

Sigma
elektrik





POWER CONTACTORS

Contactors are switching products that work according to the electromagnetic field principle that controls the opening and closing of the electrical circuit.

They allow remote control of electrical facilities such as electric motors, compensation and heating systems via cable. When used with thermal relays, they protect facilities and devices in the system against overload currents.

- 3 and 4 pole product options
- Wide range from 6A to 1300A
- Wide coil options (24, 42, 48, 110, 230, 400, 415AC/DC)
- Wide product range, including power, modular (silent), 6-pole and 8-pole reversing contactor, compensation and mini type contactors
- Possibility of attaching accessories from the top, left side and right side
- Double-sided coil terminal inputs (for SCG types)

Technical Specifications - 3 Poles Power Contactor with Double Coil Connection - Coil Voltage: 230V AC

	3 poles	AC coil	SCG 9	SCG 12	SCG 18	SCG 25	SCG 32	SCG 40	SCG 50	SCG 65	SCG 80	SCG 95	SCG 100
TypeRated operational current for AC-3 (Ue : 400V)		A	9	12	18	25	32	40	50	65	80	95	100
Rated thermal current (at 40°C)	I _{th}	A	20	25	40	40	50	60	80	100	110	135	135
Rated operational current for AC-1 (Ue: 400V) (≤ 40°C)		A	20	25	40	40	50	60	80	100	110	135	135
Rated insulation voltage	U _i	V	1000										
Rated impulse voltage	U _{imp}	kV	8										
Max. Rating of slipping or squirrel-cage motors	AC-3 kW	500V	4	7.5	7.5	15	18.5	22	30	37	45	45	55
		380-440V	4	5.5	7.5	11	15	18.5	22	30	37	45	55
		220-240V	2.5	3.5	4.5	5.5	7.5	11	15	18.5	22	25	30
Switching discharge lamps (mercury vapour lamps)	AC-5a	A	14	16	25	32	40	55	80	85	105	120	125
	AC-6a	A	2	4	5	8	10	13	16	20	25	29	32
Electrical life (No. operation) (x1000) (I _n)	cycle		2.000					1.500			1.000		500
Mechanical life (No. operation) (x1000)	cycle		20.000						15.000				10.000
Auxiliary contact technical specifications													
Number of auxiliary contacts (standard)			1NO+1NC										
Number of auxiliary contact options			1NO+1NC, 2NO+2NC, 4NO, 4NC, 3NO+1NC, 1NO+3NC										
Control unit specifications													
Coil type			SGB 1						SGB 2				
Supply voltages			V AC 24, 42, 48, 110, 230, 400, 415										
Max. Operating temperature			°C -25 ... +55										
Max. Storage temperature			°C -40 ... +65										
Relative humidity			% 95										

	3 poles	AC coil	SCG 115	SCG 150	SCG 185	SCG 225	SCG 265	SCG 330	SCG 400	SCG 500	SCG 630	SCG 800	SCG 1050	SCG 1300	
Rated operational current for AC-3 (Ue : 400V)	A		115	150	185	225	265	330	400	500	630	800	1050	1300	
Rated thermal current (at 40°C)	Ith	A	200	200	275	315	350	400	500	700	1000	1200	1300	1500	
Rated operational current for AC-1 (Ue: 400V) (≤40°C)	A		200	200	275	315	350	400	500	700	1000	1200	1300	1500	
Rated insulation voltage	Ui	V	1000										1000		
Rated impulse voltage	Uimp	kV	8										12		
Max. Rating of slipping or squirrel-cage motors	AC-3 kW	400V	60	75	90	110	132	160	200	250	335	400	630	780	
		230V	30	40	55	63	75	100	110	147	200	250			
Switching discharge lamps (mercury vapour lamps)	AC-5a	A	140	180	220	260	300	350	470	560	730	880	960	1150	
AC-6a	A		35	45	55	67	85	110	120	130	150	200	260	300	
Electrical life (No. operation) (x1000) (In)	cycle		500					300							
Mechanical life (No. operation) (x1000)	cycle		10.000		5.000			3.000							
Auxiliary contact technical specifications															
Number of auxiliary contacts (standard)			2NO+2NC												
Number of auxiliary contact options			2NO+2NC									4NO+4NC			
Rated thermal current	Ith	A	16												
Control for non-inductive loads	AC-1	220V AC	16												
Control for ohmic and static loads	AC-12	220V AC	8												
Max. Operating temperature	°C		-25 ... +55												
Max. Storage temperature	°C		-40 ... +65												
Relative humidity	%		95												

Note: Request information for DC coil voltage.

3 Poles Power Contactors-Coil Voltage: 100-240V AC / 100-220V DC (Common Coil)

3 poles			SCM 100	SCM 125	SCM 150	SCM 180
Rated operational current for AC-3 (Ue: 400V) A			100	125	150	180
Rated thermal current (at 40°C) lth A			160	160	200	230
Rated operational current for AC-1 (Ue: 400V) (≤ 40°C) A			160	160	200	230
Rated insulation voltage Ui V			1.000			
Rated impulse voltage Uimp kV			8			
Max. Rating of slipring or squirrel-cage motors	400V	AC-3 kW	55	60	75	90
	230V		30	37	45	55
Switching discharge lamps (mercury vapour lamps)	AC-5a	A	70	90	100	150
Electrical life (No. operation) (x1000) (In) cycle			500			
Mechanical life (No. operation) (x1000) cycle			10.000			5.000
Auxiliary contact technical specifications						
Number of auxiliary contacts (standard)			2NO+2NC			
Rated thermal current lth A			16			
Control for non-inductive loads AC-1 220V AC			16			
Control for ohmic and static loads AC-12 220V AC			8			
Max. Operating temperature °C			-25 ... +55			
Max. Storage temperature °C			-40 ... +65			
Relative humidity %			95			

3 Poles Power Contactors - Coil Voltage: 24V DC

	3 poles	DC coil	SDM-9	SDM-12	SDM-18	SDM-22	SDM-32	SDM-40	
Rated operational current for AC-3 (Ue : 400V)		A	9	12	18	22	32	40	
Rated thermal current (at 40°C)	Ith	A	20	25	40	40	50	60	
Rated operational current for AC-1 (Ue: 400V) (≤ 40°C)		A	20	25	40	40	50	60	
Rated insulation voltage	Ui	V	1.000						
Rated impulse voltage	Uimp	kV	8						
Max. Rating of slipring or squirrel-cage motors	AC-3 kW	400V	4	5.5	7.5	11	15	18.5	
		230V	2.5	3.5	4.5	5.5	7.5	11	
Switching discharge lamps (mercury vapour lamps)	AC-5a	A	14	16	25	30	40	45	
Electrical life (No. operation) (x1000) (I _n)	cycle		2.000						1.500
Mechanical life (No. operation) (x1000)	cycle		20.000						
Auxiliary contact technical specifications									
Number of auxiliary contacts (standard)			1NO+1NC						
Number of auxiliary contact options			1NO+1NC, 2NO+2NC, 4NO, 4NC, 3NO+1NC, 1NO+3NC						
Rated thermal current	Ith	A	16						
Control for non-inductive loads	AC-1	220V AC	16						
Control for ohmic and static loads	AC-12	220V AC	8						
Max. Operating temperature		°C	-25 ... +55						
Max. Storage temperature		°C	-40 ... +65						
Relative humidity		%	95						

4 Poles Power Contactors - Coil Voltage: 230V AC

	4 poles	AC coil	SCF-9	SCF-12	SCF-18	SCF-22	SCF-32	SCF-40	SCF-50	SCF-65	SCF-75	SCF-85
Rated operational current for AC-3 (U _e : 400V)	A		9	12	18	22	32	40	50	65	75	85
Rated thermal current (at 40°C)	I _{th}	A	20	25	40	40	50	60	80	100	110	110
Rated operational current for AC-1 (U _e : 400V) (≤ 40°C)	A		20	25	40	40	50	60	80	100	110	110
Rated insulation voltage	U _i	V	1.000						1.000			
Rated impulse voltage	U _{imp}	kV	8						8			
Max. Rating of slipping or squirrel-cage motors	AC-3 kW	400V	4	5.5	7.5	11	15	18.5	22	30	37	45
		230V	2.5	3.5	4.5	5.5	7.5	11	15	18.5	22	25
Switching discharge lamps (mercury vapour lamps)	AC-5a	A	14	16	25	30	40	45	80	85	105	120
Electrical life (No. operation) (x1000) (I _n)	cycle		2.000					1.500	1.500		1.000	
Mechanical life (No. operation) (x1000)	cycle		20.000						15.000			
Auxiliary contact technical specifications												
Number of auxiliary contacts (standard)			1NO+1NC									
Number of auxiliary contact options			1NO+1NC, 2NO+2NC, 4NO, 4NC, 3NO+1NC, 1NO+3NC									
Rated thermal current	I _{th}	A	16									
Control for non-inductive loads	AC-1	220V AC	16									
Control for ohmic and static loads	AC-12	220V AC	8									
Max. Operating temperature		°C	-25 ... +55									
Max. Storage temperature		°C	-40 ... +65									
Relative humidity		%	95									

	4 poles	AC coil	SCF-115	SCF-150	SCF-185	SCF-225	SCF-265	SCF-330	SCF-400	SCF-500	SCF-630	SCF-800	SCF-1050	SCF-1300	
Rated operational current for AC-3 (Ue : 400V)	A		115	150	185	225	265	330	400	500	630	800	1050	1300	
Rated thermal current (at 40°C)	Ith	A	200	200	275	315	350	400	500	700	1000	1200	1300	1500	
Rated operational current for AC-1 (Ue: 400V) (≤40°C)	A		200	200	275	315	350	400	500	700	1000	1200	1300	1500	
Rated insulation voltage	Ui	V	1000										1000		
Rated impulse voltage	Uimp	kV	8										12		
Max. Rating of slipping or squirrel-cage motors	AC-3 kW	400V	60	75	90	110	132	160	200	250	335	400	630	780	
		230V	30	40	55	63	75	100	110	147	200	250			
Switching discharge lamps (mercury vapour lamps)	AC-5a	A	140	180	220	260	300	350	470	560	730	880	960	1150	
AC-6a	A		35	45	55	67	85	110	120	130	150	200	260	300	
Electrical life (No. operation) (x1000) (In)	cycle		500					300							
Mechanical life (No. operation) (x1000)	cycle		10.000		5.000			3.000							
Auxiliary contact technical specifications															
Number of auxiliary contacts (standard)			2NO+2NC												
Number of auxiliary contact options			2NO+2NC									4NO+4NC			
Rated thermal current	Ith	A	16												
Control for non-inductive loads	AC-1	220V AC	16												
Control for ohmic and static loads	AC-12	220V AC	8												
Max. Operating temperature		°C	-25 ... +55												
Max. Storage temperature		°C	-40 ... +65												
Relative humidity		%	95												

Note: Request information for DC coil voltage.

3 Poles Power Contactor with Double Coil Connection - Coil Voltage: 230V AC



Type Code	Rated Power at 400V (kW)	Rated Current AC-3 (A)	Rated Current AC-1 (A)	Rated Current AC-5a (A)	Auxiliary Contact on Body	Double Coil Input	Pcs in a Box	Order Code
SCG-9	4	9	25	14	1NO+1NC	✓	42	SCG009230
SCG-12	5,5	12	25	16	1NO+1NC	✓	42	SCG012230
SCG-18	7,5	18	40	25	1NO+1NC	✓	42	SCG018230
SCG-25	11	25	40	32	1NO+1NC	✓	42	SCG025230
SCG-32	15	32	50	40	1NO+1NC	✓	24	SCG032230
SCG-40	18,5	40	60	55	1NO+1NC	✓	24	SCG040230
SCG-50	22	50	80	80	1NO+1NC	✓	10	SCG050230
SCG-65	30	65	100	85	1NO+1NC	✓	10	SCG065230
SCG-80	37	80	110	105	1NO+1NC	✓	10	SCG080230
SCG-95	45	95	135	120	1NO+1NC	✓	10	SCG095230
SCG-100	55	100	160	125	1NO+1NC	✓	10	SCG100230



SCG 115	60	115	200	140	2NO+2NC	—	10	SCG115230
SCG 150	75	150	200	180	2NO+2NC	—	3	SCG150230
SCG 185	90	185	275	220	2NO+2NC	—	1	SCG185230
SCG 225	110	225	315	260	2NO+2NC	—	1	SCG225230
SCG 265	132	265	350	300	2NO+2NC	—	1	SCG265230
SCG 330	160	330	400	350	2NO+2NC	—	1	SCG330230
SCG 400	200	400	500	470	2NO+2NC	—	1	SCG400230
SCG 500	250	500	700	560	2NO+2NC	—	1	SCG500230
SCG 630	335	630	1000	730	2NO+2NC	—	1	SCG630230
SCG 800	400	800	1200	880	2NO+2NC	—	1	SCG800230
SCG 1050	630	1050	1300	960	2NO+2NC	—	1	SCG1050230
SCG 1300	780	1300	1500	1150	2NO+2NC	—	1	SCG1300230

New Product

New Product

Note: The last 3 digits of the order code indicate the coil voltage.

Note: In SCG type contactors; Coil options with **24V AC, 42V AC, 48V AC, 110V AC, 230V AC, 400V AC, 415V AC** operating voltage are available.

EXAMPLE: SCG 009 230 : 9A (AC-3) 230V AC coil voltage, SCG type contactor

Coil voltage
AC-3 current

EXAMPLE: SCG 009 048 : 9A (AC-3) 48V AC coil voltage, SCG type contactor

Coil voltage
AC-3 current

THE USAGE CATEGORY OF CONTACTORS

AC-1	AC-3	AC-5a	AC-6b
<p>Ohmic Loads (Large Heaters)</p>		<p>Discharge Lamp</p>	<p>Compensation Systems</p>

SCM Series, 3 Poles Power Contactors – Coil Voltage: 230V AC



Type Code	Rated Power at 400V (kW)	Rated Current AC-3 (A)	Rated Current AC-1 (A)	Auxiliary Contact on Body	Min. Order Quantity	Pcs in a Box	Order Code
SCM 9	4	9	20	1NO+1NC	1	42	SCM009230
SCM 12	5,5	12	25	1NO+1NC	1	42	SCM012230
SCM 18	7,5	18	32	1NO+1NC	1	42	SCM018230
SCM 25	11	25	40	1NO+1NC	1	42	SCM025230
SCM 32	15	32	50	1NO+1NC	1	42	SCM032230
SCM 40	18,5	40	50	1NO+1NC	1	42	SCM040230

Mechanical interlock for SCM Series



Type Code	Compatible with	Order Code
SCMMK	SCM09-SCM25	SCMMK-01

Time Relay for SCM Series



Type Code	Properties	Auxiliary Contact	Compatible with	Order Code
SCMT-1S11	0-30 sec. delayed on pickup	1NO+1NC	SCM09-SCM25	SCMT-1S11

Auxiliary Contact Blocks for SCM Series



Type Code	Auxiliary Contact	Type of Assembly	Compatible with	Order Code
SAM-2	1NO+1NC	top	SCM09-SCM40	SAM-2S11
	2NO	top		SAM-2S20
SAM-4	2NO+2NC	top	SCM09-SCM40	SAM-4S22
	4NO	top		SAM-4S40
	4NC	top		SAM-4S04

3 Poles Power Contactors - Coil Voltage: 100-240 V AC/DC (Common Coil)



Type Code	Rated Power at 400V (kW)	Rated Current AC-3 (A)	Rated Current AC-1 (A)	Auxiliary Contact on Body	Min. Order Quantity	Order Code
SGD 9	4	9	25	1NO+1NC	1	SGD009240ADC
SGD 12	5,5	12	25	1NO+1NC	1	SGD012240ADC
SGD 18	7,5	18	32	1NO+1NC	1	SGD018240ADC
SGD 25	11	25	40	1NO+1NC	1	SGD025240ADC
SGD 32	15	32	50	1NO+1NC	1	SGD032240ADC
SGD 40	18,5	40	50	1NO+1NC	1	SGD040240ADC
SGD 50	22	50	80	1NO+1NC	1	SGD050240ADC
SGD 65	30	65	100	1NO+1NC	1	SGD065240ADC
SGD 80	37	80	110	1NO+1NC	1	SGD080240ADC
SGD 95	45	95	135	1NO+1NC	1	SGD095240ADC
SGD 110	50	110	160	1NO+1NC	1	SGD110240ADC

Note: Please contact us for 24-48 V AC/DC coils.

3 Poles Power Contactors - Coil Voltage: 100-240 V AC / 100-240 V DC (Common Coil)



Type Code	Rated Power at 400V (kW)	Rated Current AC-3 (A)	Rated Current AC-1 (A)	Auxiliary Contact on Body	Min. Order Quantity	Order Code
SGD 115	60	125	200	2NO+2NC	1	SGDD115ADC
SGD 150	75	150	210	2NO+2NC	1	SGDD150ADC
SGD 185	90	185	275	2NO+2NC	1	SGDD185ADC
SGD 225	110	225	315	2NO+2NC	1	SGDD225ADC
SGD 265	132	265	350	2NO+2NC	1	SGDD265ADC
SGD 330	160	330	400	2NO+2NC	1	SGDD330ADC
SGD 400	200	400	500	2NO+2NC	1	SGDD400ADC
SGD 500	250	500	700	2NO+2NC	1	SGDD500ADC
SGD 630	335	630	1000	2NO+2NC	1	SGDD630ADC
SGD 800	400	800	1200	2NO+2NC	1	SGDD800ADC

3 Poles Power Contactors - Coil Voltage: 24V DC



Type Code	Rated Power at 400V (kW)	Rated Current AC-3 (A)	Rated Current AC-1 (A)	Auxiliary Contact on Body	Min. Order Quantity	Pcs in a Box	Order Code
SDM-9	4	9	20	1NO+1NC	1	32	SDM009024
SDM-12	5,5	12	25	1NO+1NC	1	32	SDM012024
SDM-18	7,5	18	40	1NO+1NC	1	32	SDM018024
SDM-22	11	22	40	1NO+1NC	1	32	SDM022024
SDM-32	15	32	50	1NO+1NC	1	16	SDM032024
SDM-40	18,5	40	60	1NO+1NC	1	16	SDM040024

Note: The last 3 digits of the order code indicate the coil voltage.

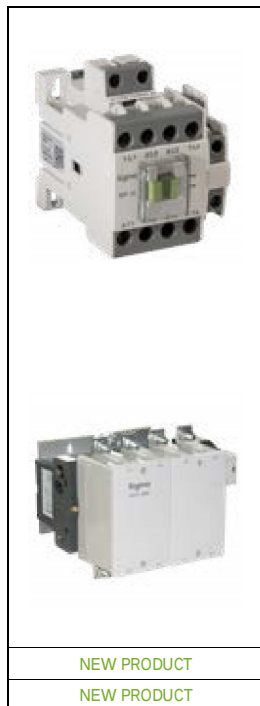
Note: In SDM9-SDM40 type contactors; Coil options with 24V DC, 48V DC, 60V DC, 110V DC operating voltage are available.

EXAMPLE: SDM 009 048

 Coil voltage
 AC-3 current

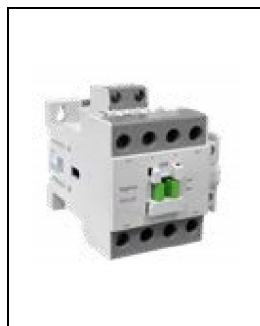
: 9A (AC-3) 48V DC coil voltage, SDM type contactor

4 Poles Power Contactors - Coil Voltage: 230V AC



Type Code	Rated Power at 400V (kW)	Rated Current AC-3 (A)	Rated Current AC-1 (A)	Auxiliary Contact on Body	Min. Order Quantity	Pcs in a Box	Order Code
SCF 9	4	9	20	1NO+1NC	1	33	SCF009230
SCF 12	5,5	12	25	1NO+1NC	1	33	SCF012230
SCF 18	7,5	18	40	1NO+1NC	1	33	SCF018230
SCF 22	11	22	40	1NO+1NC	1	33	SCF022230
SCF 32	15	32	50	1NO+1NC	1	24	SCF032230
SCF 40	18,5	40	60	1NO+1NC	1	24	SCF040230
SCF 50	22	50	80	1NO+1NC	1	8	SCF050230
SCF 65	30	65	100	1NO+1NC	1	8	SCF065230
SCF 75	37	75	110	1NO+1NC	1	8	SCF075230
SCF 85	45	85	110	1NO+1NC	1	8	SCF085230
SCF 115	55	115	200	2NO+2NC	1	1	SCF115230
SCF 150	75	150	200	2NO+2NC	1	1	SCF150230
SCF 185	90	180	275	2NO+2NC	1	1	SCF185230
SCF 225	110	225	315	2NO+2NC	1	1	SCF225230
SCF 265	132	265	350	2NO+2NC	1	1	SCF265230
SCF 330	160	330	400	2NO+2NC	1	2	SCF330230
SCF 400	200	400	500	2NO+2NC	1	2	SCF400230
SCF 500	250	500	700	2NO+2NC	1	2	SCF500230
SCF 630	335	630	1000	2NO+2NC	1	2	SCF630230
SCF 800	400	800	1200	2NO+2NC	1	2	SCF800230
SCF 1050	630	1050	1300	2NO+2NC	1	2	SCF1050230
SCF 1300	780	1300	1550	2NO+2NC	1	2	SCF1300230

4 Poles Power Contactors - Coil Voltage: 230V AC



Type Code	Rated Power (kW) (at 400 V)	Rated Current AC-3 (A)	Rated Current AC-1 (A)	Auxiliary Contact	Min. Order Quantity	Pcs in a Box	Order Code
SCH 9	4	9	25	2NO+2NC	1	33	SCH009230
SCH 12	5,5	12	25	2NO+2NC	1	33	SCH012230
SCH 18	7,5	18	40	2NO+2NC	1	33	SCH018230
SCH 25	11	25	40	2NO+2NC	1	33	SCH022230
SCH 32	15	32	50	2NO+2NC	1	24	SCH032230
SCH 40	18,5	40	60	2NO+2NC	1	24	SCH040230
SCH 50	22	50	80	2NO+2NC	1	6	SCH050230
SCH 65	30	65	100	2NO+2NC	1	10	SCH065230
SCH 80	37	75	110	2NO+2NC	1	10	SCH075230
SCH 95	45	85	135	2NO+2NC	1	6	SCH085230

4 Poles Power Contactors - Coil Voltage: 24V DC



Type Code	Rated Power (kW) (at 400 V)	Rated Current AC-3 (A)	Rated Current AC-1 (A)	Auxiliary Contact	Min. Order Quantity	Pcs in a Box	Order Code
SDF 9	4	9	25	—	1	32	SDF009024
SDF 12	5,5	12	25	—	1	32	SDF012024
SDF 18	7,5	18	40	—	1	32	SDF018024
SDF 22	11	22	40	—	1	32	SDF025024
SDF 32	15	32	50	—	1	16	SDF032024
SDF 40	18,5	40	60	—	1	16	SDF040024
SDF 50	22	50	70	—	1	8	SDF050024
SDF 65	30	65	80	—	1	8	SDF065024
SDF 80	37	80	125	—	1	8	SDF080024
SDF 95	45	95	140	—	1	8	SDF095024

Note: For 4 Poles power contactors please contact for different coil voltage.

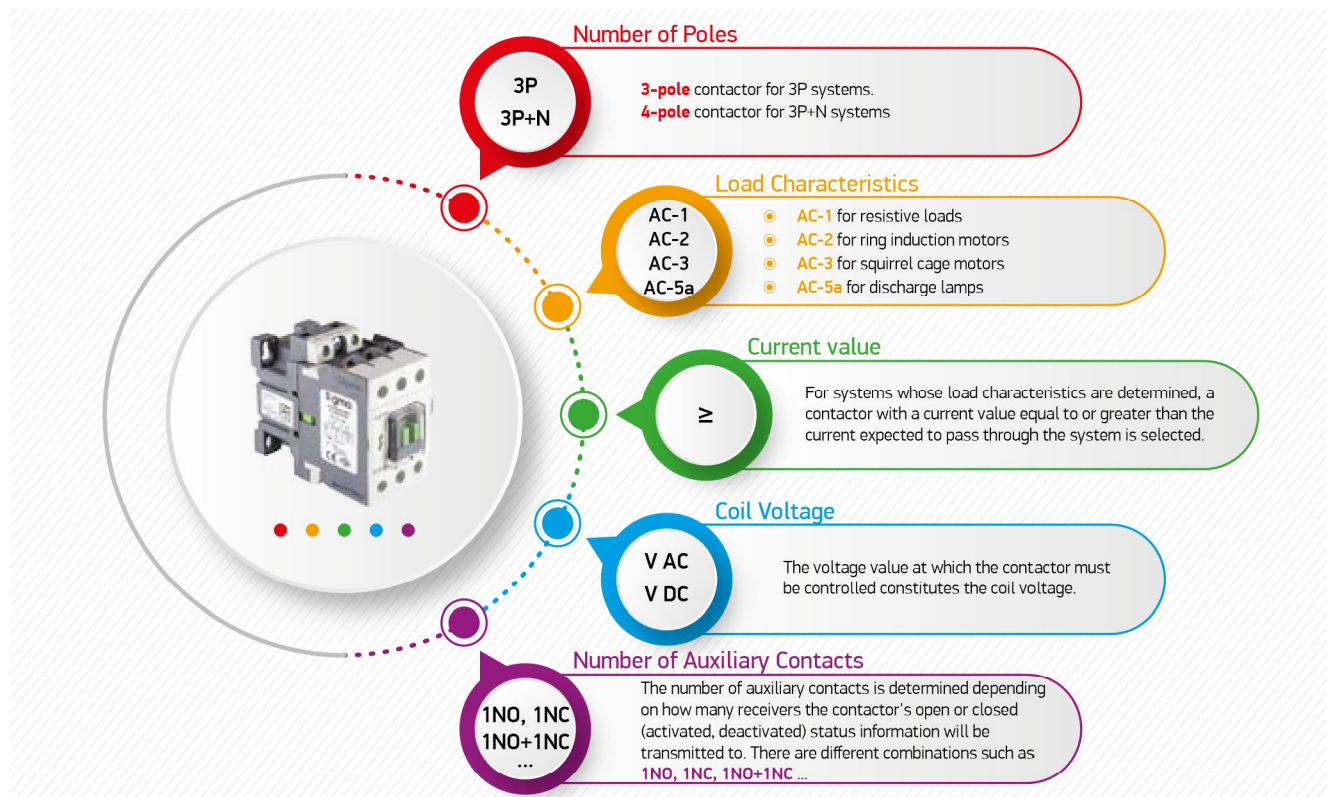
4 Poles Power Contactors - Coil Voltage: 100-240V AC DC (Common Coil)

Type Code	Rated Power at 400V (kW)	Rated Current AC-3 (A)	Rated Current AC-1 (A)	Auxiliary Contact on Body	Order Code
SFD9	4	9	25	1NO+1NC	SFD009240ADC
SFD12	5,5	12	25	1NO+1NC	SFD012240ADC
SFD18	7,5	18	32	1NO+1NC	SFD018240ADC
SFD25	11	25	40	1NO+1NC	SFD025240ADC
SFD32	15	32	50	1NO+1NC	SFD032240ADC
SFD40	18,5	40	50	1NO+1NC	SFD040240ADC
SFD50	22	50	80	1NO+1NC	SFD050240ADC
SFD65	30	65	100	1NO+1NC	SFD065240ADC
SFD80	37	80	110	1NO+1NC	SFD080240ADC
SFD95	45	95	135	1NO+1NC	SFD095240ADC

Note: 24-48 V AC/DC bobinler için irtibata geçiniz.

4 Poles Power Contactors - Coil Voltage: 100-240V AC / 100-220V DC (Common Coil)

Type Code	Rated Power at 400V (kW)	Rated Current AC-3 (A)	Rated Current AC-1 (A)	Auxiliary Contact on Body	Order Code
SFD115	60	115	200	2NO+2NC	SFDD115ADC
SFD150	75	150	210	2NO+2NC	SFDD150ADC
SFD185	90	185	275	2NO+2NC	SFDD185ADC
SFD225	110	225	315	2NO+2NC	SFDD225ADC
SFD265	132	265	350	2NO+2NC	SFDD265ADC
SFD330	160	330	400	2NO+2NC	SFDD330ADC
SFD400	200	400	500	2NO+2NC	SFDD400ADC
SFD500	250	500	700	2NO+2NC	SFDD500ADC
SFD630	335	630	1000	2NO+2NC	SFDD630ADC
SFD800	400	800	1200	2NO+2NC	SFDD800ADC



3 Poles Reversing Contactors - Coil Voltage: 230V AC



Type Code	Rated Power at 400V (kW)	Rated Current AC-3 (A)	Rated Current AC-1 (A)	Min. Order Quantity	Pcs in a Box	Order Code
SCR-9	4	9	25	1	10	SCR009230
SCR-12	5,5	12	25	1	10	SCR012230
SCR-18	7,5	18	40	1	10	SCR018230
SCR-25	11	25	40	1	10	SCR022230
SCR-32	15	32	50	1	10	SCR032230
SCR-40	18,5	40	60	1	10	SCR040230
SCR-50	22	50	80	1	4	SCR050230
SCR-65	30	65	100	1	4	SCR065230
SCR-80	37	80	110	1	4	SCR075230
SCR-95	45	95	135	1	4	SCR085230
SCR-100	55	100	160	1	1	SCR100230

4 Poles Reversing Contactors - Coil Voltage: 230V AC



Type Code	Rated Power at 400V (kW)	Rated Current AC-3 (A)	Rated Current AC-1 (A)	Min. Order Quantity	Pcs in a Box	Order Code
SCT-9	4	9	25	1	10	SCT009230
SCT-12	5,5	12	25	1	10	SCT012230
SCT-18	7,5	18	40	1	10	SCT018230
SCT-22	11	22	40	1	10	SCT022230
SCT-32	15	32	50	1	10	SCT032230
SCT-40	18,5	40	60	1	10	SCT040230
SCT-50	22	50	80	1	4	SCT050230
SCT-65	30	65	100	1	4	SCT065230
SCT-75	37	75	110	1	4	SCT075230
SCT-85	45	85	135	1	4	SCT085230

Mechanical Interlock



Type Code	Applicable Contactors	Order Code
SCGMK	SCG115 - SCG150 / SCF115 - SCF150	SCGMK-001
	SCG185 - SCG225 / SCF185 - SCF225	SCGMK-002
	SCG265 - SCG330 - SCG400 - SCG500 / SCF265 - SCF330 - SCF400 - SCF500	SCGMK-003
	SCG630 - SCG800 / SCF630 - SCF800	SCGMK-004

Auxiliary Contact Blocks



Type Code	Compatible with	Auxiliary Contact on Body	Type of Assembly	Order Code
SAC-1	SCG-9 ... SCG-100	1NO+1NC	left Side	SAC-1G11
SAC-100	SCM 100 ... SCM 250	1NO+1NC	left Side	SAC-1B11
SAC-2	SCG 9 ... SCG 100 / SCF 9 ... SCF 85	1NO+1NC	Top	SAC-2S11
	SCG 9 ... SCG 100 / SCF 9 ... SCF 85	2NO	Top	SAC-2S20
SAC-4	SCG 9 ... SCG 100 / SCF 9 ... SCF 85	2NO+2NC	Top	SAC-4S22
	SCG 9 ... SCG 100 / SCF 9 ... SCF 85	3NO+1NC	Top	SAC-4S31
	SCG 9 ... SCG 100 / SCF 9 ... SCF 85	1NO+3NC	Top	SAC-4S13
	SCG 9 ... SCG 100 / SCF 9 ... SCF 85	4NO	Top	SAC-4S40
	SCG 9 ... SCG 100 / SCF 9 ... SCF 85	4NC	Top	SAC-4S04
	SCG 9 ... SCG 100 / SCF 9 ... SCF 85	4NO	Top	SAC-4S04
SAC-5	SCG 115 ... SCG 800	2NO+2NC	Top	SAC-5S22

3 Poles Mini Contactors - Coil Voltage: 230V AC



Type Code	Rated Power at (kW)	Rated Current AC-3 (A)	Rated Current AC-1 (A)	Auxiliary Contact on Body	Min. Order Quantity	Pcs in a Box	Order Code
SCM-6M	2.2	6	20	1NO	1	80	SCM0610230
	2.2	6	20	1NC	1	80	SCM0601230
SCM-9M	4	9	20	1NO	1	80	SCM0910230
	4	9	20	1NC	1	80	SCM0901230
SCM-12M	5.5	12	20	1NO	1	80	SCM1210230
	5.5	12	20	1NC	1	80	SCM1201230
SCM-16M	7.5	16	20	1NO	1	80	SCM1610230
	7.5	16	20	1NC	1	80	SCM1601230

Note: The last 3 digits of the order code indicate the coil voltage.

Note: In SCM type mini contactors; Coil options with 24V AC, 42V AC, 48V AC, 110V AC, 230V AC operating voltage are available.

EXAMPLE: SCM **06** **10** **110** : 9A (AC-3) 110V AC coil voltage, 1NO Auxiliary Contact, SCM type mini contactor.

Coil voltage
1NO Auxiliary Contact
AC-3 current

3 Poles Mini Contactors - Coil Voltage: 24V DC



Type Code	Rated Power at (kW)	Rated Current AC-3 (A)	Rated Current AC-1 (A)	Auxiliary Contact on Body	Min. Order Quantity	Pcs in a Box	Order Code
SDM-6M	2.2	6	20	1NO	1	80	SDM0610024
	2.2	6	20	1NC	1	80	SDM0601024
SDM-9M	4	6	20	1NO	1	80	SDM0910024
	4	9	20	1NC	1	80	SDM0901024
SDM-12M	5.5	12	20	1NO	1	80	SDM1210024
	5.5	12	20	1NC	1	80	SDM1201024
SDM-16M	7.5	16	20	1NO	1	80	SDM1610024
	7.5	16	20	1NC	1	80	SDM1601024

Note: The last 3 digits of the order code indicate the coil voltage

Note: In SDM type mini contactors; Coil options with 24V DC, 48V DC, 110V DC operating voltage are available

EXAMPLE: SDM **06** **01** **110** : 9A (AC-3) 110V DC coil voltage, 1NC Auxiliary Contact, SDM type mini contactor.

Coil voltage
1NC Auxiliary Contact
AC-3 current

Auxiliary Contact Blocks for Mini Contactors



Type Code	Auxiliary Contact on Body	Type of Assembly	Order Code
SAC-4M	2NO+2NC	Top	SAC-4M22
	3NO+1NC	Top	SAC-4M31
	4NO	Top	SAC-4M40
	4NC	Top	SAC-4M04

Modular Contactors - 240V AC



Type Code	Rated Current (A)	Number of poles	Contact Structure	Coil Voltage	Order Code
SMC-2025	25	2	1NO+1NC	240V AC	SMC-2025-1NO+1NC
	25	2	2 NO	240V AC	SMC-2025-2NO
SMC-2063	63	2	2 NO	240V AC	SMC-2063-2NO
SMC-4025	25	4	2NO+2NC	240V AC	SMC-4025-2NO+2NC
	25	4	4 NO	240V AC	SMC-4025-4NO
SMC-4040	40	4	2NO+2NC	240V AC	SMC-4040-2NO+2NC
SMC-4063	63	4	2NO+2NC	240V AC	SMC-4063-2NO+2NC
	63	4	4 NO	240V AC	SMC-4063-4NO
SMC-4100	100	4	4 NO	240V AC	SMC-4100-4NO

Modular Contactors - 240V AC/DC Common Coil



Type Code	Rated Current (A)	Number of poles	Contact Structure	Coil Voltage	Order Code
SMC-2025	25	2	2 NO	240V AC/DC	SMC-2025-2NO/ACDC240
SMC-2063	63	2	2 NO	240V AC/DC	SMC-2063-2NO/ACDC240
SMC-4025	25	4	4 NO	240V AC/DC	SMC-4025-4NO/ACDC240
SMC-4063	63	4	4 NO	240V AC/DC	SMC-4063-4NO/ACDC240

Note: Please contact our sales department for modular contactors with different coil supply and contact structure.

Modular Contactors - 24V AC/DC Common Coil



Type Code	Rated Current (A)	Number of poles	Contact Structure	Coil Voltage	Order Code
SMC-2025	25	2	2 NO	24V AC/DC	SMC-2025-2NO/ACDC24
SMC-2063	63	2	2 NO	24V AC/DC	SMC-2063-2NO/ACDC24
SMC-4025	25	4	4 NO	24V AC/DC	SMC-4025-4NO/ACDC24
SMC-4063	63	4	4 NO	24V AC/DC	SMC-4063-4NO/ACDC24

Note: Please contact our sales department for modular contactors with different coil supply and contact structure.

Auxiliary Contact for Modular Contactor



Type Code	Contact Structure	Order Code
SMC-YK	1 NO+1 NC	SMCYK

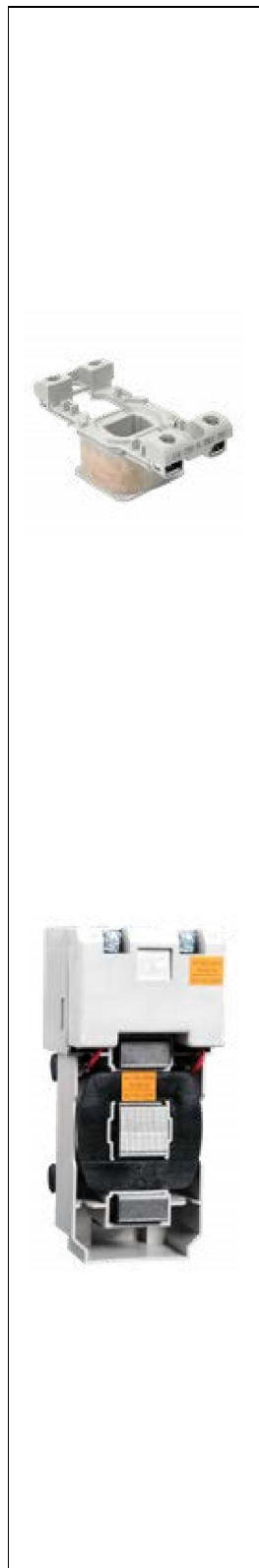
Thermal Insulation Plate for Modular Contactor



Type Code	Order Code
SMC-YA	SMCYA

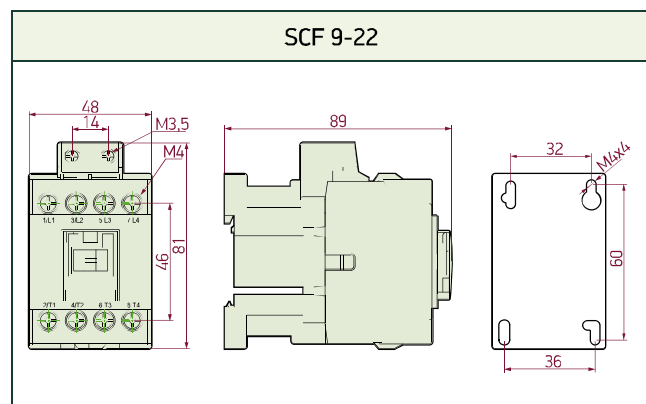
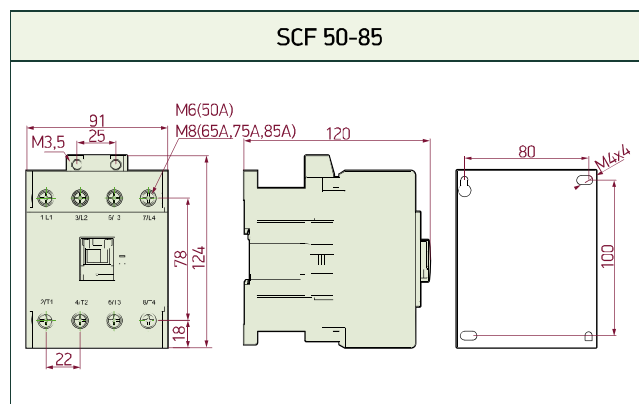
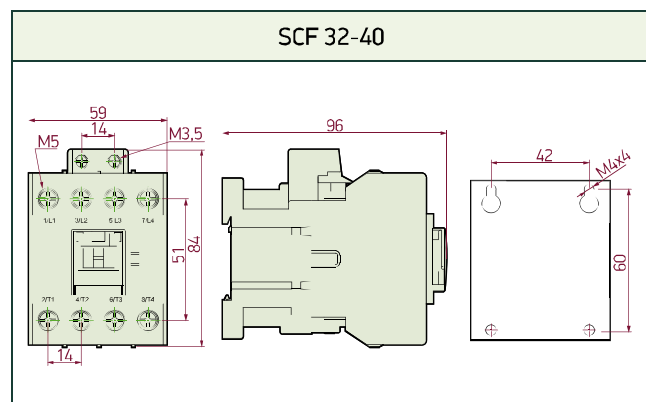
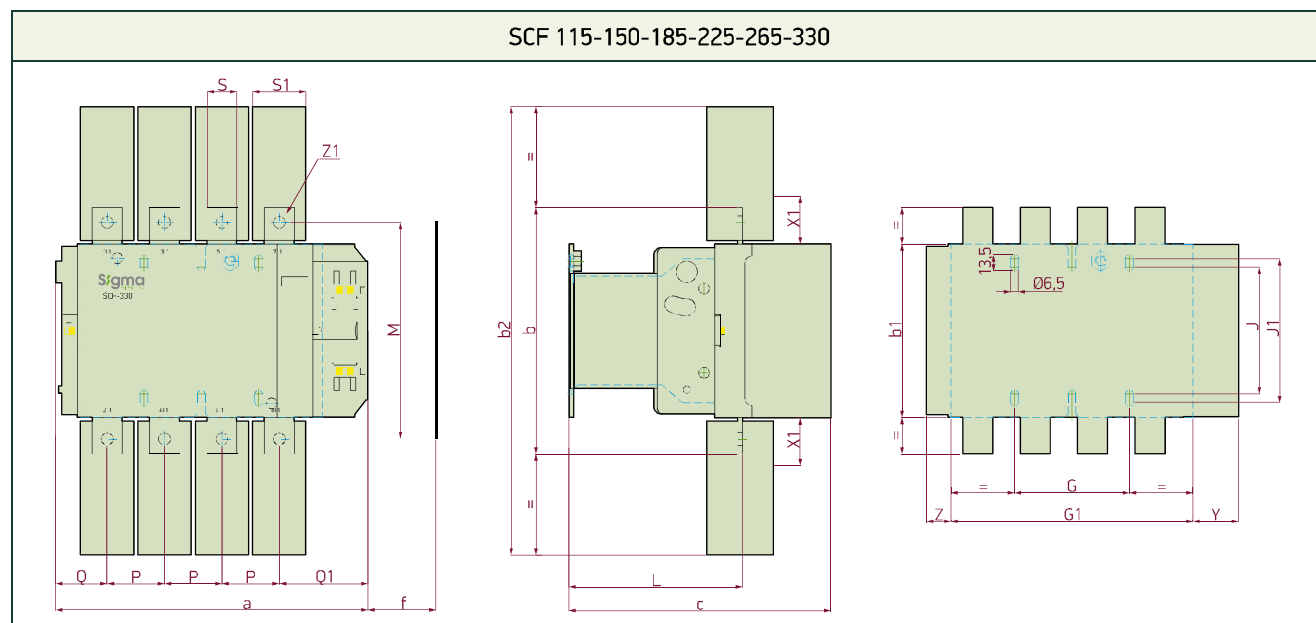
Note: It is recommended to use a thermal insulation plate after every 3 modular contactors used side-by-side.

Spare Coils



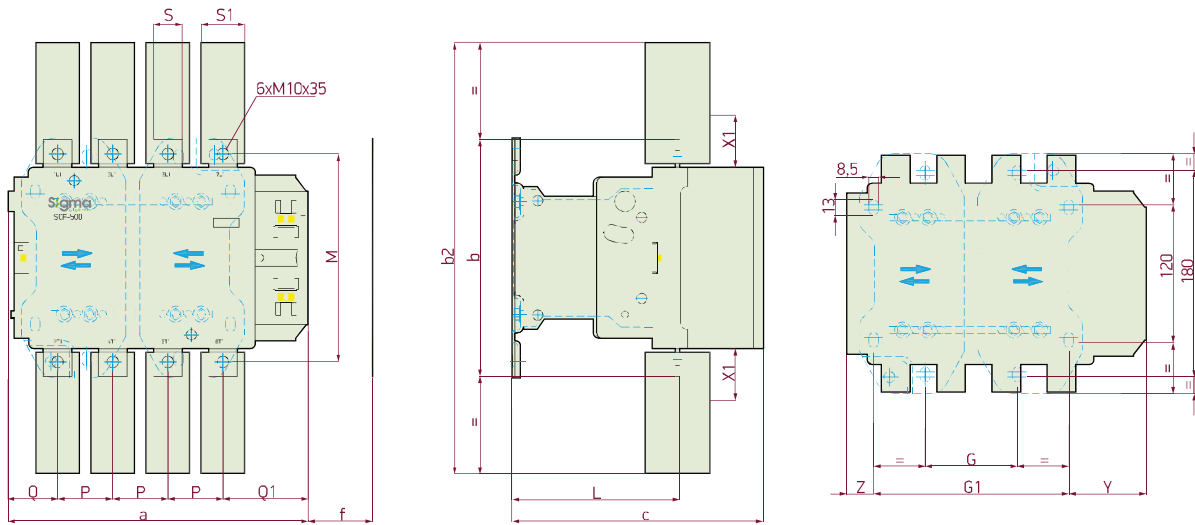
Type Code	Compatible with	Coil Voltage	Order Code
SGB-1	SCG 9 ... SCG 40	24V AC 50/60Hz	SGB1-024AC
	SCG 9 ... SCG 40	42V AC 50/60Hz	SGB1-042AC
	SCG 9 ... SCG 40	48V AC 50/60Hz	SGB1-048AC
	SCG 9 ... SCG 40	110V AC 50/60Hz	SGB1-110AC
	SCG 9 ... SCG 40	230V AC 50/60Hz	SGB1-230AC
	SCG 9 ... SCG 40	400V AC 50/60Hz	SGB1-400AC
	SCG 9 ... SCG 40	415V AC 50/60Hz	SGB1-415AC
SGB-2	SCG 50 ... SCG 100	24V AC 50/60Hz	SGB2-024AC
	SCG 50 ... SCG 100	42V AC 50/60Hz	SGB2-042AC
	SCG 50 ... SCG 100	48V AC 50/60Hz	SGB2-048AC
	SCG 50 ... SCG 100	110V AC 50/60Hz	SGB2-110AC
	SCG 50 ... SCG 100	230V AC 50/60Hz	SGB2-230AC
	SCG 50 ... SCG 100	400V AC 50/60Hz	SGB2-400AC
	SCG 50 ... SCG 100	415V AC 50/60Hz	SGB2-415AC
SGB-3	SCG 115 ... SCG 150 SCF 115 ... SCF 150	230V AC 50/60Hz	SGB3-230AC
	SCG 115 ... SCG 150	400V AC 50/60Hz	SGB3-400AC
	SCG 115 ... SCG 150	110V DC	SGB3-110DC
SGB-4	SCG 185 ... SCG 225 SCF 185 ... SCF 225	230V AC 50/60Hz	SGB4-230AC
	SCG 185 ... SCG 225	400V AC 50/60Hz	SGB4-400AC
	SCG 185 ... SCG 225	110V DC	SGB4-110DC
SGB-5	SCG 265 ... SCG 330 SCF 265 ... SCF 330	230V AC 50/60Hz	SGB5-230AC
	SCG 265 ... SCG 330	400V AC 50/60Hz	SGB5-400AC
	SCG 265 ... SCG 330	110V DC	SGB5-110DC
SGB-6	SCG 400 SCF 400	230V AC 50/60Hz	SGB6-230AC
	SCG 400	400V AC 50/60Hz	SGB6-400AC
	SCG 400	110V DC	SGB6-110DC
SGB-7	SCG 500	230V AC 50/60Hz	SGB7-230AC
	SCG 500	400V AC 50/60Hz	SGB7-400AC
	SCG 500	110V DC	SGB7-110DC
SGB-8	SCG 630 ... SCG 800 SCF 630 ... SCF 800	230V AC 50/60Hz	SGB8-230AC
	SCG 630 ... SCG 800	400V AC 50/60Hz	SGB8-400AC
	SCG 630 ... SCG 800	110V DC	SGB8-110DC
SYB1	SCF 9 ... SCF 40	230V AC	SYB1-230AC
SYB2	SCF 50 ... SCF 95	230V AC	SYB2-230AC
SYB-3 (full set coil)	SCM 100 ... SCM 150	100-240V AC / 100-220V DC	SYB3-0ACDC
SYB-4 (full set coil)	SCM 180 ... SCM 250	100-240V AC / 100-220V DC	SYB4-0ACDC
SYD-1	SDM 9 ... SDM 40	24V DC	SYD1-024DC
	SDM 9 ... SDM 40	48V DC	SYD1-048DC
	SDM 9 ... SDM 40	60V DC	SYD1-060DC
	SDM 9 ... SDM 40	110V DC	SYD1-110DC
SYM-1	SCM 6M ... SCM 16M	24V AC 50/60Hz	SYM1-024AC
	SCM 6M ... SCM 16M	42V AC 50/60Hz	SYM1-042AC
	SCM 6M ... SCM 16M	48V AC 50/60Hz	SYM1-048AC
	SCM 6M ... SCM 16M	110V AC 50/60Hz	SYM1-110AC
	SCM 6M ... SCM 16M	230V AC 50/60Hz	SYM1-230AC
SMD-1	SDM 6M ... SDM 16M	24V DC	SMD1-024DC
	SDM 6M ... SDM 16M	48V DC	SMD1-048DC
	SDM 6M ... SDM 16M	110V DC	SMD1-110DC

Dimensions



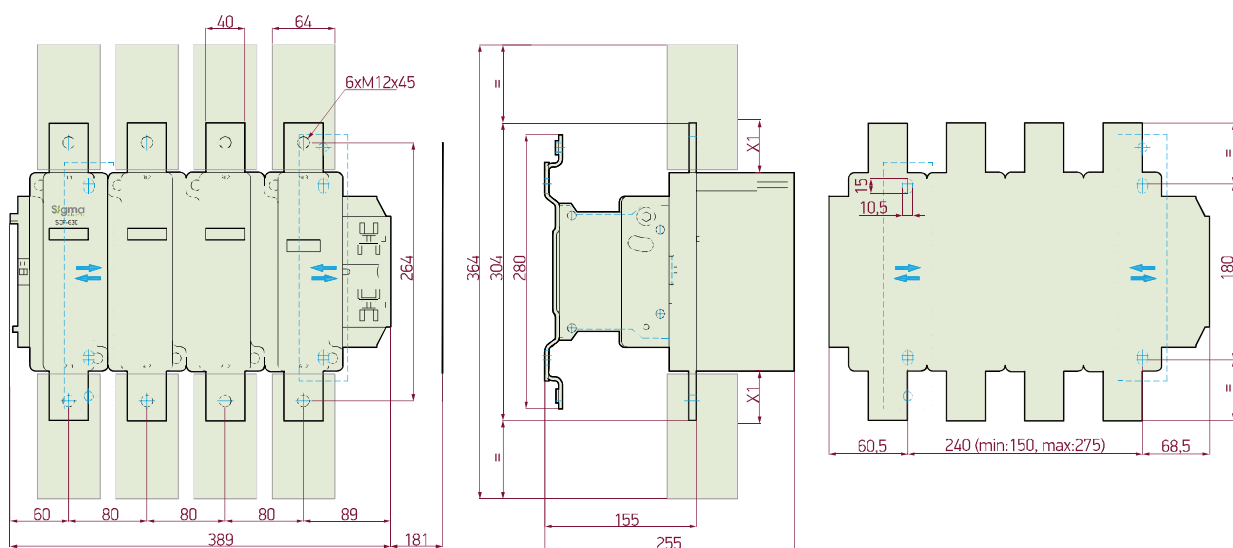
SCF	a	b	b1	b2	c	f	G	G1	J	J1	L	M	P	Q	Q1	S	S1	Y	Z	Z1
115A	200,5	162	137	265	171	131	80	143	106	120	107	147	37	29,5	60	20	26	44	13,5	M6x25
150A	200,5	170	137	301	171	131	80	143	106	120	107	150	40	26	55,5	20	34	44	13,5	M8x25
185A	208,5	174	137	305	181	130	80	151	106	120	113,5	154	40	29	59,5	20	34	44	13,5	M8x25
225A	208,5	197	137	364	181	130	80	151	106	120	113,5	172	48	17	47,5	25	44,5	44	13,5	M10x25
265A	244,5	203	145	375	213	147	96	190	106	120	141	178	48	34	66,5	25	44,5	38	21,5	M10x25
330A	261	206	145	375	219	147	96	202,5	106	120	145	181	48	43	74	25	44,5	38	20,5	M10x25

SCF 400 - SCF 500

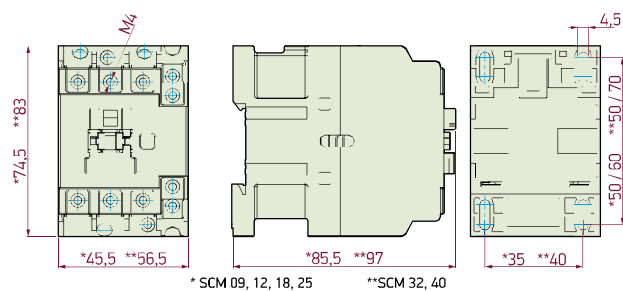


SCF	a	b	b2	c	f	G	Gmin	Gmax	G1	G1min	G1max	L	M	P	Q	Q1	S	S1	Y	Z
400A	261	206	375	219	119	80	66	150	170	156	240	145	181	48	43	74	25	44,5	67,5	23,5
500A	288	238	400	232	141	140	66	175	230	156	265	146	208	55	46	77	30	44,5	34,5	23,5

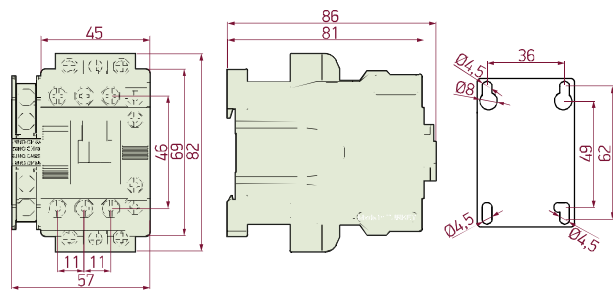
SCF 630 - SCF 800



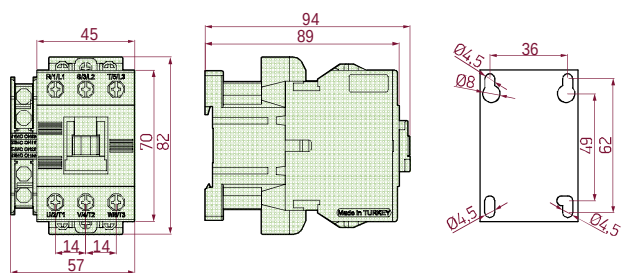
SCM 9-40



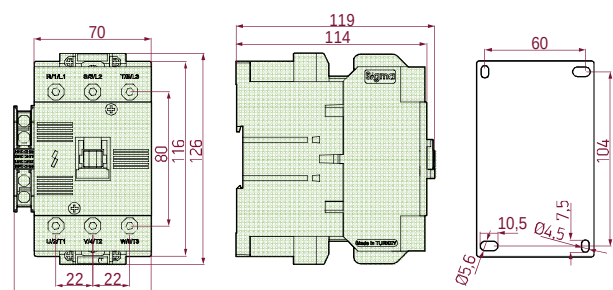
SCG 9-25



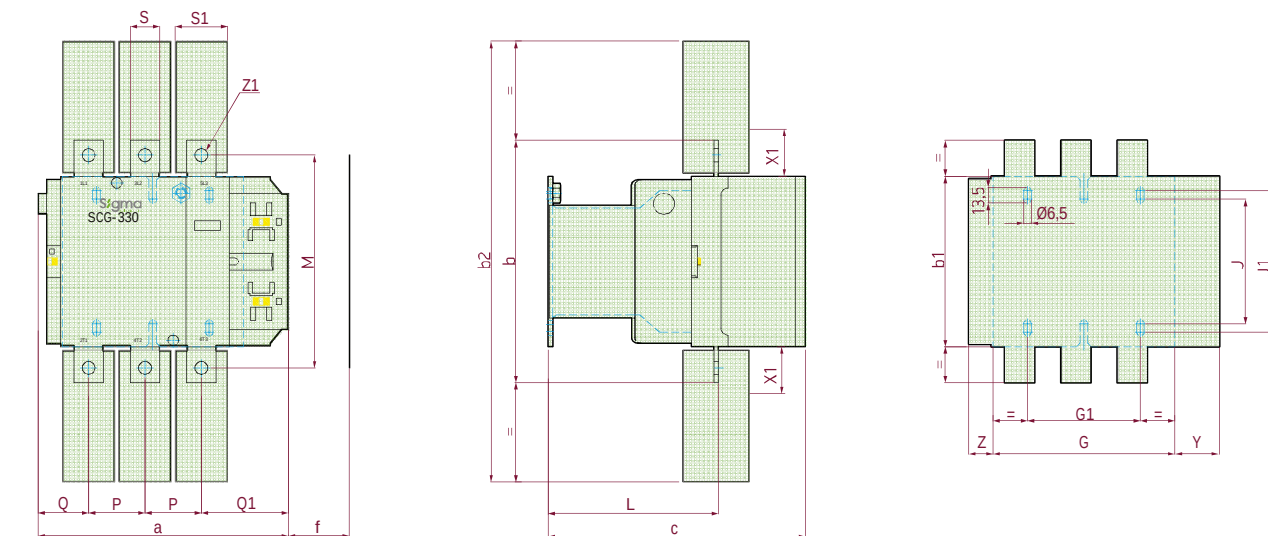
SCG 32-40



SCG 50-100

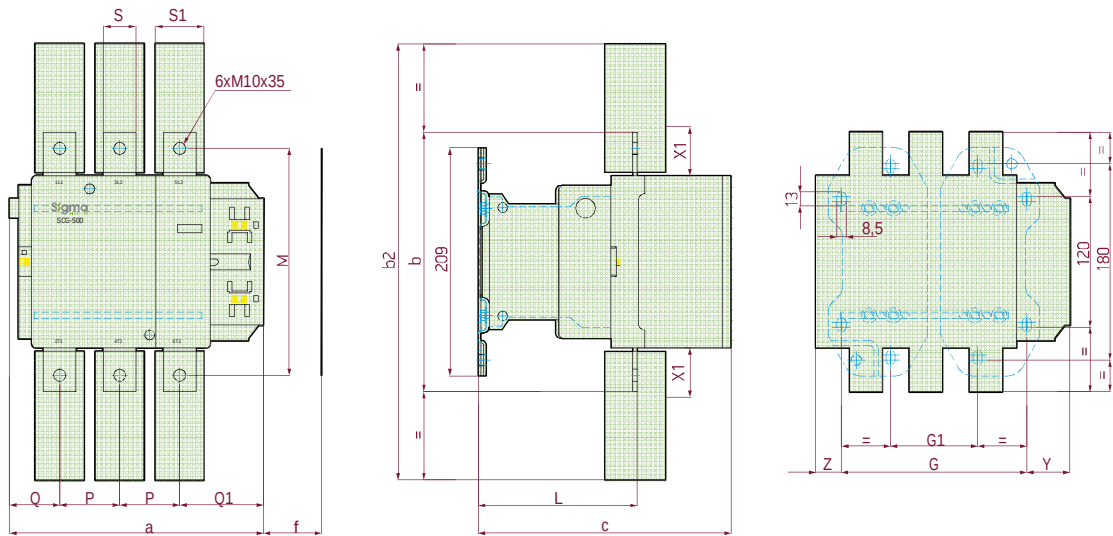


SCG 115-330



SCG	a	b	b1	b2	c	f	G	G1	j	j1	L	M	P	Q	Q1	S	S1	Y	Z	Z1
115A	163,5	162	137	265	171	131	106	80	106	120	107	147	37	29,5	60	20	26	44	13,5	M5x25
150A	163,5	170	137	301	171	131	106	80	106	120	107	150	40	26	57,5	20	34	44	13,5	M8x25
185A	168,5	174	137	305	181	130	111	80	106	120	113,5	154	40	29	59,5	20	34	44	13,5	M8x25
225A	168,5	197	137	364	181	130	111	80	106	120	113,5	172	48	21	51,5	25	44,5	44	13,5	M10x35
265A	201,5	203	145	375	213	147	142	96	106	120	141	178	48	39	66,5	25	44,5	38	21,5	M10x35
330A	213	206	145	375	219	147	154,5	96	106	120	145	181	48	43	74	25	44,5	38	20,5	M10x35

SCG 400-500



SCG	a	b	b2	c	f	G	Gmin.	Gmax.	G1	G1 min.	G1 max.	L	M	P	Q	Q1	S	S1	Y	Z
400A	213	206	375	219	119	170	156	192	80	66	102	145	181	48	43	74	25	44,5	19,5	23,5
500A	233	238	400	232	141	170	156	210	80	66	120	146	208	55	46	77	30	44,5	39,5	23,5

SCG 630-800

