

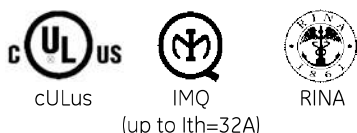
Three and four pole contactors 9 to 105A (AC3) 25 to 140A (AC1)

- 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 CL03 ... CL10

Standards/Marking

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



Standard voltages

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

AC Coils (V)

-	1	2	9	J	K	L	6	7	N	U	Y
50/60Hz	24	42	48	110			220-230	240			
50 Hz					127					380-400	500
60Hz				120		208			277	480	600

DC Coils

-	B	D	G	H	J	K	N	T
Voltage	12	24	48	60	110	120-125	220	250

Operating voltage limits with bifrequency coils:

With 60Hz = 0.85 to 1.1 x Us

With 50Hz = 0.8 to 1.1 x Us in continuous service (ED = 100%) with a maximum ambient temperature of 40°C

DC Wide Range Coils

-	WD	WE	WG	WI	WJ	WN
Voltage	24	33	48	72	110	220

AC/DC Coils

-	D	WH	J	N
Voltage	24-28	63-85	110-125	220-250

Operating voltage limits with DC coils:

Standard = 0.8 to 1.1 x Us

Wide Range = 0.7 to 1.3 x Us

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- Auxiliary contact blocks [page A.45](#)
- Accessories [page A.45](#)
- Technical data [page A.93](#)
- Terminal numbering [page A.101](#)
- Dimensions [page A.124](#)



Three pole contactors. Screw terminal

Max.oper.current Non- inductive load AC1 A	Motors <480V, 3 ~ 50/60Hz AC3 A	Admissible power AC3				Electrical endurance Operations	Aux. contacts		Control circuit: Alternating current		Control circuit: Direct current		Control circuit: Coil with electronic module (AC/DC)	
		220- 240V	380- 415V	440- 480V	690V		Cat. AC3	•3	•1	Cat. no. (1)	Pack ⁽³⁾	Cat. no. (1)	Pack ⁽³⁾	Cat. no. (1)
25	9	2.2 3	4 5	- 5	5.5 -	2x10 ⁶	1 0	0 1	Ref. no. see bottom		Ref. no. see bottom		Ref. no. see bottom	
									CL00A310T♦	5	CL00D310T♦	10	-	-
									CL00A301T♦	5	CL00D301T♦	10	-	-
25	12	3 3	5.5 7.5	- 7.5	7.5 -	2x10 ⁶	1 0	0 1	Ref. no. see bottom		Ref. no. see bottom		Ref. no. see bottom	
									CL01A310T♦	5	CL01D310T♦	10	-	-
									CL01A301T♦	5	CL01D301T♦	10	-	-
32	18	4 5.5	7.5 10	- 10	10 -	1.7x10 ⁶	1 0	0 1	Ref. no. see bottom		Ref. no. see bottom		Ref. no. see bottom	
									CL02A310T♦	5	CL02D310T♦	10	-	-
									CL02A301T♦	5	CL02D301T♦	10	-	-
45	25	7.5 7.5	11 15	- 15	15 -	1.2x10 ⁶	0 0	0 0	Ref. no. see bottom		Ref. no. see bottom		Ref. no. see bottom	
									CL03A300T♦	5	CL03D300T♦	10	-	-
60	32	9 10	15 15	- 20	18.5 -	2x10 ⁶	1 0	0 1	Ref. no. see bottom		Ref. no. see bottom		Ref. no. see bottom	
									CL04A310M♦	10	CL04D310M♦	10	-	-
									CL04A301M♦	10	CL04D301M♦	10	-	-
60	50	15 15	22 30	- 30	30 -	0.8x10 ⁶	0 0	0 0	Ref. no. see bottom		Ref. no. see bottom		Ref. no. see bottom	
									CL05A300M♦	10	CL05D300M♦	10	-	-
110	65	18.5 20	30 40	- 40	45 -	1.7x10 ⁶	0 0	0 0	Ref. no. see bottom		Ref. no. see bottom		Ref. no. see bottom	
									CL07A300M♦	1	CL07D300M♦	1	CL07E300M♦	1
110	80	22 25	37 50	- 50	45 -	1.5x10 ⁶	0 0	0 0	Ref. no. see bottom		Ref. no. see bottom		Ref. no. see bottom	
									CL08A300M♦	1	CL08D300M♦	1	CL08E300M♦	1
140	95	25 30	45 60	- 60	55 -	1.7x10 ⁶	0 0	0 0	Ref. no. see bottom		Ref. no. see bottom		Ref. no. see bottom	
									CL09A300M♦	1	CL09D300M♦	1	CL09E300M♦	1
140	105	30 40	55 75	- 75	65 -	1.5x10 ⁶	0 0	0 0	Ref. no. see bottom		Ref. no. see bottom		Ref. no. see bottom	
									CL10A300M♦	1	CL10D300M♦	1	CL10E300M♦	1
Spare coils						CL00-CL03	LB1A ♦		5	LB1D ♦	5	-		
						CL04-CL05	LB3A ♦		5	LB3D ♦	5	-		
						CL07-CL10	LB4A ♦		5	LB4D ♦	1	-		
						coil + electronic module CL07E-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 page A.42).

Order codes

Intro

A

B

C

D

E

F

G

H

I

X

