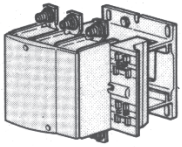
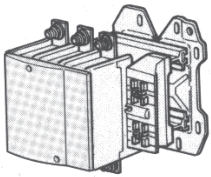
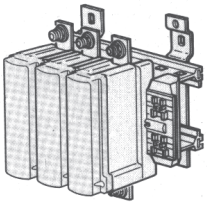


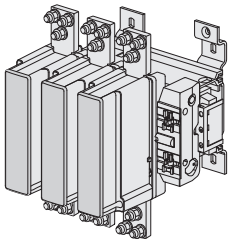
LC1 F115
LC1 F150
LC1 F185
LC1 F225
LC1 F265
LC1 F330



LC1 F400
LC1 F500



LC1 F630
LC1 F800



LC1 F1250

"For Motor Starting Use Schneider Electric Overload Relay Series LR"

⚠ DANGER / DANGER / PELIGRO / GEFAHR / PERICOLO / PERIGO / ОПАСНО / 危险

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH Disconnect all power before servicing equipment. **Failure to follow these instructions will result in death or serious injury.**	**RISQUE D'ÉLECTROCUTION, D'EXPLOSION OU D'ARC ELECTRIQUE** Coupez toutes les alimentations avant de travailler sur cet appareil. **Le non-respect de ces instructions provoquera la mort ou des blessures graves.**
PELIGRO DE DESCARGA ELÉCTRICA, EXPLOSIÓN O ARCO ELECTRICO Desconecte todas las alimentaciónes antes de manipular el producto. **Si no se siguen estas instrucciones provocará lesiones graves o incluso la muerte.**	**GEFAHR VON ELEKTRISCHEM SCHLAG, EXPLOSION ODER LICHTBOGEN** Vor dem Arbeiten am Gerät alle Spannungsversorgungen abschalten. **Die Nichtbeachtung dieser Anweisungen führt zu Tod oder schwerer Körperverletzung.**
RISCHIO DI SCARICA ELETTRICA , ESPLOSIONE O ARCO ELETTRICO Scollegare l'apparecchio da tutti i circuiti di alimentazione prima di qualsiasi intervento. **Il mancato rispetto di queste istruzioni provocherà morte o gravi infortuni.**	**RISCO DE ELECTROCUSSÃO, DE EXPLOSÃO, OU DE ARCO ELÉCTRICO** Desconecte todas as alimentações antes de manipular o produto. **A não observância destas instruções resultará em morte, ou ferimentos graves.**
Опасность поражением электрическим током, опасность взрыва или вспышки дуги. Перед обслуживанием или ремонтом убедитесь, что питание отключено. **Несоблюдение этих инструкций приведет к смерти или серьезной травме.**	可能有触电、爆炸或者电弧灼伤的危险 在此电力设备 上进行工作时 请先切断所有电源。 若违背这些说明， 则可能会导致严重的人身伤害甚至死亡

W9 1355817 0191 A16
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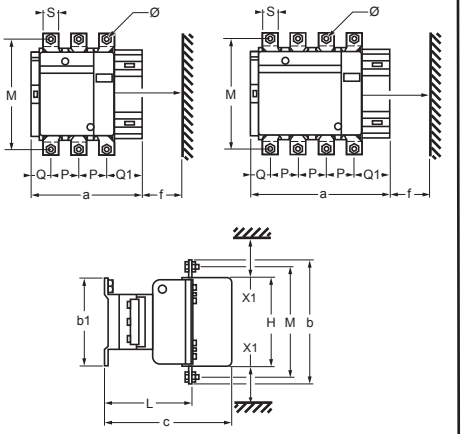
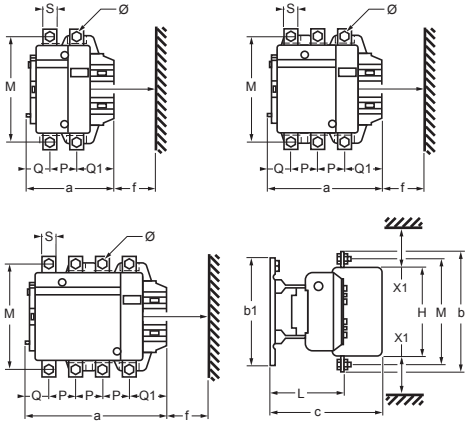
Schneider Electric

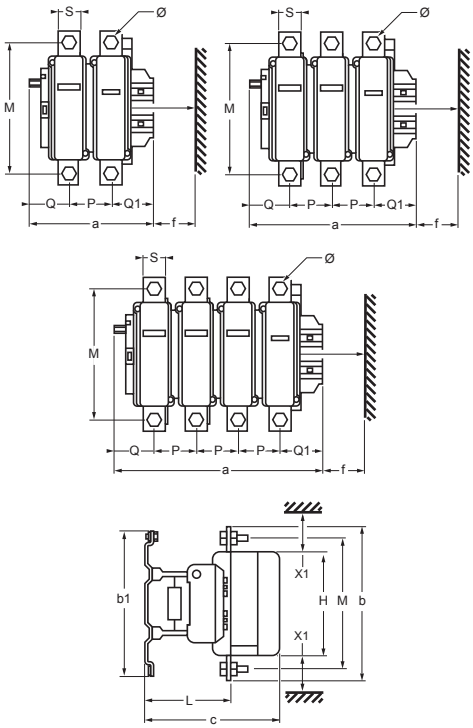
LC1 F115...F330



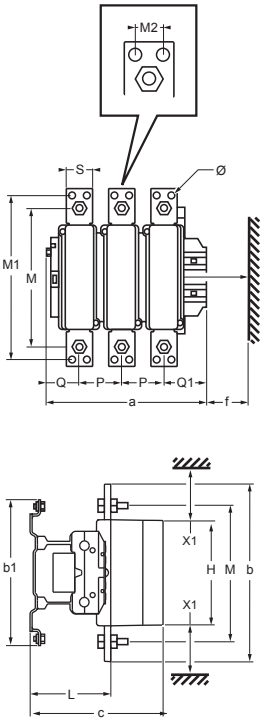
LC1 F400...F500



LC1 F630...F800



LC1 F1250

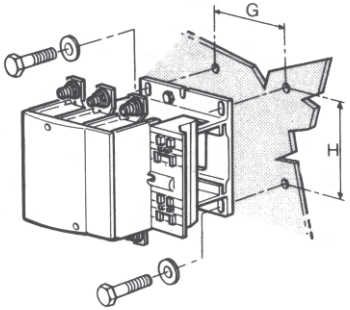


mm	LC1 F115		LC1 F150		LC1 F185		LC1 F225		LC1 F265	
	115	1154	150	1504	185	1854	225	2254	265	2654
a	163,5	200,5	163,5	200,5	168,5	208,5	168,5	208,5	201,5	244,5
P	37	37	40	40	40	40	48	48	48	48
Q	29,5	29,5	26	25	29	29	21	17	39	34
Q1	60	60	57,5	55,5	59,5	59,5	51,5	47,5	66,5	66,5
S	20	20	20	20	20	20	25	25	25	25
Ø	M6	M6	M8	M8	M8	M8	M10	M10	M10	M10
f	131	131	131	131	130	130	130	130	147	147
b	162	162	170	170	174	174	197	197	203	203
b1	137	137	137	137	137	137	137	137	145	145
M	147	147	150	150	154	154	172	172	178	178
H	124	124	124	124	127	127	127	127	147	147
c	171	171	171	171	181	181	181	181	213	213
L	107	107	107	107	113,5	113,5	113,5	113,5	141	141
X1 220...500 V 660...1000 V	10 15		10 15		10 15		10 15		10 15	

inches = mm x 0.0394

mm	LC1 F330		LC1 F400			LC1 F500			LC1 F630...F800			LC1 F1250
	330	3304	4002	400	4004	5002	500	5004	6302	630 800	6304	1250
a	213	261	213	213	261	233	233	288	309	309	389	309
P	48	48	48	48	48	55	55	55	80	80	80	80
Q	43	43	69	43	43	76	46	46	102	60	60	60
Q1	74	74	96	74	74	102	77	77	127	89	89	89
S	25	25	25	25	25	30	30	30	40	40	40	50
Ø	M10	M10	M10	M10	M10	M10	M10	M10	M12	M12	M12	M12
f	147	147	146	146	146	150	150	150	181	181	181	181
b	206	206	206	206	206	238	238	238	304	304	304	338
b1	145	145	209	209	209	209	209	209	280	280	280	280
M	181	181	181	181	181	208	208	208	264	264	264	264
M1	-	-	-	-	-	-	-	-	-	-	-	312
M2	-	-	-	-	-	-	-	-	-	-	-	28
H	158	158	158	158	158	172	172	172	202	202	202	202
c	219	219	219	219	219	232	232	232	255	255	255	255
L	145	145	145	145	145	146	146	146	155	155	155	155
X1 220..500 V 660..1000 V	10 15		15 20			15 20			20 30			20 30

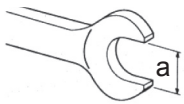
B

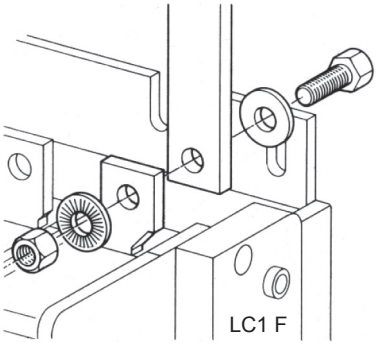


LC1 F	115/1154 150/1504 185/1854 225/2254	265/2654 330/3304	400/4002 4004 500/5002	5004	630/6302 800	6304	1250
G (mm)	80	96	80	140	180	240	180
H (mm)	110 - 120		170 - 180		180 - 190		

inches = mm x 0.0394

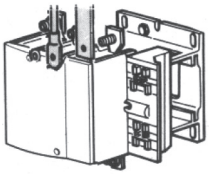
C

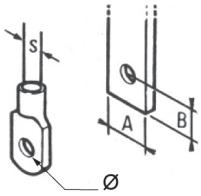




LC1 F	a (mm)	C (N.m)
115/1154	10	10
150/1504/185/1854	13	18
225 ... 5004	16	35
630/6304/800/1250	18	58

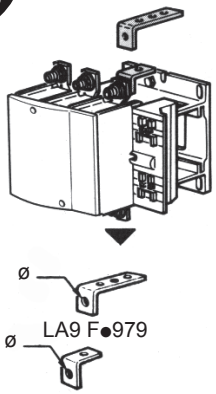
lb-in = N.m x 8.85



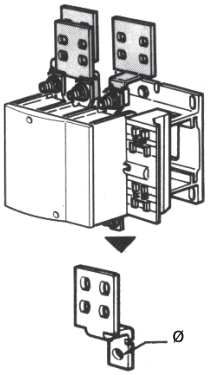


	115	150	185	225	265	330	400	500	630	800	1250
A (mm)	⩽ 20	⩽ 25	⩽ 25	⩽ 30	⩽ 30	⩽ 30	⩽ 30	⩽ 40	⩽ 60	⩽ 60	⩽ 60
B (mm)	10	12,5	12,5	15	15	15	15	20	25	25	25
Ø (mm)	6,6	9	9	11	11	11	11	11	13	13	13
S (mm^2)	95	120	150	185	240	240	2x150	2x240	-	-	-
C (N.m)	10	18	18	35	35	35	35	35	58	58	58
C (N.m) ⏚	10	10	10	10	10	10	35	35	58	58	58

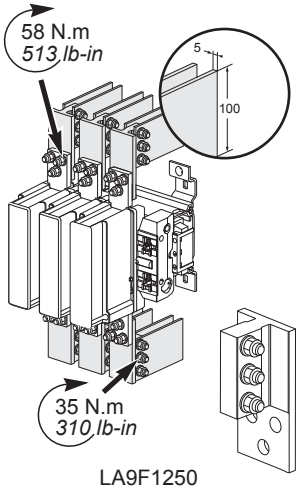
inches = mm x 0.0394
lb-in = N.m x 8.85



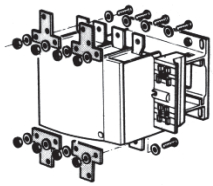
LA9 F●981



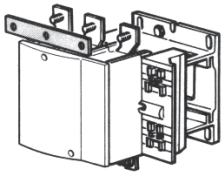
LA9 F●980



LA9F1250



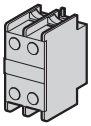
LA9 F●602



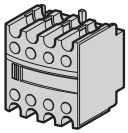
LA9 F●601

LC1 F ▼	3 x	3 x	3 x	4 x	1 x	6 x
115	LA9 FF981	LA9 FF979	LA9 FF980	LA9 FF602	LA9 FF601	-
150	LA9 FG981	LA9 FG979	LA9 FG980	LA9 FG602	LA9 FG601	-
185	LA9 FG981	LA9 FG979	LA9 FG980	LA9 FG602	LA9 FG601	-
225	LA9 FJ981	LA9 FJ979	LA9 FJ980	LA9 FJ602	LA9 FH601	-
265	LA9 FJ981	LA9 FJ979	LA9 FJ980	LA9 FH602	LA9 FH601	-
330	LA9 FJ981	LA9 FJ979	LA9 FJ980	LA9 FH602	LA9 FH601	-
400	LA9 FJ981	LA9 FJ979	LA9 FJ980	LA9 FH602	LA9 FH601	-
500	LA9 FK981	LA9 FK979	LA9 FK980	LA9 FK602	LA9 FK601	-
630	LA9 FL981	LA9 FL979	LA9 FL980	LA9 FL602	LA9 FL601	-
800	LA9 FL981	LA9 FL979	LA9 FL980	-	LA9 FL601	-
1250	-	-	-	-	-	LA9 F1250

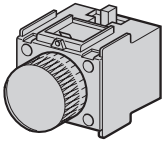
LA DN 10
01



11
LA DN 20
02



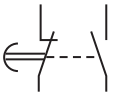
LA DN
LA DC
LA1 DX (1)
DZ (1)
DY (1)



LA DS
LA DT
LA DR

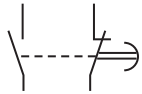
1 "F" (NO)	**LA DN10**
1 "O" (NC)	**LA DN01**
1 "F" + 1 "O" (NO) (NC)	**LA DN11**
2 "F" (NO)	**LA DN20**
2 "O" (NC)	**LA DN02**
2 "F" + 2 "O" (NO) (NC)	**LA DN22**
1 "F" + 3 "O" (NO) (NC)	**LA DN13**
4 "F" (NO)	**LA DN40**
4 "O" (NC)	**LA DN04**
3 "F" + 1 "O" (NO) (NC)	**LA DN31**
2 "F" + 2 "O" (NO) (NC)	**LA DC22**
2 "F" (NO)	**LA1 DX20 (1)**
2 "F" + 2 "F" (NO) (NO)	**LA1 DZ40 (1)**
1 "F" + 1 "O" + 2 "F" (NO) (NC) (NO)	**LA1 DZ31 (1)**
2 "F" (NO)	**LA1 DY20 (1)**

(1) LA1 DX/DY/DZ
Environnement polluant
Dust-tight
Für verschmutzte Umgebung
Ambienti polverosi
Amblente polvoriento
Пылезащищенный
防尘



(NC) (NO)

0,1 ... 3 s	**LA DT0**
0,1 ... 30 s	**LA DT2**
1 ... 30 s	**LA DS2**
10 ... 180 s	**LA DT4**

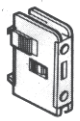


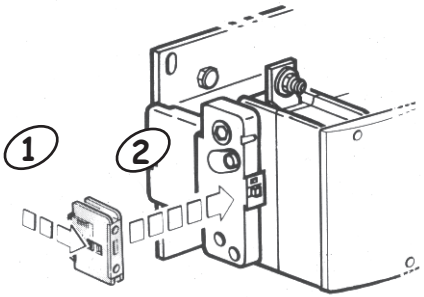
(NO) (NC)

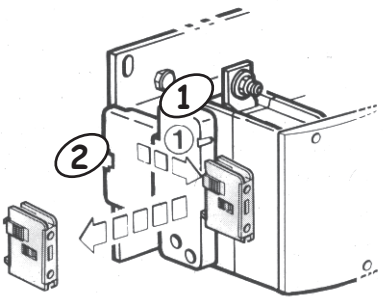
0,1 ... 3 s	**LA DR0**
0,1 ... 30 s	**LA DR2**
10 ... 180 s	**LA DR4**

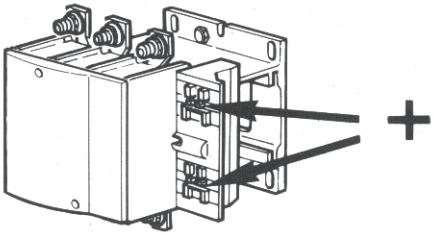
F

LA DN 10
01









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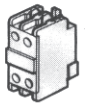
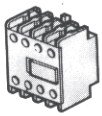
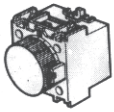


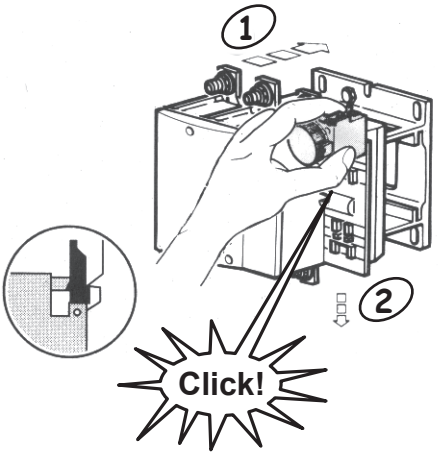
LA DN•

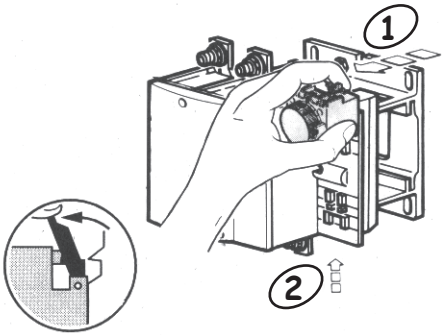


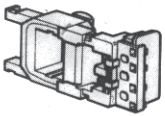
LA DN•
LA DC•
LA1 D•



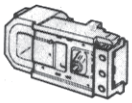
LA DS•
LA DT•
LA DR•





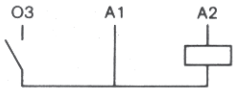


(LC1 F115 ... F225)

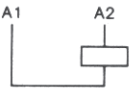


(LC1 F265 ... F1250)

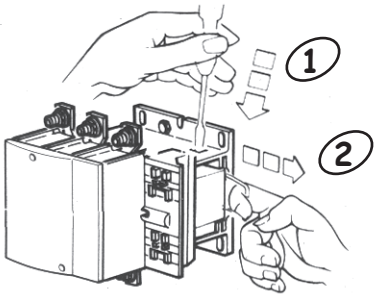
LX1 F•••• ∼

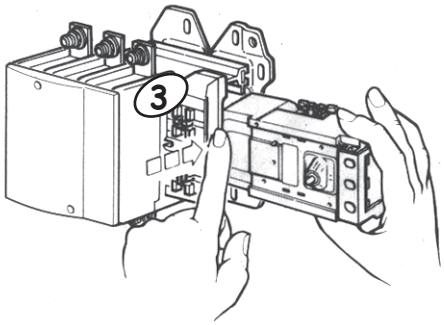


LX9 F•••• ∼
LX1 F8••• ∼ / ⎓
LX4 F•••• ⎓

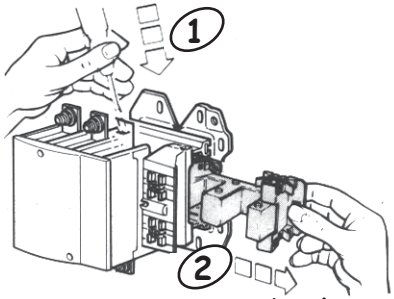


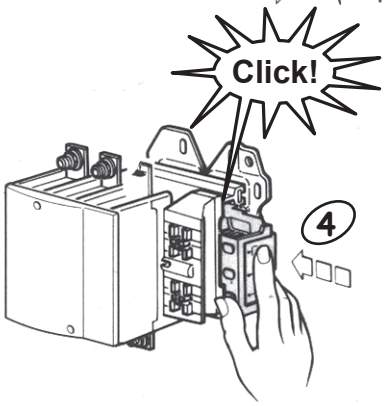
LC1 F115 ... F330



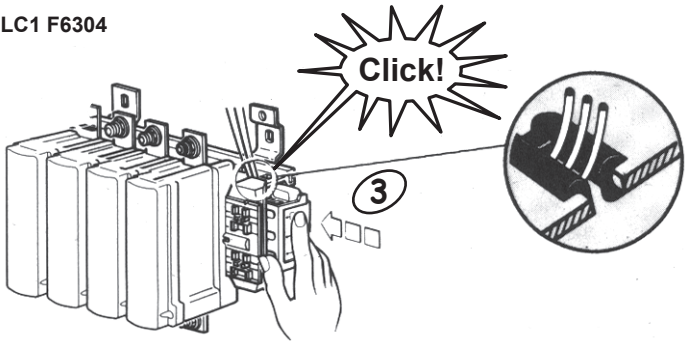


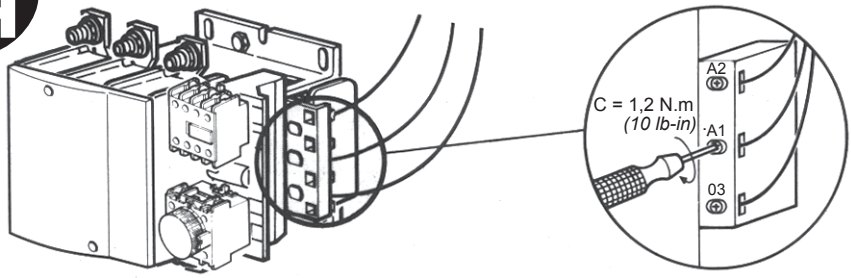
LC1 F400 ... F1250

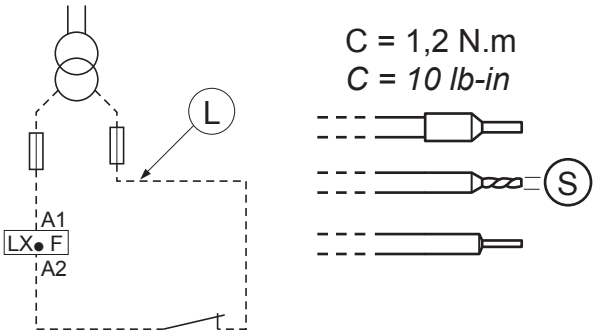




LC1 F6304

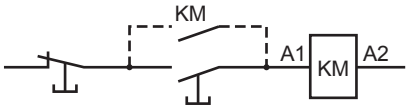




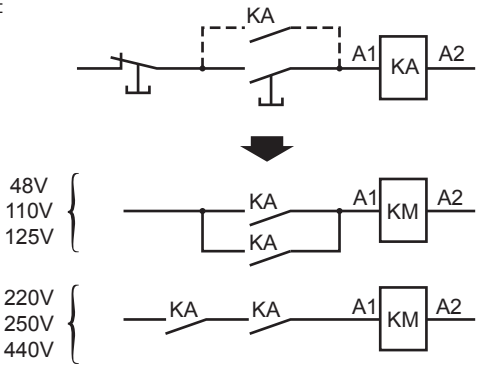


LX1 F ∼
LX8 F8 ∼ / ⎓

LX1 F / LX9 F ∼

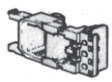


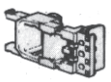
LX4-F
⎓



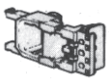
LC1 F115 ... 330		
LX• F ∼ / ⎓	L ≤ ••• m	S ≥ •• mm^2
24V	4 7	2,5 4
48V	10 20 30	1,5 2,5 4
110V	40 60 100 150	1 1,5 2,5 4
220V	150 250 400 600	1 1,5 2,5 4
380V 440V	500 750 1200	1 1,5 2,5

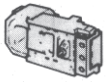
LC1 F400 ... 1250		
LX• F ∼ / ⎓	L ≤ ••• m	S •• mm^2
48V	4 6 10	1,5 2,5 4
110V	15 20 40 60	1 1,5 2,5 4
220V	60 90 150 250	1 1,5 2,5 4
380V 440V	180 270 500	1 1,5 2,5

 ~ 50 Hz	VA (1)	VA (1)	U_n	gG
LC1 F115/F150				
LX1 FF024	550	45	24V	12A
LX1 FF042	"	"	42V	8A
LX1 FF048	"	"	48V	6A
LX1 FF110	"	"	110/115V	4A
LX1 FF127	"	"	127 V	4A
LX1 FF220	"	"	220/230V	2A
LX1 FF240	"	"	240V	2A
LX1 FF380	"	"	380/400V	1A
LX1 FF415	"	"	415/440V	1A
LX1 FF500	"	"	500V	1A
LX1 FF660	"	"	660V	1A
LC1 F185/F225				
LX1 FG024	805	55	24V	16A
LX1 FG042	"	"	42V	8A
LX1 FG048	"	"	48V	8A
LX1 FG110	"	"	110/115V	4A
LX1 FG127	"	"	127 V	4A
LX1 FG220	"	"	220/230V	2A
LX1 FG240	"	"	240V	2A
LX1 FG380	"	"	380/400V	1A
LX1 FG415	"	"	415/440V	1A
LX1 FG500	"	"	500V	1A
LX1 FG660	"	"	660V	1A

 ~ 60 Hz	VA (1)	VA (1)	U_n	gG
LC1 F115/F150				
LX1 FF040	660	55	48V	6A
LX1 FF092	"	"	110V	4A
LX1 FF095	"	"	115/120V	4A
LX1 FF162	"	"	200/208V	2A
LX1 FF184	"	"	220V	2A
LX1 FF187	"	"	230/240V	2A
LX1 FF340	"	"	415V	2A
LX1 FF360	"	"	440V	1A
LX1 FF380	"	"	460/480V	1A
LX1 FF550	"	"	660V	1A
LC1 F185/F225				
LX1 FG040	970	66	48V	10A
LX1 FG092	"	"	110V	6A
LX1 FG095	"	"	115/120V	6A
LX1 FG162	"	"	200/208V	4A
LX1 FG184	"	"	220V	4A
LX1 FG187	"	"	230/240V	4A
LX1 FG340	"	"	415V	2A
LX1 FG360	"	"	440V	2A
LX1 FG380	"	"	460/480V	2A
LX1 FG550	"	"	660V	1A

(1) θ = 20 °C

				
~ 40...400 Hz	VA (1)	VA (1)	U_n	gG

				
~ 40...400 Hz	VA (1)	VA (1)	U_n	gG

LC1 F265/F330				
LX1 FH0482	600 ↕ 700	8 ↕ 10	48V	10A
LX1 FH1102			110/115V	6A
LX1 FH1275			120/127V	6A
LX1 FH2202			220/230V	4A
LX1 FH2402			240V	4A
LX1 FH3802			380/415V	2A
LX1 FH5002			480/500V	2A

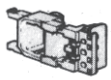
LC1 F500				
LX1 FK048	1050 ↕ 1150	16 ↕ 20	48V	10A
LX1 FK110			110/120V	6A
LX1 FK127			127V	6A
LX1 FK220			220/230V	4A
LX1 FK240			240V	4A
LX1 FK380			380/400V	2A
LX1 FK415			415/480V	2A
LX1 FK500			500V	2A

LC1 F400				
LX1 FJ048	1000 ↕ 1150	12 ↕ 18	48V	10A
LX1 FJ110			110/120V	6A
LX1 FJ127			127V	6A
LX1 FJ220			220/230V	4A
LX1 FJ240			240V	4A
LX1 FJ380			380/400V	2A
LX1 FJ415			415/480V	2A
LX1 FJ500			500V	2A

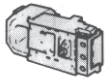
LC1 F630/F1250				
LX1 FL048 (LC1 F630 only)	1500 ↕ 1730	20 ↕ 25	48V	16A
LX1 FL110			110/120V	8A
LX1 FL127			127V	8A
LX1 FL220			220/240V	6A
LX1 FL380			380/400V	4A
LX1 FL415			415/440V	2A
LX1 FL500			500V	2A

LC1 F800					⊣▷⊢
LX4 F8FW	1700	11	110/127V	16A	DR5 TE4U
LX4 F8MW	1700	11	220/240V	6A	DR5 TE4U
LX4 F8QW	1700	11	380/440V	2A	DR5 TE4S

(1) 50/60 Hz, θ = 20 °C



	W	W	U_n	gG
LC1 F115/150				
LX4 FF024	543 ↕ 665	3,94 ↕ 4,83	24V	12A
LX4 FF048			48V	6A
LX4 FF110			110V	4A
LX4 FF125			125V	4A
LX4 FF220			220/230V	2A
LX4 FF440			440/460V	1A
LC1 F185/225				
LX4 FG024	737 ↕ 902	4,13 ↕ 5,07	24V	16A
LX4 FG048			48V	8A
LX4 FG110			110V	4A
LX4 FG125			125V	4A
LX4 FG220			220/230V	2A
LX4-FG440			440/460V	1A
LC1 F265/330				
LX4 FH024	655 ↕ 803	3,68 ↕ 4,53	24V	16A
LX4 FH048			48V	8A
LX4 FH110			110V	4A
LX4 FH125			125V	4A
LX4 FH220			220/230V	2A
LX4 FH440			440/460V	1A
LC1 F800				
LX4 F8FW	1900	10	110/120V	8A
LX4 F8MW	1900	10	220/240V	4A
LX4 F8QW	1900	10	380/400V	2A



	W	W	U_n	gG
LC1 F400				
LX4 FJ048	920 ↕ 1140	4 ↕ 7,5	48V	10A
LX4 FJ110			110V	6A
LX4 FJ125			125V	6A
LX4 FJ220			220V	4A
LX4 FJ250			250V	4A
LX4 FJ440			440V	2A
LC1 F500				
LX4 FK048	990 ↕ 1220	4,5 ↕ 8	48V	10A
LX4 FK110			110V	6A
LX4 FK125			125V	6A
LX4 FK220			220V	4A
LX4 FK250			250V	4A
LX4-FK440			440V	2A
LC1 F630/F1250				
LX4 FL048	1420 ↕ 1920	6,5 ↕ 12,5	48V	16A
LX4 FL110			110V	8A
LX4 FL125			125V	8A
LX4 FL220			220V	4A
LX4 FL250			250V	4A
LX4 FL440 (LC1 F630 only)			440V	2A

~ 40...400 Hz	VA (1)	VA (1)	U_n	gG
LC1 F115/150				
LX9 FF042			42V	10A
LX9 FF048			48V	8A
LX9 FF110	690	6,6	110/115V	4A
LX9 FF127			127V	4A
LX9 FF220			220/230V	2A
LX9 FF240			240V	2A
LX9 FF380	855	8,1	380/400V	2A
LX9 FF415			415/440V	1A
LX9 FF500			500V	1A

~ 40...400 Hz	VA (1)	VA (1)	U_n	gG
LC1 F185/225				
LX9 FG042			42V	16A
LX9 FG048			48V	10A
LX9 FG110	950	8,9	110/115V	6A
LX9 FG127			127V	6A
LX9 FG220			220/230V	4A
LX9 FG240			240V	4A
LX9 FG380	1180	10,9	380/400V	2A
LX9 FG415			415/440V	2A
LX9 FG500			500V	2A

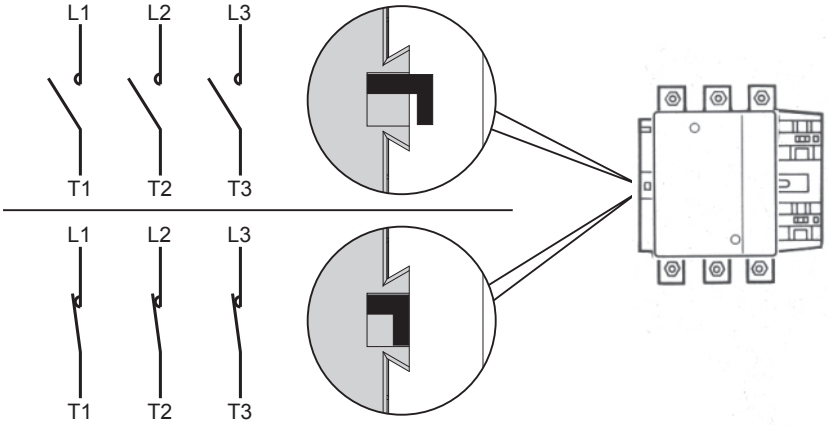
(1) 50/60 Hz, θ = 20 °C

The following products meet the Energy Efficiency requirements.
The power consumption and the Energy Efficiency grades are:
以下型号产品符合能效要求，产品的吸持功率和能效等级分别如下：

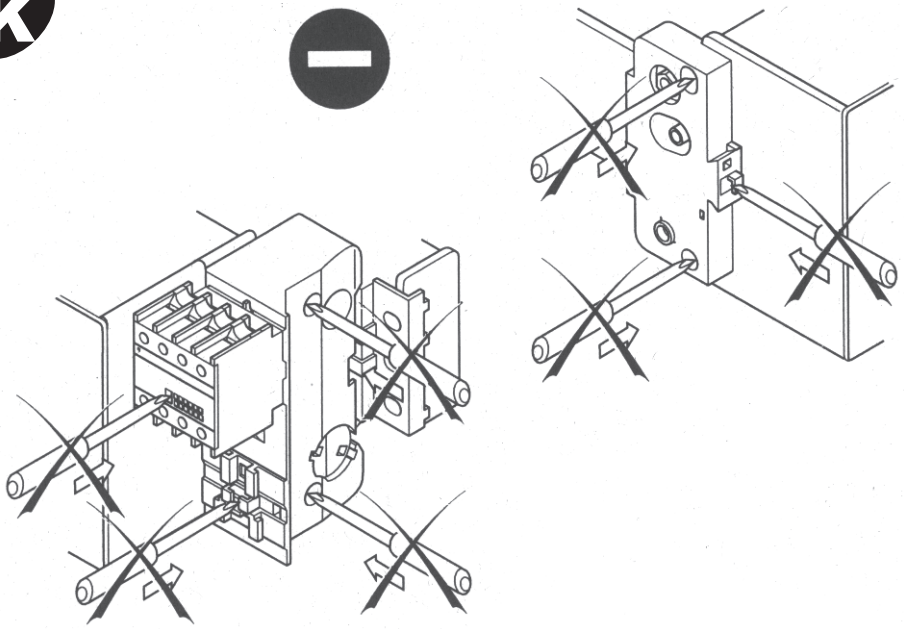
Product Type 产品型号	LC1F115 LC1F150	LC1F185 LC1F225 LC1F265 LC1F300 LC1F400 LC1F500 LC1F630 LC1F1250
Maximum power consumption lower than 最大吸持功率低于 (VA)	51.3	91.2
Energy efficiency grade 能效等级	2	2

	200V - 208V	220V - 240V	460V - 480V	575V - 600V	SCCR	Type J Fuse Ampacity Maximum
Contactor	HP	HP	HP	HP	KA	A
LC1F115	30	40	75	100	100	200
CR1F150/LC1F150	40	50	100	125	100	200
CR1F185/LC1F185	50	60	125	150	100	400
CR1F265/LC1F265	60	75	150	200	100	600
LC1F330	75	100	200	250	100	600

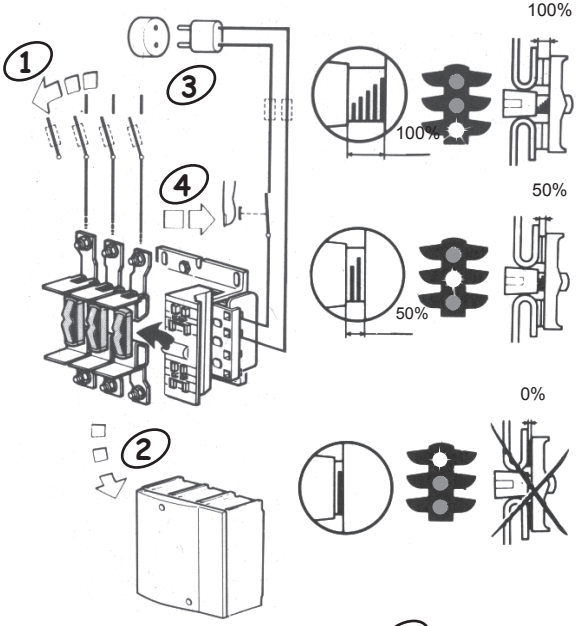
J



K



Contrôle d'usure des contacts
Contact wear indicator
Prüfung der Abnutzung der Kontakte
Controllo dello stato di usura dei contatti
Control del desgaste de los contactos
Индикатор износа контакта
触点磨损指示器



■ Le noircissement des contacts et des boitiers d'arc est un phénomène naturel qui n'altère pas le fonctionnement de l'appareil.

■ The blackening of the contacts and the arc-boxes is a naturel consequence which occurs during normal operation,and does not effect the functionning of the product.

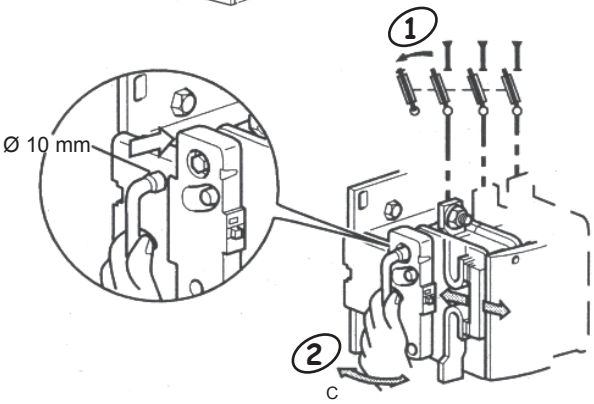
■ Die Schwärzung an den Kontakten und in der Lichtbogenkammer ist ein normales Phänomen und hat keine Auswirkungen auf die Funktionsweise des Gerätes.

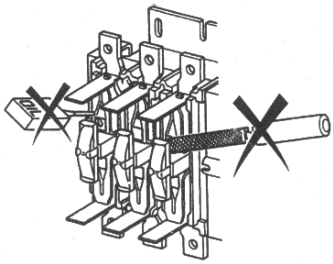
■ L'annerimento dei contatti e delle camere spegni-arco è un fenomeno naturale che non altera il funzionamento del l'apparecchio.

■ El ennegrecimiento de los contactos y de las cámaras de arco es un fenómeno natural que no altera el funcionamiento del aparato.

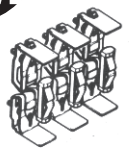
■ Почернение контактов и корпусов дуги является естественным последствием нормальной работы и не влияет на функционирование изделия.

■ 触点和电弧室变黑属正常操作中的正常现象，对产品运行无任何影响。

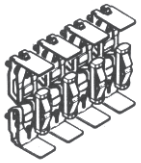




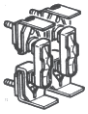
C (maxi / макс. / 最大) = 10 N.m (*88.5 lb-in*) for LC1F115...F225



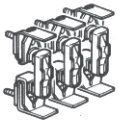
LA5 FF431 (F115/F150)
LA5 FG431 (F185/F225)
LA5 FH431 (F265)



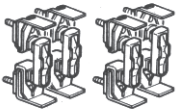
LA5 FF441 (F1154/F1504)
LA5 FG441 (F1854/F2254)
LA5 FH441 (F2654)



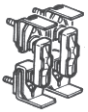
LA5 F400802 (F4002)
LA5 F500802 (F5002)



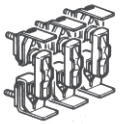
LA5 F400803 (F330/F400)
LA5 F500803 (F500)



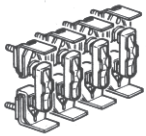
LA5 F400804 (F3304/F4004)
LA5 F500804 (F5004)



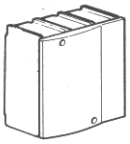
LA5 F630802 (F6302)



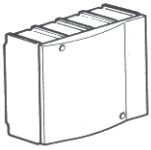
LA5 F630803 (F630)
LA5 F800803 (F800)



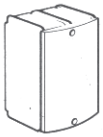
LA5 F630804 (F6304)



LA5 F11550 (F115)
LA5 F15050 (F150)
LA5 F18550 (F185)
LA5 F22550 (F225)
LA5 F26550 (F265)



LA5 F115450 (F1154)
LA5 F150450 (F1504)
LA5 F185450 (F1854)
LA5 F225450 (F2254)
LA5 F265450 (F2654)



LA5 F400250 (F4002)
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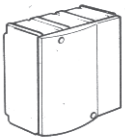

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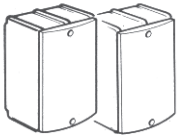

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LA5 F400450 (F4004)
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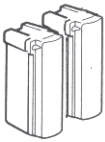

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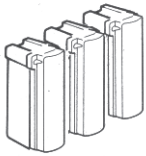

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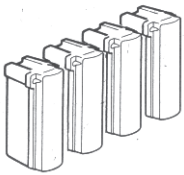
LA5 F125050 (F1250)



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