

Certification Record

CUSTOMER	CLASS	FILE NUMBER
Telemecanique/Schneider Electric Industries SAS 31 rue Pierre Mendes-France, Eybens France 38320	3211-24 INDUSTRIAL CONTROL EQUIPMENT- Motor Controllers-Magnetic	043364_S_000

- Non-combination magnetic Motor Controller and associated modules, Series TeSys Model U.
 - Motor Starters Cat. N° LUB followed by 12 or 32, may be followed by 0, may be followed by NR, may be followed by 0 or 00.
 - Reversing Motor Starters, Cat. N° LU2BS followed by 12, 32, A0 or B0, followed by one or two letters.
 - Control Units Cat. N° LUCA, LUCB, LUCD, LUCC, LUCM followed by a letter and a digit or by a digit and a letter or by two digits, followed by one or two letters.
 - Reverser blocks Cat. N° LU2M followed by 32 or B0, followed by one or two letters.
 - Side reverser blocks Cat. N° LU6M followed by 32 or B0, followed by one or two letters.
 - Contacts modules Cat. N° LUFN followed by two digits.
 - Contacts modules CA. N° LUA1C followed by two digits.
 - Contacts modules Cat. N° LUA8E20.
 - EMC filter Cat. No. LUA4F11 (single filter) and LUA4F12 (inverter filter).
 - Visualization module Cat. N° LUFV2.
 - Alarm module Cat. N° LUFW10.
 - Parallel wiring module Cat. N° LUFC00.
 - AS-i communication module Cat. N° ASILUFC5 and ASILUFC51.
 - Modbus communication module Cat. N° LULC031, LULC032 and LULC033.
 - Communication modules Cat N° LULC08 and LULC15
 - Profibus Communication module LULC07
 - Profibus bus splitter LU9GC7
 - DeviceNet communication module LULC09
 - Parallel bus splitters Cat. N° LU9G02 and LU9GC3.
 - Modules of thermal overload fault signaling Cat. N°. LUFD followed by a letter followed by two digits.
 - Control removable connections Cat. N° LU9 followed by one or two letters, followed by one or two digits or by one letter and a digit.
 - Control pre-wired accessories Cat. N° LU9 followed by one or two letters, followed by one or two digits or by one letter and a digit, followed by C.
 - Door interlock mechanisms Cat. N° LU9AP00, LU9AP11 and LU9AP12.

Maximum ratings hp (may be rated less)

Cat. No.	Three phase (hp)	Single phase (hp)	Continuous Current (A)
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LU/ LU2	200-208V	220-240V	415V	480V	600V	120V	240V	
B12	3	3	5	7.5	10	1/2	2	12
B32	10	10	15	20	25	2	5	32.2
LU B 32NR	7.5	7.5	10	10	10	2	3	27
LU B 32NR00	1.5	1.5	1.5	2	2	1/3	1	9
LU B 32NR0	3	3	3	5	5	1	2	18

Suitable for Group Installation

Auxiliary Contacts

-for LU B: B600-P150

-for LU2M and LU6M: B300-P300

Contacts modules:

- Cat.No. LUFN...: B300-Q300

- Cat. No. LUA8E20: B600-P150

- Cat. No. LUA1c.: C300-R300

General Note: The open type devices are Certified as components of other equipment where the suitability of the combination is determined by CSA International.

- 3 poles Contactor, Model LC1F, followed by four digit number, may be followed by additional suffix letters or numbers. Operating coil: 110Vac to 500Vac maximum (except 600Vac maximum for LC1F1250), from 110Vdc to 440Vdc maximum (except 48Vdc to 250Vdc maximum for LC1F1250), 50-60Hz; Maximum AC General Use rating 2600A at 600Vac.

T-adapter for horizontal bus bar connection, Model LA9F2100, LA9F1250, LA9F2600.

LC1F1000: FLA: 1000A max. at 480Vac max.

Notes:

1. These devices are open type intended for bus bar power connection magnetically operated contactors rated 600Vac max. 50/60 Hz with ac or dc coils. Installation as per manufacturer instruction sheet including clearances values.
 2. Model LA9F2100 is a T-adapter accessory intended to be used with Models LC1F1000, LC1F1400, LC1F1700 or LC1F2100 to provide horizontal bus bar power connection.
 3. Model LA9F1250 is a T-adapter accessory intended to be used with Model LC1F1250 to provide horizontal bus bar power connection.
 4. Excepted for LC1F1000, these devices are certified with current rating in open enclosure (without cover). The temperature rise in closed enclosure is subject to investigation in the end product application.
 5. Model LA9F2600 is a T-adapter accessory intended to be used with Model LC1F2600 to provide horizontal bus bar power connection.
- AC reversing contactors, d.c. coil operated, Types LP2-D09, -D12, -D16, -D18, -D25, -D32, -D40, -D50, -D65, -D80, Types LC2-D40, LC2-D50, LC2-65, LC2-D80, open types, 3 or 4 poles, 600V max, 60 hp max, 110A max, operating coil 600V dc or less

Electric heating control rating: Resistive - Break all lines (NO only):

Models	Voltage	Current	Cycles
LC2-D40	600V	80A	250,000
LC2-D50	600V	80A	250,000
LC2-D65	600V	80A	250,000
LC2-D80	600V	110A	250,000

Note: Optional High fault ratings on LC2-D80: Maximum 100kA RMS at 480V when protected by thermal-magnetic circuit breaker having an interrupting rating not less than 100kA rms symmetrical amperes at 480V rated not more than 150A.

- 3 poles Contactor, Model LC1D and 3 poles reversing contactor LC2D, followed by 40, 50, 65 or 80, followed by A, may be followed by 3 or 6, may be followed by 5, followed by a two or three alpha-numeric digits.

3 poles Nema rated Contactor Model LC1D50ANR, followed by 0, 1 or 2, followed by two or three alpha-numeric digits.

Operating coil 600Vac maximum, 440Vdc maximum, 50-60Hz; Maximum 3 phases rating 50hp at 600Vac; High short-circuit rating with Class J fuses: 100kA max at 600Vac max. High short-circuit rating with Thermo-Magnetic Circuit Breaker : 100kA at 480Vac, 50kA at 600Vac.

Electric heating control rating: Resistive - Break all lines (NO only):

Models	Voltage	Current	Cycles
LC1/ LC2D40	600V	80A	250,000
LC1 / LC2D50	600V	80A	250,000
LC1 / LC2D65	600V	80A	250,000
LC1 / LC2D80	600V	80A	250,000

- Rating for refrigeration control:

Device	LRA 240V	LRA 480V	LRA 600V	Cycles
LC1D40	240	200	160	6000
LC1D50	300	250	200	6000
LC1D65	390	325	260	6000
LC1D80	390	325	260	6000

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Special rating for LC1D40 and LC1D80

Tungsten: 60A, 600Vac

Ballast: 60A, 600Vac

Elevator Duty: 5Hp max. at 240Vac max., 1 phase ; 10Hp max. at 240Vac max, 3 phases

Special rating for LC1D50

Tungsten: 70A, 600Vac

Ballast: 70A, 600Vac
Elevator Duty: 7.5Hp max. at 240Vac max., 1 phase ; 30Hp max. at 600Vac max, 3 phases

Special rating for LC1D65
Tungsten: 70A, 600Vac
Ballast: 80A, 600Vac
Elevator Duty: 10Hp max. at 240Vac max., 1 phase ; 30Hp max. at 600Vac max, 3 phases.

3 poles Contactor, Model T02DN13 and 3 poles reversing contactor Model T02DN23, 2 Hp max. at 120Vac, 1 phase; 7.5Hp max. at 208/240Vac and 10 Hp max. at 480/600Vac, 3phases.

4 poles Contactor, Model LC1DT followed by 60 or 80, followed by A, may be followed by 3 or 6, may be followed by 5, followed by a two or three alpha-numeric digits. Operating coil 600Vac maximum, 440Vdc maximum, 50-60Hz; General use 80A max. at 600Vac max.

Mechanical Interlock catalogue number LAD4CM
Set of line and load connecting busbars catalogue number LA9D65A69.
Reversing Kit catalogue number LAD9R3 (Model LAD4CM + Model LA9D65A69)
Kit for Power Supply Switching catalogue number LAD9R3S
Side Mounting Auxiliary Adaptor kit catalogue number LAD4BB3
Busbars Kit catalogue number GV3S
Connector Assembly Kit for Ring Lug Connections catalogue number LAD96566
Safety cover for ring tongue terminal, 4 poles catalogue number LAD96580
Busbar kit for 4 poles contactors, catalogue number LAD65A70

Notes:

1. These devices are open type, magnetically operated contactors and reversing contactors rated 600 Vac max. 50/60 Hz with ac or dc coils and contactors accessories. These accessories are mechanical interlock, reversing bus bars kit, reversing kit, kit for power supply switching, mounting auxiliary adaptor, S shaped bus bars to connect side by side these contactors with the Model GV3 Self Protected Manual Motor Controller, connector assembly kits for ring tongue lug connections, safety cover for ring tongue terminals for 3 and 4 poles devices. They are provided with an auxiliary contact normally opened (NO) or normally closed (NC) rated A600, P600.
2. Model LC1D40A, LC1D50A, LC1D65A and LC1D80A: Suitable for group installation when used in combination with Schneider Electric / Telemecanique Manual Motor Controller GV3P40, GV3P50 and GV3P65 and protected by 300A max. fuses or circuit breaker at 50 000 rms symmetrical amperes maximum at 480Y/277V or 25 000 rms symmetrical amperes maximum at 600Y/347V.
3. Optional High fault ratings for models LCxDyyA: Maximum 100kA RMS at 480V when protected by thermal-magnetic circuit breaker having an interrupting rating not less than 100kA rms symmetrical amperes at 480V, rated not more than 110 Amps. Where x can be replaced by 1 or 2 and yy can be replaced by 40, 50 or 60. Also applies to model LC1D50ANR.

4. Optional High fault ratings for models LC1Dyy: Maximum 100kA RMS at 600V when protected by Class J fuses having an interrupting rating not less than 100kA rms symmetrical amperes at 600V, rated not more than 125 Amps. Where yy can be replaced by 40, 50 or 60.
5. Optional High fault ratings for models LCxDyyA: Maximum 50kA RMS at 600V when protected by thermal-magnetic circuit breaker having an interrupting rating not less than 50kA rms symmetrical amperes at 600V, rated not more than 110 Amps. Where x can be replaced by 1 or 2 and yy can be replaced by 40, 50 or 60. Also applies to model LC1D50ANR.
6. Contactors Models LC1D40, LC1D50, LC1D65 and LC1D80 have been tested for refrigeration rating suitable for part winding motor to 30 000 cycles at Full load current (FLA) and Lock rotor current (LRA) for simultaneously energized controllers.

Device	240V		480V		600V	
	FLA	LRA	FLA	LRA	FLA	LRA
LC1D40	40	240	40	200	40	160
LC1D50	50	300	50	250	50	200
LC1D65	65	390	65	325	52	208
LC1D80	65	390	65	325	52	208

7. Contactors Models LC1D40, LC1D50 and LC1D65 have been tested to 100,000 cycles for Full Load current endurance test at those full load current (FLA) for Make and Break.

Device	FLA	FLA Cycles
LC1D40	40	100 000
LC1D50	50	100 000
LC1D65	65	100 000
LC1D80	65	100 000

- AC contactors, d.c. coil operated, Types LP2-D09, -D12, -D16, -D18, -D25, -D32, -D40, -D50, -D65, -D80, Types LC2-D40, LC2-D50, LC2-65, LC2-D80, open types, 3 or 4 poles, 600V max, 60 hp max, 110A max, operating coil 600V dc or less.

Note: Optional High fault ratings on LC2-D80: Maximum 100kA RMS at 480V when protected by thermal-magnetic circuit breaker rated not more than 150A.

- D.C. coil operated contactors Types LP1-D40, -D50, -D65, -D80 and LC1-D40, D50, D65, D80.

Electric heating control rating: Resistive - Break all lines (NO only):

Models	Voltage	Current	Cycles
LC1-D40	600V	80A	250,000
LC1-D50	600V	80A	250,000
LC1-D65	600V	80A	250,000
LC1-D80	600V	110A	250,000

Special rating for LC1D80

Tungsten: 100A, 480Vac, 3 phases wye

Ballast: 100A, 600Vac, 1 phase; 100A, 600Vac, 3 phases wye.

Rating for refrigeration control:

Device	FLA	LRA 240V	LRA 480V	LRA 600V	FLA Cycles	LRA cycle
LC1D40	40	240	200	160	30 000 *	6000
LC1D50	50	300	250	200	30 000 *	6000
LC1D65	65	390	325	260	30 000 *	6000
LC1D80	80	480	400	320	30 000 *	6000

*As manufacturer's option, the contactors Models LC1D40, LC1D50, LC1D65 and LC1D80 have been further tested to 100,000 cycle FLA endurance after LRA overload test.

Optional High fault ratings for model LC1-D80:

Maximum 100kA RMS at 480V when protected by thermal-magnetic circuit breaker having an interrupting rating not less than 100kA RMS symmetrical amperes at 480Vac, rated not more than 150 Amps.

Maximum 50kA RMS at 600V when protected by thermal-magnetic circuit breaker having an interrupting rating not less than 50kA RMS symmetrical amperes at 600 Vac, rated not more than 175 Amps.

Optional High fault ratings for model LC1-D40, -D50, -D65:

Maximum 100kA RMS at 480V when protected by thermal-magnetic circuit breaker having an interrupting rating not less than 100kA RMS symmetrical amperes at 480Vac, rated not more than 110 Amps.

Maximum 50kA RMS at 600V when protected by thermal-magnetic circuit breaker having an interrupting rating not less than 50kA RMS symmetrical amperes at 600 Vac, rated not more than 110 Amps.

- Magnetic Contactors, three or four poles, Cat. Nos. LC1 D115, LC1 D150, LC2 D115, LC2 D150 followed by digits, rated 600Vac max, 125 hp max, 160A max continuous current; Connecting means Cat. Nos. LA9 D11550 and D11560; Mechanical Interlock, Cat. Nos. LA9 D11502; Power Connections Kits for Horizontal mounting reversing Controller, Cat. Nos. LA9 D115 followed by suffixes.

Electric heating control rating: Resistive - Break all lines (NO only):

Models	Voltage	Current	Cycles
LC1-D115	600V	160A	250,000
LC1-D150	600V	160A	250,000
LC2-D115	600V	160A	250,000
LC2-D150	600V	160A	250,000

- Special rating for LC1D115 and LC2D115
Tungsten: 115A, 480Vac, 3 phases wye
Ballast: 115A, 600Vac, 1 phase; 115A, 600Vac, 3 phases wye

Special rating for LC1D150 and LC2D150
Tungsten: 150A, 480Vac, 3 phases wye
Ballast: 150A, 600Vac, 1 phase; 150A, 600Vac, 3 phases wye

Note:

- Optional High fault ratings: Maximum 100kA RMS at 480V when protected by a circuit breaker having an interrupting rating not less than 100kA rms symmetrical amperes at 480V, rated not more than 250 Amps.

2. Optional High fault ratings: Maximum 50kA RMS at 600V when protected by a circuit breaker having an interrupting rating not less than 50kA rms symmetrical amperes at 600V, rated not more than 250 Amps.
- Contactors, LC1-D40, LC1-D50, LC1-D65, LC1-D80 and LC1-D95, 600V ac and less, 60 hp max – 3 ph, 15 hp, 1 ph, Coil: 600Vac max, 50/60Hz
Electric heating control rating: Resistive - Break all lines (NO only):

Models	Voltage	Current	Cycles
LC1-D80	600V	110A	250,000

- Special rating for LC1D80
Tungsten: 100A, 480Vac, 3 phases wye
Ballast (break all lines): 100A, 600Vac, 1 phase; 100A, 600Vac, 3 phases wye

Rating for refrigeration control:

Device	FLA	LRA 240V	LRA 480V	LRA 600V	FLA Cycles	LRA cycle
LC1-D40	40	240	200	160	30 000 *	6000
LC1-D50	50	300	250	200	30 000 *	6000
LC1-D65	65	390	325	260	30 000 *	6000
LC1-D80	80	480	400	320	30 000 *	6000

*As manufacturer's option, the contactors Models LC1-D40, LC1-D50, LC1-D65 and LC1-D80 have been further tested to 100,000 cycle FLA endurance after LRA overload test.

Notes:

1. Suitable for Group Installation when used in combination with Telemecanique manual motor controller GV2-.. or GV3-.. and protected by fuses or circuit breakers.
2. Optional High Fault Short Circuit ratings for LC1- D40, -D50, -D65, -D80, -D95: Maximum 100kA RMS at 480V when protected by thermal-magnetic circuit breaker having an interrupting rating not less than 100kA rms symmetrical amperes at 480V d not greater than 110 A for LC1-D40, -D50, -D65 or 150A for LC1-D80, -D95.
3. Designation: Tesys offer Cat. No. LC1-D40, LC1-D50, LC1-D65, LC1-D80 and LC1-D95 followed or not by 6 or 004 or 008, followed by the coil voltage code composed by a suffix letter and a digit, may be followed by a letter. May be followed by the suffix S335 Example : LC1- D40004G7M , LC1-D80G7S335.
4. Optional High Fault Short Circuit ratings for LC1-D40, D-50, -D65, -D80, -D95: Maximum 50kA RMS at 600V when protected by thermal-magnetic circuit breaker having an interrupting rating not less than 50kA rms symmetrical amperes at 600V d not greater than 110 A for LC1-D40, -D50, -D65 or 175A for LC1-D80, -D95.
- AC Contactors and reversing contactors, rated 600V ac max, 3 ph, 25 hp max, 52A thermal current max, operating coil 600V max, 50/60Hz or 575V dc max, auxiliary contact A600-P600 - continuous current 10A. Cat. No. LC1D, LC2D and DPE, 09 to 38, followed by two digit numbers may be followed by one digit number, followed by one, two or three letters, may be followed by a digit number, may be followed by -S335 or -S207. Cat Nos. T02AN13, T02BN13, T02CN13,T02AN23, T02BN23,and T02CN23 followed by one or two letters, may be followed by a digit number. AC contactors, 4 pole version, Cat. No LC1DT and LC2DT a.c. and d.c. coils devices, DT20 to DT40, followed by two digit numbers

may be followed by one digit number, followed by one or two letters, may be followed by a digit number, may be followed by -S335 or -S207. Cat. No LC1D a.c. and d.c. coils devices, followed by two digit numbers, followed by 8, may be followed by one digit number, followed by one or two letters, may be followed by a digit number, may be followed by -S335 or -S207. Kits for reversing contactors Cat. NE LAD9R1V and LAD9R1. Kits Cat. N° LADT9R1V and LADT9R1 for reversing contactors LC2DT. Kit Cat. N° LADT3R1 for reversing contactor Cat. N° LC2DT203.

Electric heating control rating: Resistive - Break all lines (NO only):

Models	Voltage	Current	Cycles
LC1-D09	600	25	250,000
LC1-D12	600	25	250,000
LC1-D18	600	32	250,000
LC1-D25	600	40	250,000
LC1-D32	600	52	250,000
LC1-D38	600	52	250,000

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- Rating for refrigeration control:

Type	FLA	LRA 240V	LRA 480V	LRA 600V	FLA Cycles	LRA Cycle
LC1 D09	9 A	54 A	45 A	36 A	30 000 *	6000
LC1 D12	12	72	60	48	30 000 *	6000
LC1 D18	18	108	90	72	30 000 *	6000
LC1 D25	25	150	125	100	30 000 *	6000
LC1 D32	32	192	160	128	30 000 *	6000

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- *As manufacturer's option, the contactors Models marked have been further tested to 100,000 cycle FLA endurance after LRA overload test.
- Suitable for Group Installation
 Cat. No. LC1D.3. and LC2.3. are provided with spring force terminal suitable for field wiring, suffix 3.
 Cat. No. LC1D.9. and LC2.9. are provided with Faston quick connectors, suffix 9.
 Cat. Nos. T02AN13 and T02BN13 are identical to the cat no. LC1D25 except that they are marked with different ratings.
 Cat Nos. T02A023 and T02BN23 are identical to cat no. LC2D25 except that they are marked with different ratings.
 Cat Nos. T02CN13 and T02CN23 are identical to the cat nos. LC1D32 and LC2D32, respectively, except that they are marked with different ratings.

Auxiliary contacts rating: A600 - P600 Continuous current: 10A
 Coil ratings: 600V a.c. maximum - 600V d.c. maximum

Special rating for LC1D09 and LC1DT20
Tungsten: 20A, 480V ac, 3 phases wye
Ballast: 20A, 600V ac, 1 phase; 20A, 600V ac, 3 phases wye

Special rating for LC1D12 and LC1DT25
Tungsten: 25A, 480V ac, 3 phases wye
Ballast: 25A, 600V ac, 1 phase; 25A, 600V ac, 3 phases wye

Special rating for LC1D18 and LC1DT32
Tungsten: 25A, 480V ac, 3 phases wye
Ballast: 32A, 600V ac, 1 phase; 32A, 600V ac, 3 phases wye

Special rating for LC1D25 and LC1DT40
Tungsten: 40A, 480V ac, 3 phases
Ballast: 40A, 600V ac, 1 phase; 40A, 600V ac, 3 phases wye

Special rating for LC2D25
Tungsten: 25A, 480V ac, 1 phase
Ballast: 25A, 480V ac, 1 phase

Special rating for LC1D32
Tungsten: 30A, 480V ac, 1 phase; 50A, 480V ac, 3 phases wye
Ballast: 30A, 480V ac, 1 phase; 600V ac, 1 phase; 50A, 600V ac, 3 phases wye

Special rating for LC2D32
Tungsten: 30A, 480V ac, 1 phase
Ballast: 30A, 480V ac, 1 phase

Notes:

1. Optional High Fault Short Circuit ratings for models DPE09, LC.D09, DPE12, LC.D12, DPE18: Maximum 85kA RMS at 480V when protected by thermal-magnetic circuit breaker having an interrupting rating not less than 100kA rms symmetrical amperes at 480V d not greater than 35Amps.
 2. Optional High Fault Short Circuit ratings for LC.D18, DPE25, LC.D25, DPE32, LC.D32, DPE38, LC.D38 : Maximum 85kA RMS at 480V when protected by thermal-magnetic circuit breaker having an interrupting rating not less than 100kA rms symmetrical amperes at 480V d not greater than 60Amps.
 3. Optional High Fault Short Circuit ratings for models DPE09, LC.D09, DPE12, LC.D12, DPE18, LC.D18, DPE25: Maximum 50kA RMS at 600V when protected by thermal-magnetic circuit breaker having an interrupting rating not less than 50kA rms symmetrical amperes at 600V d not greater than 35Amps.
 4. Optional High Fault Short Circuit ratings for LC.D25, DPE32, LC.D32, DPE38, LC.D38 : Maximum 50kA RMS at 600V when protected by thermal-magnetic circuit breaker having an interrupting rating not less than 50kA rms symmetrical amperes at 600V d not greater than 60Amps.
- AC mini-contactors and reversing contactors, Series K, Types LC1K, LC2K, LC7K, LC8K (ac coil), LP1K, LP2K, LP4K, LP5K (dc coil), rated 600V ac max, 3

ph, 10 hp max, 20A thermal current maximum, 10A thermal current maximum for spring force connection version.

- AC electric heating application for contactors, Series K, Types LC1K, LC7K, LP1K, LP4K, 20A, 600V max, 250,000 operations, single phase and three phase.
- DC resistive application, Type LC1K09, 14A, 24V max, two sets of parallel connected contacts, interrupting both sides of the line.
Provided with clamp and screw terminal or spring force connections, suitable for field installation.

Notes:

1. Optional High Fault Short Circuit ratings for model LC1K06: Maximum 100kA RMS at 600V when protected by Class J or CC fuses having an interrupting rating not less than 100kA rms symmetrical amperes at 600V d not greater than 25Amps.
 2. Optional High Fault Short Circuit ratings for models LC1K09 and LC1K12: Maximum 100kA RMS at 600V when protected by Class J or CC fuses having an interrupting rating not less than 100kA rms symmetrical amperes at 600V d not greater than 30Amps.
 3. Optional High Fault Short Circuit ratings for models LC1K06, LC1K09 and LC1K12: Maximum 65kA RMS at 480V when protected by thermal-magnetic circuit breaker having an interrupting rating not less than 65kA rms symmetrical amperes at 480V d not greater than 20Amps.
 4. Optional High Fault Short Circuit ratings for models LC1K06, LC1K09 and LC1K12: Maximum 25kA RMS at 600V when protected by thermal-magnetic circuit breaker having an interrupting rating not less than 25kA rms symmetrical amperes at 600V d not greater than 20Amps.
- Control relays Type CA2-KN, CA3-KN, CA4-KN, and CAK followed by S335 or S207 operating coil 600V max, 50/60Hz or 250V dc max
 - Overload relay adaptors, LA7-D1064, LA7-D2064, LA7-3064., LA7D-3058
 - Magnetic contactors Models LC1 followed by F115, F150, F185, F225, F330, F265, F400, F500, F630, F780, and F800, Models T02XN13 where 'X' may be replaced by E, F, G, H, or J, and Reversing contactors Types LC2F and LE2F and accessories, interlocks, power connections and connectors Type LA9F, 3 or 4 poles, 900 hp max, 1350A max, coil voltage 600V max ac/dc.

Special ratings for LC1F185

Tungsten: 200A, 480V ac, 3 phases wye

Ballast: 200A, 600V ac, 1 phase; 200A, 600V ac, 3 phases wye

Special rating for LC1F265

Tungsten: 265A, 480V ac, 3 phases wye

Ballast: 265A, 600V ac, 1 phase; 265A, 600V ac, 3 phases wye

- Series CR1F AC latched contactors, permanent magnet coil, 600V ac or less, 50/60Hz, CR1F150, F185, F265, F400, F500 and F630, 600V ac max, 800 hp max, 1000A max.

Note:

1. **ADDITIONAL SHORT CIRCUIT RATINGS**
The following devices are additionally qualified for high fault ratings as shown.

	Maximum Wire 75 deg C / Copper	SCCR	Type J Fuse Ampacity Maximum
Contactor	AWG	kA	(A)
LC1 F115	2/0	100	200
CR1-F150/LC1 F150	3/0	100	200
CR1-F185/LC1 F185	3/0	100	400
CR1-F265/LC1 F265	300	100	600
LC1 F330	500	100	600

2. LC2 reverser type for the contactors in the list are also cover.
3. The types of enclosures that can be used are Type 1(non ventilated), 12, 3, 3R, 4 or 4X
 - The following contactors are suitable for a Maximum Short Circuit Current Rating of 65,000 A at 480 V when protected by a Magnetic Only or a Thermal-Magnetic circuit breaker rated not more than shown in the table below.

TeSys F 3Pole/4Pole/Magnetic Latching/TeSys N with or without lug kit	Max. Voltage (V)	Max. SCCR (A)	Max. Circuit Breaker Ampacity (A)
LC1F115*/T02EN13	480 V	65,000 A	200 A
LC1F150*/CR1F150*/T02FN13	480 V	65,000 A	250 A
LC1F185*/CR1F185*	480 V	65,000 A	250 A

Notes:

1. "*" Can include three or four pole contactor.
2. LC2 reverser type for the contactors in the list are also cover.
3. The types of enclosures that can be used are Type 1(non ventilated), 12, 3, 3R, 4 or 4X.
 - Auxiliary block for capacitor switching, catalogue number LC1D, followed by B, C, F, G, L, M, P, T, followed by K. Application fitted on LC1-D Type contactors. Coil voltage range is 24Vac minimum, 440Vac maximum.

Auxiliary contacts: A600, Q600
Rated: 50kVARmax. at 600Vac

- Contactors, Types LC1- DWK
Auxiliary contacts:
On contactor: A600 P600
On Auxiliary Block: A600, Q600
Rated: 80kVAR max. at 600Vac for captive switching (100,000 cycles).