



Accesorios y partes de reemplazo para contactores LC1F

CENTRO DE INFORMACION AL CLIENTE

Tels.: 01 (55) 5804-5544 / 5804-5545

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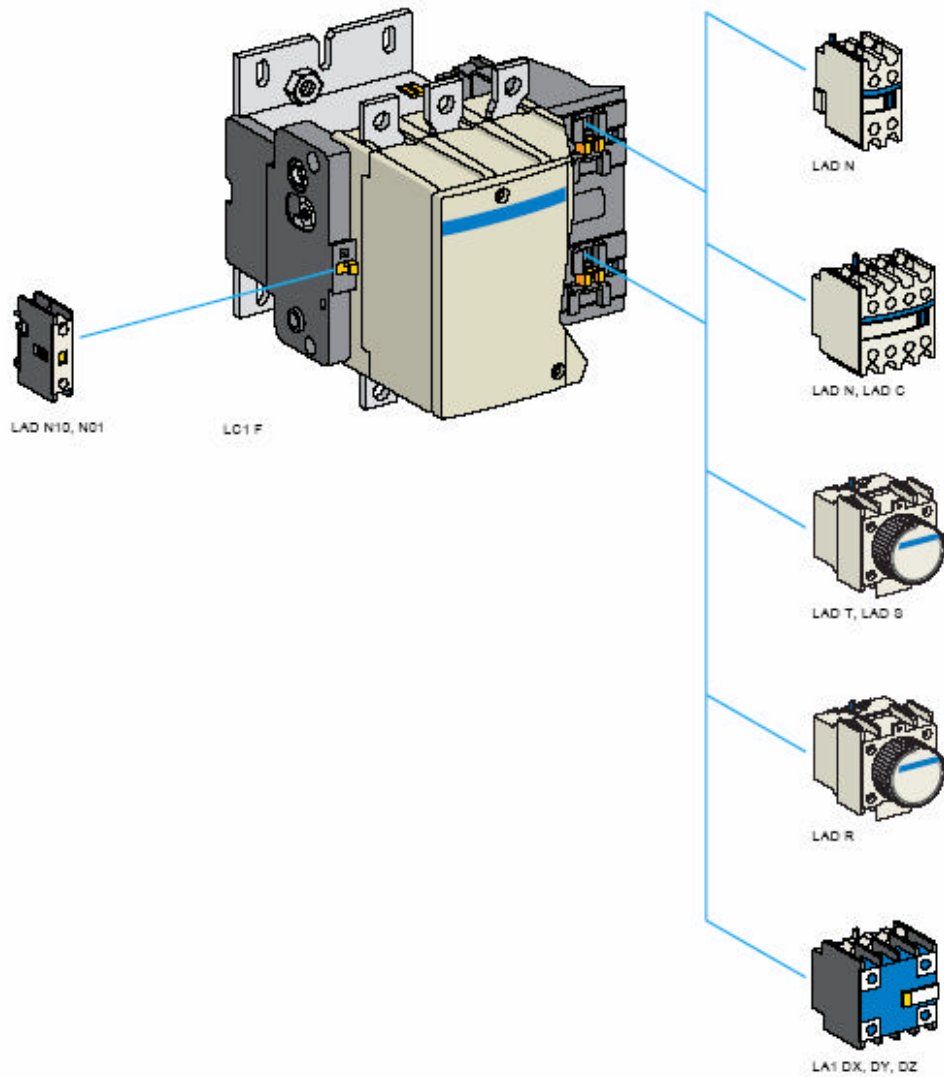
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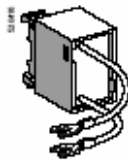
References

Contactors

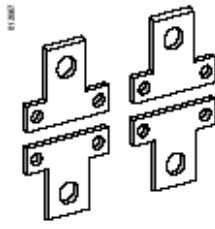
Type LC1 F
Auxiliary contact blocks

Instantaneous auxiliary contact blocks					
For use in normal operating environments					
Number of contacts	Max. number of blocks per contactor Clip-on mounting	Composition		Reference	Weight kg
1	1	-	1	LAD N10	0.020
		-	-	LAD N01	0.020
2	2	-	1	LAD N11	0.030
		-	2	LAD N20	0.030
		-	-	LAD N02	0.030
4	2	-	2	LAD N22	0.050
		-	1	LAD N13	0.050
		-	4	LAD N40	0.050
		-	-	LAD N04	0.050
		-	3	LAD N31	0.050
		-	2	2 (1)	LAD C22
With terminal referencing conforming to EN 50012					
2	2	-	1	LAD N11P	0.030
		-	1	LAD N11G	0.030
4	2	-	2	LAD N22P	0.050
		-	2	LAD N22G	0.050
Instantaneous auxiliary contact blocks with dust and damp protected contacts					
Recommended for use in particularly harsh industrial environments					
Number of contacts	Max. number of blocks per contactor Clip-on mounting	Composition		Reference	Weight kg
2	2	2	-	LA1 DX20	0.040
		2	2 (2)	LA1 DY20	0.040
4	2	2	2	LA1 DZ40	0.050
		2	1	LA1 DZ31	0.050
Time delay auxiliary contact blocks					
Number of contacts	Max. number of blocks per contactor Clip-on mounting	Time delay		Reference	Weight kg
		Type	Range		
1 N/O	2	On-delay	0.1...3 (3)	LAD T0	0.060
			0.1...30	LAD T2	0.060
1 N/C	2	On-delay	10...180	LAD T4	0.060
			1...30 (4)	LAD S2	0.060
1 N/O	2	Off-delay	0.1...3 (3)	LAD R0	0.060
			0.1...30	LAD R2	0.060
			10...180	LAD R4	0.060

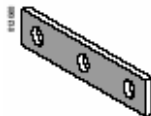
(1) Including 1 N/O + 1 N/C make before break.
(2) Device fitted with 4 earth screen continuity terminals.
(3) With extended scale from 0.1 to 0.6 s.
(4) With switching time of 40 ms ± 15 ms between opening of the N/C contact and closing of the N/O contact.



LA4 Fvce



LA9 Fv02



LA9 Fv01



DZ3 FA3

Suppressor blocks
RC circuits (resistor-capacitor)

- Effective protection for circuits highly sensitive to "high frequency" interference. For use only in cases where the voltage is virtually sinusoidal, i.e. less than 5% total harmonic distortion.
- Voltage limited to 3 Uc max. and oscillating frequency limited to 400 Hz max.
- Slight increase in drop-out time (1.1 to 1.3 times the normal time).

Mounting	Uo		Reference	Weight kg
Clip-on mounting on all ratings and all a.c. coils.	~	24...48 V	LA4 FRCE	0,040
		50...110 V	LA4 FRCF	0,040
		127...240 V	LA4 FRCF	0,040
		265...415 V	LA4 FRCV	0,040

Variators (peak limiting)

- Protection provided by limiting the transient voltage to 2 Uc max.
- Maximum reduction of transient voltage peaks.

Mounting	Uo		Reference	Weight kg
Clip-on mounting on all ratings and all coils.	~ or =	24...48 V	LA4 FVE	0,040
		50...110 V	LA4 FVF	0,040
		127...240 V	LA4 FVP	0,040
		265...415 V	LA4 FVV	0,040

Diodes

- No overvoltage or oscillating frequency.
- Increase in drop-out time (3 to 4 times the normal time).
- Polarised component.

Mounting	Uo		Reference	Weight kg
Clip-on mounting on all ratings and all d.c. coils.	=	24...48 V	LA4 FDE	0,040
		55...110 V	LA4 FDF	0,040
		125...250 V	LA4 FDP	0,040
		280...440 V	LA4 FDV	0,040

Bidirectional peak limiting diodes (transil)

- Protection provided by limiting the transient voltage to between 2 and 2.5 times Uc max.
- Maximum reduction of transient voltage peaks.

Mounting	Uo		Reference	Weight kg
Clip-on mounting on all ratings and all coils.	~ or =	24...48 V	LA4 FTE	0,040
		50...110 V	LA4 FTF	0,040
		127...240 V	LA4 FTP	0,040
		265...415 V	LA4 FTV	0,040

Cabling accessories

For use on 4-pole contactors	Set of 4 links		Weight kg
	Set	reference	

Links for parallel connection of poles (in pairs)

LC1 F1154	LA9 FF02	0,200
LC1 F1504, F1854	LA9 FG02	0,350
LC1 F2254, F2654, F3304, F4004	LA9 FH02	1,000
LC1 F5004	LA9 FK02	1,750
LC1 F6304	LA9 FL02	3,000

Links for "star" connection of 3 poles

LC1 F115	LA9 FF01	0,035
LC1 F150, F185	LA9 FG01	0,050
LC1 F225, F265, F330, F400	LA9 FH01	0,120
LC1 F500	LA9 FK01	0,180
LC1 F630, F800	LA9 FL01	0,550

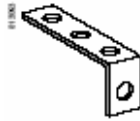
Control circuit voltage take-off from power terminals

For use on contactors	Mounted on bolt size	Sold in lots of	Unit reference	Weight kg
LC1 F115	M6	10	DZ3 FA3	0,004
LC1 F150, F185	M8	10	DZ3 GA3	0,004
LC1 F225...F500	M10	10	DZ3 HA3	0,005
LC1 F630, F800	M12	10	DZ3 JA3	0,009

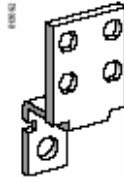
Contactors

 Type LC1 F
 Accessories


LA9 F#001



LA9 F#079



LA9 F#000

Right-angled connectors

For contactors or thermal overload relays

For use on Contactors	Thermal overload relays (1)	With connector plate		Set of 3 connectors	
		Width	Type	Set reference	Weight kg
LC1 F115	LR9 F#67, LR9 F67	15 mm	Rear	LA9 FF881	0.060
			Side	LA9 FF879	0.240
			Large surface area	LA9 FF880	0.150
LC1 F150, F185	LR9 F#69, F#71, LR9 F69, F71	20 mm	Rear	LA9 FG881	0.080
			Side	LA9 FG879	0.360
			Large surface area	LA9 FG880	0.200
LC1 F225, F265, F330, F400	LR9 F#75, F#75, LR9 F75	25 mm	Rear	LA9 FJ881	0.430
			Side	LA9 FJ879	0.750
			Large surface area	LA9 FJ880	0.490
LC1 F500	LR9 F#79, F#81, LR9 F79, F81	30 mm	Rear	LA9 FK881	0.480
			Side	LA9 FK879	0.920
			Large surface area	LA9 FK880	0.600
LC1 F630, F900	LR9 F#81, LR9 F81	40 mm	Rear	LA9 FL881	1.210
			Side	LA9 FL879	2.570
			Large surface area	LA9 FL880	3.190

Connection accessories

For reversing contactors or "star-delta" contactors combined with a thermal overload relay

For use on Contactors	Thermal overload relays (1)	Width of connector plate	Set of 3 busbars	
			Set reference	Weight kg
LC1 F115	LR9 F#67, F#63, LR9 F#67, F#69, LR9 F69, F71	15 mm	LA7 F401	0.110
			LA7 F402	0.110
LC1 F150 and F185	LR9 F#67, F#63	20 mm	LA7 F407	0.160
			LA7 F403	0.160
LC1 F225 and F265	LR9 F#71, LR9 F71	25 mm	LA7 F404	0.160
			LA7 F404	0.160
LC1 F330 and F400	LR9 F#75, F#75, LR9 F75, F79	25 mm	LA7 F404	0.160
			LA7 F404	0.160
LC1 F400	LR9 F#81, LR9 F81	25 mm	LA7 F404	0.160
			LA7 F406	0.270
LC1 F500	LR9 F#75, F#75, LR9 F#81, LR9 F75, F79, F81	30 mm	LA7 F406	0.600
			LA7 F408	0.600

(1) For protection relays class 10, replace the # with a 3 and for class 20, replace the # with a 6.

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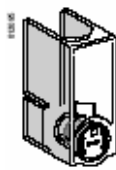
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Contactors

 Type LC1 F
 Accessories


LA9 F103



LA9 F701

Insulated terminal blocks

For use on	Cabling	Tightening tool	Set of 2 blocks Set reference	Weight kg
3-pole contactors				
LC1 F116, F160, F186	1 x 16...150 mm ² or 2 x 16...95 mm ²	4 mm hexagonal socket key	LA9 F103	0.560

Power terminal protection shrouds

For use on	Number of shrouds per set	Set reference	Weight kg
2, 3 and 4-pole contactors			
LC1 F116	6	LA9 F701	0.250
LC1 F160, F186	6	LA9 F702	0.250
LC1 F226, F286, F330, F400 and F4002, F500 and F5002	6	LA9 F703	0.250
LC1 F830, F8302 and F800	6	LA9 F704	0.250
LC1 F1164	6	LA9 F706	0.300
LC1 F1604 and F1864	6	LA9 F707	0.300
LC1 F2264, F2864, F3304, F4004, F5004	6	LA9 F708	0.300
LC1 F8304	6	LA9 F709	0.300

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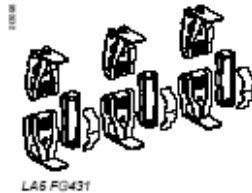
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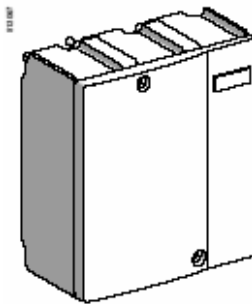
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LA6 FG431



LA6 F40060

Main contact sets

Per pole: 2 fixed contacts and 1 moving contact, 2 deflectors, 1 backplate, fixing screws and washers.

For contactor	Type	Replacement for	Reference	Weight kg
2-pole	LC1 F4002	2 poles	LA6 F400802	1.350
	LC1 F5002	2 poles	LA6 F500802	1.950
	LC1 F6302	2 poles	LA6 F630802	4.700
	LC1 F6302S011	2 poles	LA6 F630802S011	4.800
3-pole	LC1 F115, F150	3 poles	LA6 FF431	0.270
	LC1 F185, F225	3 poles	LA6 FG431	0.350
	LC1 F255	3 poles	LA6 FH431	0.660
	LC1 F330, F400	3 poles	LA6 F400803	2.000
	LC1 F500	3 poles	LA6 F500803	2.950
	LC1 F630	3 poles	LA6 F630803	6.100
	LC1 F780	1 pole	LA6 F780801 (1)	4.700
		3 poles	LA6 F780803	13.200
	LC1 F800	3 poles	LA6 F800803	6.100
	LC1 F630S011	3 poles	LA6 F630803S011	6.200
4-pole	LC1 F1504, F1154	4 poles	LA6 FF441	0.360
	LC1 F1854, F2254	4 poles	LA6 FG441	0.465
	LC1 F2554	4 poles	LA6 FH441	0.880
	LC1 F3304, F4004	4 poles	LA6 F400804	2.700
	LC1 F5004	4 poles	LA6 F500804	3.900
	LC1 F6304	4 poles	LA6 F630804	8.150
	LC1 F7804	1 pole	LA6 F780801 (1)	4.700
		4 poles	LA6 F780804	17.300
	LC1 F6304S011	4 poles	LA6 F630804S011	8.400

Arc chambers

For contactor	Type	Replacement for	Reference	Weight kg
2-pole	LC1 F4002	2 poles	LA6 F400260	0.870
	LC1 F5002	2 poles	LA6 F500260	1.250
	LC1 F6302	2 poles	LA6 F630260	2.100
	LC1 F6302S011	2 poles	LA6 F630260	2.100
3-pole	LC1 F115	3 poles	LA6 F11660	0.490
	LC1 F150	3 poles	LA6 F16060	0.490
	LC1 F185	3 poles	LA6 F18660	0.670
	LC1 F225	3 poles	LA6 F22660	0.670
	LC1 F255	3 poles	LA6 F28660	0.920
	LC1 F330	3 poles	LA6 F39060	1.300
	LC1 F400	3 poles	LA6 F40060	1.300
	LC1 F500	3 poles	LA6 F50060	1.850
	LC1 F630	3 poles	LA6 F63060	3.150
	LC1 F780	1 pole	LA6 F780160 (1)	2.100
LC1 F800	3 poles	LA6 F80060	3.150	
LC1 F630S011	3 poles	LA6 F63060	3.150	
4-pole	LC1 F1154	4 poles	LA6 F116460	0.660
	LC1 F1504	4 poles	LA6 F160460	0.660
	LC1 F1854	4 poles	LA6 F186460	0.910
	LC1 F2254	4 poles	LA6 F226460	1.000
	LC1 F2554	4 poles	LA6 F286460	1.220
	LC1 F3304	4 poles	LA6 F390460	1.740
	LC1 F4004	4 poles	LA6 F400460 (2)	1.740
	LC1 F5004	4 poles	LA6 F500460 (2)	2.500
	LC1 F6304	4 poles	LA6 F630460 (3)	4.200
	LC1 F7804	1 pole	LA6 F780160 (1)	2.100
LC1 F6304S011	4 poles	LA6 F630460	4.200	

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