



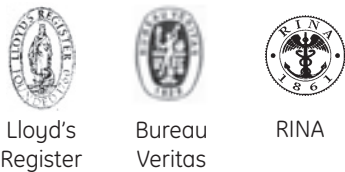
### Three and four pole contactors 9 to 105A (AC3) 25 to 140A (AC1)

- Control circuit: Alternating current up to 690V  
Direct current up to 440V
- Terminal numbering in accordance with EN 50005 and EN 50012
- Fixing by clipping onto 35mm DIN rail EN 50022-35 or by screws
- Screws protected against accidental contact in accordance with VDE 0106 T.100, VBG4.
- Ring terminal version
- Three coil terminals
- Mounting possibilities of front/side instantaneous auxiliary contact blocks, timed auxiliary contact blocks, mechanical latch, transient suppressor block and interface modules.
- Degree of protection: IP20 to CL00 ... CL02  
IP10 to CL25 ... CL10
- Maximum number of auxiliary contacts: 4 for CL00 ... CL25  
6 for CL04 ... CL45  
8 for CL06 ... CL10

#### Standards

IEC/EN 60947-1	CSA 22.2/14
IEC/EN 60947-4-1	NFC 63-110
IEC/EN 60947-5-1	ASE 1025
EN 50005	VDE 0660/102
UL 508	CENELEC HD 419
NEMA ICS 1	
BS 5424 & 775	

#### Approvals



- Order codes ● pg. C.11
- Auxiliary contact blocks ● pg. C.15
- Accessories ● pg. C.16
- Technical data ● pg. C.31
- Terminal numbering ● pg. C.39
- Dimensions ● pg. C.52

#### Standard voltages

To complete the catalogue number, replace the symbol ♦ by the code corresponding to the voltage and frequency of the control circuit.

##### Alternating current (V). Dual-frequency coil

♦	1	2	9	3	4	5	6	7	13	8	15
AC	24	42	48	110	120	220	230	240	400	440	480
50/60Hz				115							

##### Alternating current (V).

♦	E	K	L	N	T	U	W	Y	Z
AC	32	127		220		380	415	500	660
50Hz				230		400		690	
AC			208	277	380	480	460	600	
60Hz									

##### Direct current (V)

For contactors type CL...D / Operating limits: 0.80 ... 1.10 x Us

♦	B	D	E	F	G	H	I	J	K	N	P	R	T	X
Voltage	12	24	36	42	48	60	72	110	120	220	230	240	250	440
										125				

Coil with electronic module for contactors CL...E (can also be used with alternating current)

♦	D	F	H	J	N	Y
Voltage	24	42	60	110	220	440
	28	48	72	125	250	

##### Direct current (V). Coil with wide voltage range (0.70 ... 1.30 x Us)

For contactors type CL...D

♦	WB	WD	WE	WF	WG	WH	WI	WJ	WK	WN	WP	WR	WT	WX
DC	12	24	33	42	48	60	72	110	125	220	230	240	250	440

Maximum number of add-on auxiliary contact blocks:

CL00D...CL02D : 2NO or 1NC  
CL03D...CL45D : 1NO and 1NC  
CL05D...CL10D : 4NO or 2NC  
CL05E...CL10E : 4 cont. aux.

##### Coil with electronic module for contactors CL...E

♦	WD	WE	WF	WH	WJ	WN
Voltage	24	33	48	72	110	220

Different auxiliary contact configurations, contact us.



Three pole contactors. Screw terminal

Max.oper.current Non-inductive load AC1 A	Motors <440V, 3 ~ 50/60Hz AC3 A	Admissible power AC3				Electrical endurance Cat. AC3 Operations	Aux. contacts		Control circuit: Alternating current		Control circuit: Direct current		Control circuit: Coil with electronic module (AC/DC)	
		220V 230V	380V 400V	415V 440V	500V		.3  .4	.1 .2	Cat. no. (1)	Pack (3)	Cat. no. (1)	Pack (3)	Cat. no. (1)	Pack (3)
25	9	2.2 3	4 5.5	4 5.5	5.5 7.5	2x10 <sup>6</sup>	0 1 0	0 0 1	CL00A300T♦ CL00A310T♦ CL00A301T♦	5 5 5		CL00D310T♦ CL00D301T♦	10 10	
25	12	3 4	5.5 7.5	5.5 7.5	7.5 10	2x10 <sup>6</sup>	0 1 0	0 0 1	CL01A300T♦ CL01A310T♦ CL01A301T♦	5 5 5		CL01D310T♦ CL01D301T♦	10 10	
32	18	4 5.5	7.5 10	7.5 10	10 13.5	1.7x10 <sup>6</sup>	0 1 0	0 0 1	CL02A300T♦ CL02A310T♦ CL02A301T♦	5 5 5		CL02D310T♦ CL02D301T♦	10 10	
45	25	7.5 10	11 15	11 15	15 20	1.2x10 <sup>6</sup>	0 1 0	0 0 1	CL25A300T♦ CL03A300M♦ CL03A310M♦ CL03A301M♦	5 10 10 10		CL25D300T♦ CL03D310M♦ CL03D301M♦	10 10 10	
45	25	7.5 10	12 16	12 16	15 20	2x10 <sup>6</sup>	0 1 0	0 0 1	CL03A300M♦ CL03A310M♦ CL03A301M♦	10 10 10		CL03D310M♦ CL03D301M♦	10 10	
60	32	9 12	16 22	16 22	18.5 25	2x10 <sup>6</sup>	0 1 0	0 0 1	CL04A300M♦ CL04A310M♦ CL04A301M♦	10 10 10		CL04D310M♦ CL04D301M♦	10 10	
60	40	11 15	18.5 25	22 30	25 34	2x10 <sup>6</sup>	0 1	0 1	CL45A300M♦ CL45A311M♦ (2)	10 10		CL45D300M♦	10	
90	50	15 20	22 30	25 34	30 40	1.8x10 <sup>6</sup>	0 1	0 1	CL06A300M♦ CL06A311M♦ (2)	1 1		CL06D300M♦	1	CL06E300M♦ 1
110	65	18.5 25	30 40	37 50	40 55	1.7x10 <sup>6</sup>	0 1	0 1	CL07A300M♦ CL07A311M♦ (2)	1 1		CL07D300M♦	1	CL07E300M♦ 1
110	80	22 30	37 50	45 60	45 60	1.5x10 <sup>6</sup>	0 1	0 1	CL08A300M♦ CL08A311M♦ (2)	1 1		CL08D300M♦	1	CL08E300M♦ 1
140	95	25 34	45 60	50 68	55 75	1.7x10 <sup>6</sup>	0 1	0 1	CL09A300M♦ CL09A311M♦ (2)	1 1		CL09D300M♦	1	CL09E300M♦ 1
140	105	30 40	55 75	55 75	65 88	1.5x10 <sup>6</sup>	0 1	0 1	CL10A300M♦ CL10A311M♦ (2)	1 1		CL10D300M♦	1	CL10E300M♦ 1
Spare coils						CL00 - CL25	LB1A ♦		5	LB1D ♦	5			
						CL03 - CL45	LB3A ♦		5	LB3D ♦	5			
						CL06 - CL10	LB4A ♦		5	LB4D ♦	1			
						coil + electronic module CL06E - CL10E						LB4E ♦	1	

- (1) To complete the catalogue number, replace the symbol ♦ by the code corresponding to the voltage and frequency of the control circuit (see C.10).
- (2) Equipped with two blocks BCLF
- (3) Multipack, see C.9

For reference numbers, see chapter X, pg. X.6



3P and 4P contactors

A

B

C

D

E

F

G

H

I

X