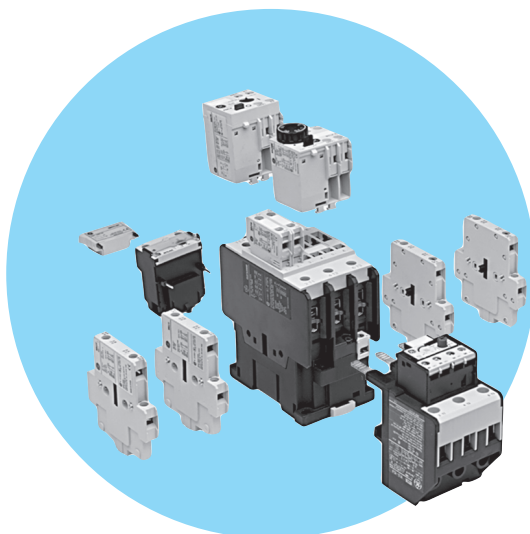
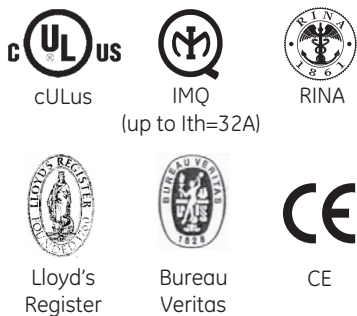




Standards/Marking

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



(Contact GE for details)

- Order codes ● page A.9
- Auxiliary contact blocks ● page A.11
- Accessories ● page A.11
- Technical data ● page A.30
- Terminal numbering ● page A.38
- Dimensions ● page A.50

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

Standard voltages

To complete the catalogue number, replace the symbol ♦ 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				220-230	240			
50 Hz				110-115	127					380-400	500
60Hz				110-120		208			277	480	600

Operating voltage limits with bifrequency coils:

With 60Hz = 0.85 to $1.1 \times U_s$

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

DC Coils

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

DC Wide Range Coils

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

Operating voltage limits with DC coils:

Standard = 0.8 to $1.1 \times U_s$

Wide Range = 0.7 to $1.3 \times U_s$

AC/DC Coils

-	WD	WH	WJ	WU
Voltage	24-60	48-130	100-250	250-500

Operating voltage limits with AC/DC coils:

Standard = 0.8 to $1.1 \times U_s$

Three pole contactors. Screw terminal*

	Max.oper.current		Admissible power				Electrical endurance	Aux. contacts		Control circuit: Alternating current		Control circuit: Direct current		Control circuit: Coil with electronic module (AC/DC)	
	Non-inductive load	Motors <480V, 3 ~ 50/60Hz	AC3					Cat. AC3 Operations	.3 .4	.1 .2	Cat. no. ⁽¹⁾ Pack ⁽³⁾	Cat. no. ⁽¹⁾ Pack ⁽³⁾	Cat. no. ⁽¹⁾ Pack ⁽³⁾		
	AC1 A	AC3 A	kW HP	kW HP	kW HP	kW HP									
	25	9	2.2 3	4 5	- 5	5.5 -	2×10 ⁶	1 0	0 1	CL00A310T◆ CL00A301T◆	5 5	CL00D310T◆ CL00D301T◆	10 10	- -	
	25	12	3 3	5.5 7.5	- 7.5	7.5 -	2×10 ⁶	1 0	0 1	CL01A310T◆ CL01A301T◆	5 5	CL01D310T◆ CL01D301T◆	10 10	- -	
	32	18	4 5.5	7.5 10	- 10	10 -	1.7×10 ⁶	1 0	0 1	CL02A310T◆ CL02A301T◆	5 5	CL02D310T◆ CL02D301T◆	10 10	- -	
	45	25	7.5 7.5	11 15	- 15	15 -	1.2×10 ⁶	0 0	0 0	CL03A300T◆	5	CL03D300T◆	10	-	
	60	32	9 10	15 15	- 20	18.5 -	2×10 ⁶	1 0	0 1	CL04A310M◆ CL04A301M◆	10 10	CL04D310M◆ CL04D301M◆	10 10	- -	
	60	50	15 15	22 30	- 30	30 -	0.8×10 ⁶	0 0	0 0	CL05A300M◆	10	CL05D300M◆	10	-	
	110	65	18.5 20	30 40	- 40	45 -	1.7×10 ⁶	0 0	0 0	CL07A300M◆	1	CL07D300M◆	1	CL07E300M◆	
	110	80	22 25	37 50	- 50	45 -	1.5×10 ⁶	0 0	0 0	CL08A300M◆	1	CL08D300M◆	1	CL08E300M◆	
	140	95	25 30	45 60	- 60	55 -	1.7×10 ⁶	0 0	0 0	CL09A300M◆	1	CL09D300M◆	1	CL09E300M◆	
	140	105	30 40	55 75	- 75	65 -	1.5×10 ⁶	0 0	0 0	CL10A300M◆	1	CL10D300M◆	1	CL10E300M◆	

(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.8).

(*) Only available order codes listed in the alphabetical index

Four pole contactors. Screw terminal*

 	Max.oper.current		Admissible power AC1				Electrical endurance	Power contacts		Control circuit: Alternating current		Control circuit: Direct current		Control circuit: Coil with electronic module (AC/DC)		
	Non-inductive loads		220V 230V	380V 400V	415V 440V	500V		Cat. AC1 Operations			Control circuit: Alternating current		Control circuit: Direct current		Control circuit: Coil with electronic module (AC/DC)	
											Cat. no. ⁽¹⁾	Pack ⁽²⁾	Cat. no. ⁽¹⁾	Pack ⁽²⁾	Cat. no. ⁽¹⁾	Pack ⁽²⁾
AC1 A	AC3 A	kW	kW	kW	kW					Ref. no. see bottom		Ref. no. see bottom		Ref. no. see bottom		
25	12	9.5	16.5	18	21.5	1.5×10 ⁶	4	0	CL01A400T♦	5	CL01D400T♦	10	-			
32	18	12	22	23	27.5	1.5×10 ⁶	4	0	CL02A400T♦	5	CL02D400T♦	10	-			
							0	4	CL02AA00T♦ ⁽³⁾	5	CL02DA00T♦ ⁽³⁾	10	-			
45	25	17	29	32	39	2×10 ⁶	4	0	CL03A400M♦	10	CL03D400M♦	10	-			
60	32	22.5	39.5	43	52	1.5×10 ⁶	4	0	CL04A400M♦	10	CL04D400M♦	10	-			
90	50	34	59	64	78	1.5×10 ⁶	4	0	CL05A400M♦	1	CL05D400M♦	1	CL05E400M♦	1		
110	65	42	72.5	79	95	1.8×10 ⁶	4	0	CL07A400M♦	1	CL07D400M♦	1	CL07E400M♦	1		
140	95	53	92	100	121	1.8×10 ⁶	4	0	CL09A400M♦	1	CL09D400M♦	1	CL09E400M♦	1		

(*) Only available order codes listed in the alphabetical index

	Max.oper.current		Admissible power				Power contacts		Control circuit: Alternating current		Control circuit: Direct current		Control circuit: Coil with electronic module (AC/DC)	
	Non-inductive loads	Motors <440V, 3~ 50/60Hz AC3 A	AC3						Cat. no. ⁽¹⁾	Pack ⁽²⁾	Cat. no. ⁽¹⁾	Pack ⁽²⁾	Cat. no. ⁽¹⁾	Pack ⁽²⁾
			220V 230V	380V 400V	415V 440V	500V								
	AC1			kW HP	kW HP	kW HP	kW HP			Ref. no. see bottom	Ref. no. see bottom	Ref. no. see bottom		
	25	12	3 4	5.5 7.5	5.5 7.5	7.5 10	2	2	CL01AB00T♦	5	CL01DB00T♦	5	-	
	32	18	4 5.5	7.5 10	7.5 10	10 13.5	2	2	CL02AB00T♦	5	CL02DB00T♦	5	-	
	45	25	7.5 10	12 16	12 16	15 20	2	2	CL03AB00M♦	10	CL03DB00M♦	10	-	
	60	32	9 12	16 22	16 22	18.5 25	2	2	CL04AB00M♦	10	CL04DB00M♦	10	-	
	90	50	11 15	18.5 25	22 30	25 34	2	2	CL05AB00M♦	1	CL05DB00M♦	1	CL05EB00M♦	1
	110	65	18.5 25	30 40	37 50	40 55	2	2	CL07AB00M♦	1	CL07DB00M♦	1	CL07EB00M♦	1
	110	80	22 30	37 50	45 60	45 60	2	2	CL08AB00M♦	1	CL08DB00M♦	1	CL08EB00M♦	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.8).

(2) Multipack, see page A.9

(3) CL02_A... (4 N.C contacts) have no possibility of adding auxiliary contacts blocks.

Auxiliary contact blocks

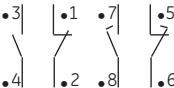
Instantaneous		Number of contacts	Contacts				Type	Time	Cat. no.	Ref. no.	Pack
 Frontal mounting	Terminal: screw										
	1	1	0	0	0			BCLF10	104700	10	
	1	0	1	0	0			BCLF01	104701	10	
	1	0	0	1	0			BCLF10G	104702	10	
	1	0	0	0	1			BCLF01G	104703	10	
 Side mounting	Terminal: screw										
	2	2	0	0	0			BCLL20	104706	10	
	2	1	1	0	0			BCLL11	104707	10	
	For combinations of more than 4 front-mounted and 2 side-mounted auxiliary contact blocks										
	2	2	0	0	0			BRLL20	104704	10	
	2	1	1	0	0			BRLL11	104705	10	
	2	0	2	0	0			BRLL02	106622	10	
Pneumatic timer											
 Front mounting	Terminal: screw										
	2	0	0	1	1	Delay ON	0.1 - 30 sec.	BTLF30C	104709	10	
	2	0	0	1	1	Delay ON	1 - 60 sec.	BTLF60C	104710	10	
	2	0	0	1	1	Delay OFF	0.1 - 30 sec.	BTLF30D	104711	10	
	2	0	0	1	1	Delay OFF	1 - 60 sec.	BTLF60D	104712	10	
	Terminal: ring terminal										
	2	0	0	1	1	Delay ON	0.1 - 30 sec.	BTRF30C	108903	10	
	2	0	0	1	1	Delay ON	1 - 60 sec.	BTRF60C	108904	10	
	2	0	0	1	1	Delay OFF	0.1 - 30 sec.	BTRF30D	108905	10	
	2	0	0	1	1	Delay OFF	1 - 60 sec.	BTRF60D	108906	10	
Seaking cover protection for pneumatic timer								BTLFX	113001	5	

Accessories

		Number of contacts	Contacts				For use with:	Cat. no. ^[1]	Ref. no.	Pack
 Interlock	Mechanical	-	-	-	-	-	CL00 ... CL10	BELA	104723	5
	Mech./ electrical	2	0	2	-	-	CL00 ... CL10	BELA02	104724	5

Mechanical latch blocks



Number of contacts	Contacts	For use with:	Cat. no. ⁽¹⁾	Ref. no.	Pack
					
Frontal mounted to the contactor		CL00 ... CL10	RMLFD	112992	
			RMLFG	112993	
			RMLFJ	112994	
			RMLFN	112995	
			RMLFU	112996	

◆	D	G	J	N	U
50Hz	24, 32	42, 48	110, 115, 120, 127	220, 230, 240	380, 400, 415, 440, 480
60Hz	24, 32	48, 60	110, 115, 120, 127	208, 220, 240, 277	380, 400, 415, 440, 480
DC	24, 32, 36	42, 48	110, 120, 125	220, 230, 240, 250	440

Transient voltage suppressor block



For use with	Type	Control circuit	Ue	Cat. no.	Ref. no.	Pack.
Fixation to the coil terminals, that allows simultaneous use with the auxiliary contact blocks.						
CL00 ... CL05A3	R/C	AC	12V ... 48V	BSLR2G	104713	10
CL00 ... CL05A3	R/C	AC	50V ... 127V	BSLR2K	104714	10
CL00 ... CL05A3	R/C	AC	130V ... 250V	BSLR2R	104715	10
CL05A4, CL06 ... CL10A	R/C	AC	12V ... 48V	BSLR3G	104716	10
CL05A4, CL06 ... CL10A	R/C	AC	50V ... 127V	BSLR3K	104717	10
CL05A4, CL06 ... CL10A	R/C	AC	130V ... 250V	BSLR3R	104718	10
CL ... D	Diode	DC	12V ... 600V	BSLDZ	104719	10
CL00 ... CL10	Varistor	AC / DC	24V ... 48V	BSLV3G	104720	10
CL00 ... CL10	Varistor	AC / DC	50V ... 127V	BSLV3K	104721	10
CL00 ... CL10	Varistor	AC / DC	130V ... 250V	BSLV3R	104722	10
CL00 ... CL10	Varistor	AC / DC	277V ... 500V	BSLV3U	110836	10

Electronic timer module



For use with	Control circ.	Type	Time	Cat. no.	Ref. no.	Pack.
Fixation to the coil terminals, that allows simultaneous use with the auxiliary contact blocks.						
CL00 ... CL10	24-250V AC/DC	delay ON	0.1 - 2 sec.	BETL02C	113602	5
CL00 ... CL10	24-250V AC/DC	delay ON	1.5 - 45 sec.	BETL45C	113603	5
CL00 ... CL10	24-250V AC/DC	delay OFF	0.1 - 2 sec.	BETL02D	113604	5
CL00 ... CL10	24-250V AC/DC	delay OFF	1.5 - 45 sec.	BETL45D	113605	5

Identification

For use with			Cat. no.	Ref. no.	Pack.
CL00 ... CL10	Sheets of labels (sheets of 260 labels each)		EAT 260	100548	1
CL00 ... CL10	Labelling plate base (50 pieces in one pack)		SPR	100549	1
CL04			PTP04	113850	8
CL05 3...			PTP45	113851	6
CL05 4... ... CL08			PTP08	113852	8
CL09 ... CL10			PTP10	113853	8

Wiring kits for reversing starters



Description	For use with contactor	AC / DC	Cat. no.	Ref. no.	Pack.
Suitable to be used with link modules	CL00.., CL01.., CL02..	AC / DC	WKLI02P	101422	1
Upper and lower connections without overload relays					