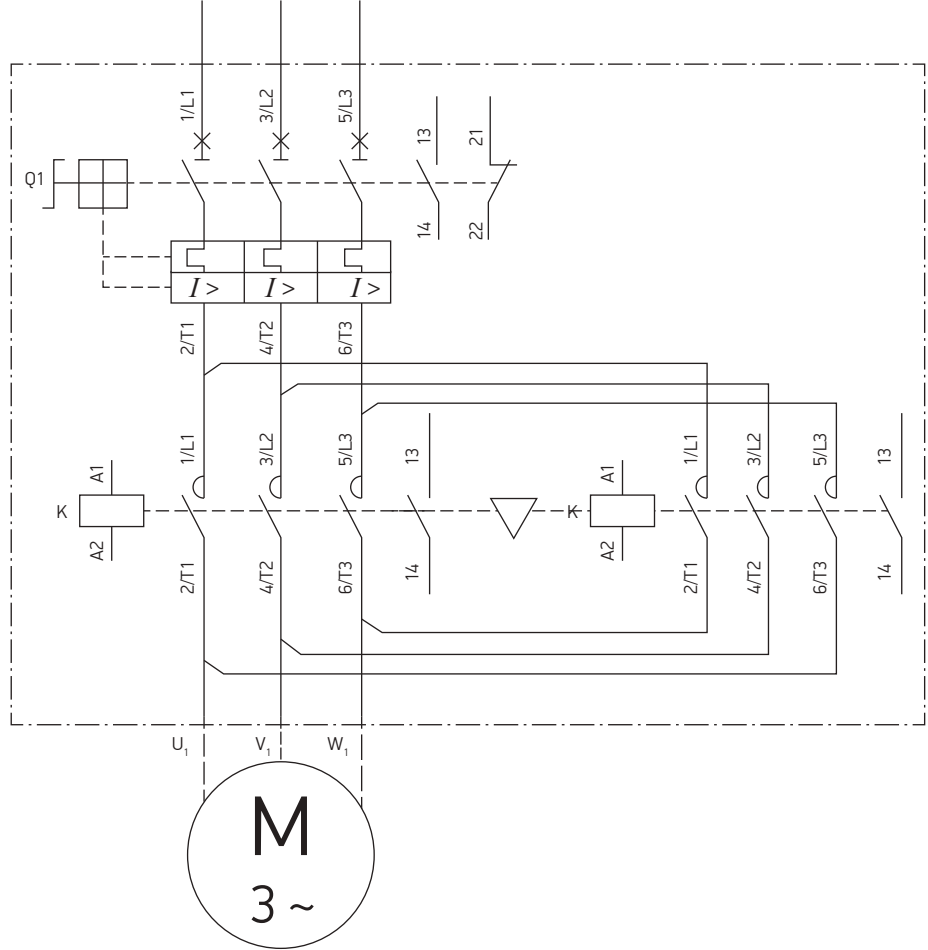


SMK 25

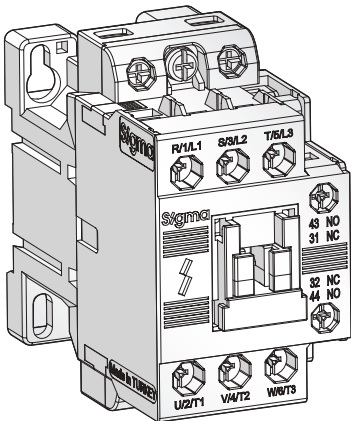


SMK 25-A

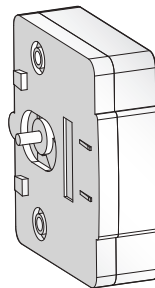
Contactor combination block



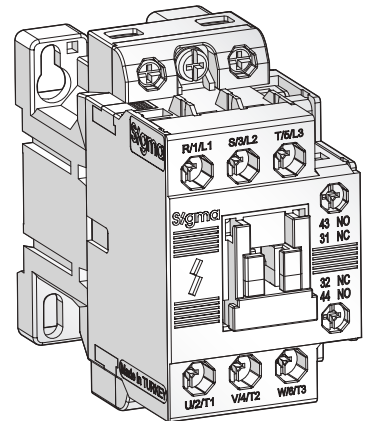
Power circuits



SCG9 ... SCG40



Mechanical interlock



SCG9 ... SCG40