

Series M-CL-CK

Contactors and thermal overload relays
Contacteurs et relais thermiques



Auxiliary contactors / Contacteurs auxiliaires

	Ui	V	660	1000
	Ith	A	16	20
	max.	mm²	2 x 2.5	2 x 6
A600	120V	Ie	A	6
AC15 / AC11	220/230V	A	6	10
	380/400V	A	4	6
	415/440V	A	3	5
	500V	A	2.5	4
	660/690V	A	1.5	2
P600	24V	Ie	A	5
DC13 / DC11	48V	A	3.5	4
	110V	A	1.2	2
	220V	A	0.6	0.7
	440V	A	0.35	

Symbol	Model	Model
	MCR A040T	RLAR A040T
	MCR C040T	RLAR D040T
	MCR A031T	RLAR A031T
	MCR C031T	RLAR D031T
	MCR A022T	RLAR A022T
	MCR C022T	RLAR D022T
	MCR A013AT	
	MCR A004AT	RLAR A004T
	MBO A	LB1 A
	MBO C	LB1 D

Auxiliary contact blocks / Blocs contacts auxiliaires

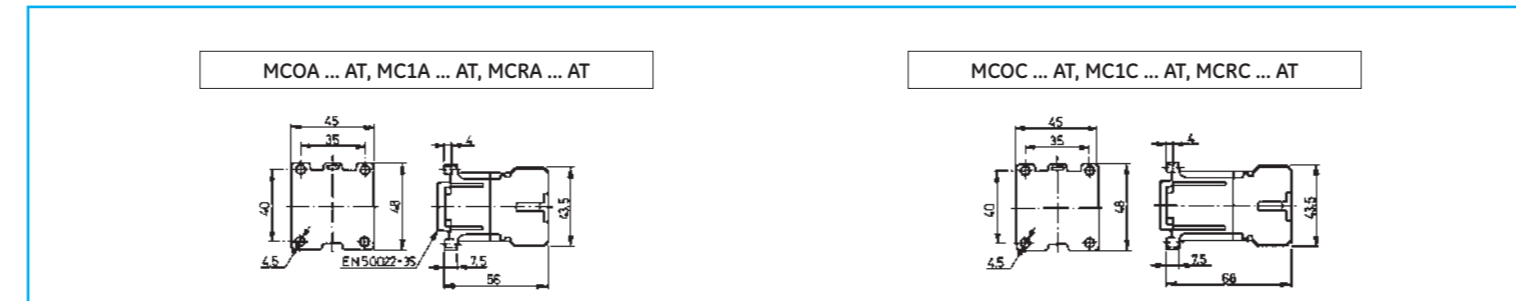
FRONT MOUNTED / MONTAGE FRONTAL	NO	NC/NF	Model	Terminal	Model
	2	0	MARN 220 AT	3 NO	BCLF 10
	1	1	MARN 211 AT	4 NC	BCLF 01
	0	2	MARN 202 AT	5	
	4	0	MARN 440 AT	6	
	3	1	MARN 431 AT	7 NO	BCLF 10G
	2	2	MARN 422 AT	8 NC	BCLF 01G
	1	3	MARN 413 AT	9	
	0	4	MARN 404 AT	10	
SIDE MOUNTED / MONTAGE LATÉRAL	NO	NC/NF	Model	Terminal	Model
	1	0	MARL 110 AT	2	BRLL 20
	0	1	MARL 101 AT	1	BRLL 11
EXTENSION BLOCKS, side mounted / BLOCS D'EXTENSION, montage latéral	NO	NC/NF	Model	Terminal	Model
	1	0	MARL 110 ATS		
	0	1	MARL 101 ATS		

Coils / Bobines

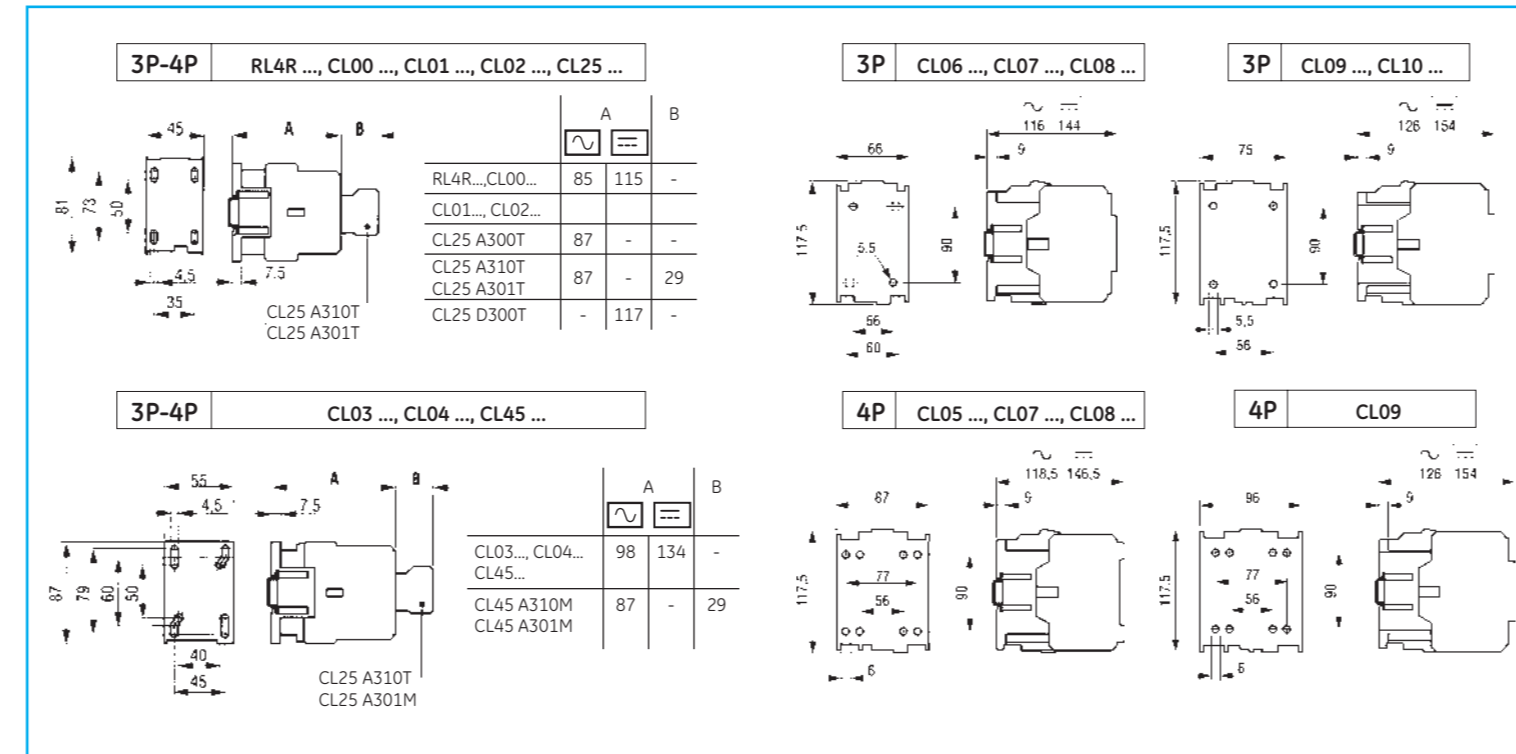
M-RL	A	E ^m	E	G ^m	H	K	L	N	U	W	Y	Z					
50 Hz	32	24	48	127	220	380	415	500	660	690							
60 Hz	6	110	36	42	48	60	72	110	120	125	125	125					
M-RL	A ^m	B	D	C ^m	E	F	G	H	I	J	K	X ^m	R	S ^m	X ^m	16 ^m	
DC	6	12	24	32	36	42	48	60	72	110	120	120	125	220	230	240	250
M-RL	10 ^m	1	2	9	3	4	5	6	7	12 ^m	13	8	13 ^m				
50/60 Hz	12	24	42	48	110	120	220	230	240	380	400	440	480				
M-RL	W ^m	W ^m	W ^m	W ^m	W ^m	W ^m	W ^m	W ^m	W ^m	W ^m	W ^m	W ^m	W ^m	W ^m	W ^m	W ^m	
DC wide range	12	24	33	48	42	48	72	60	72	110	125	220	230	240	250	440	

(1) Only RL (2) Only M

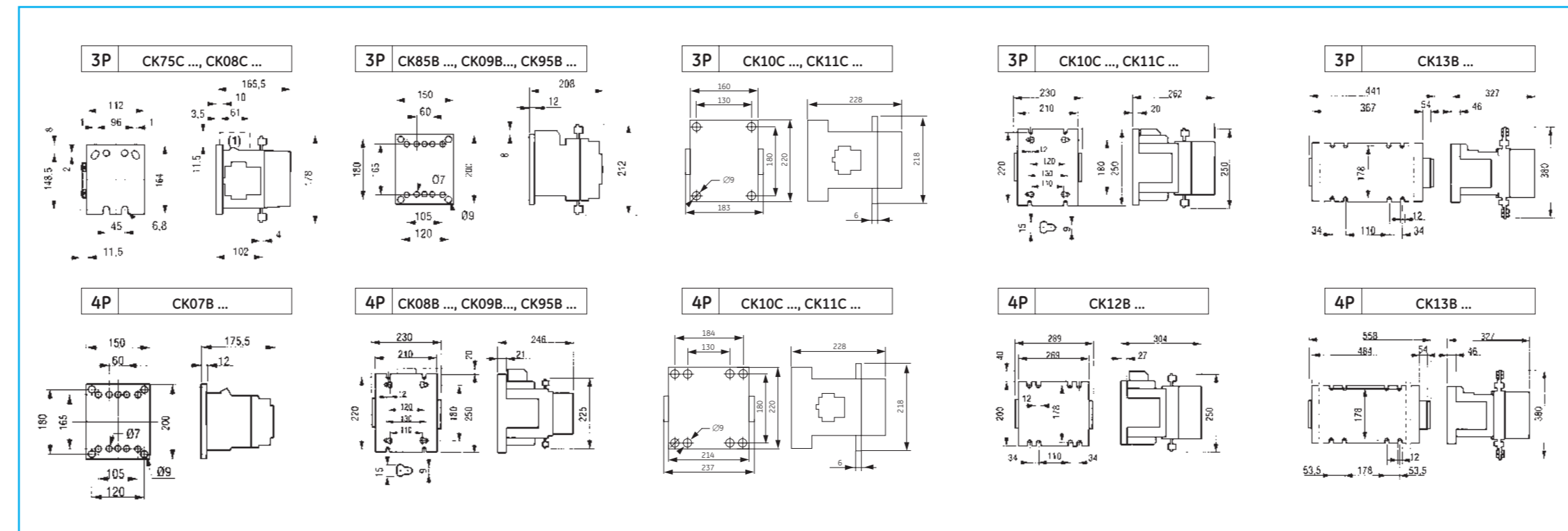
Series M - Mini-contactors / Série M - Minicontacteurs



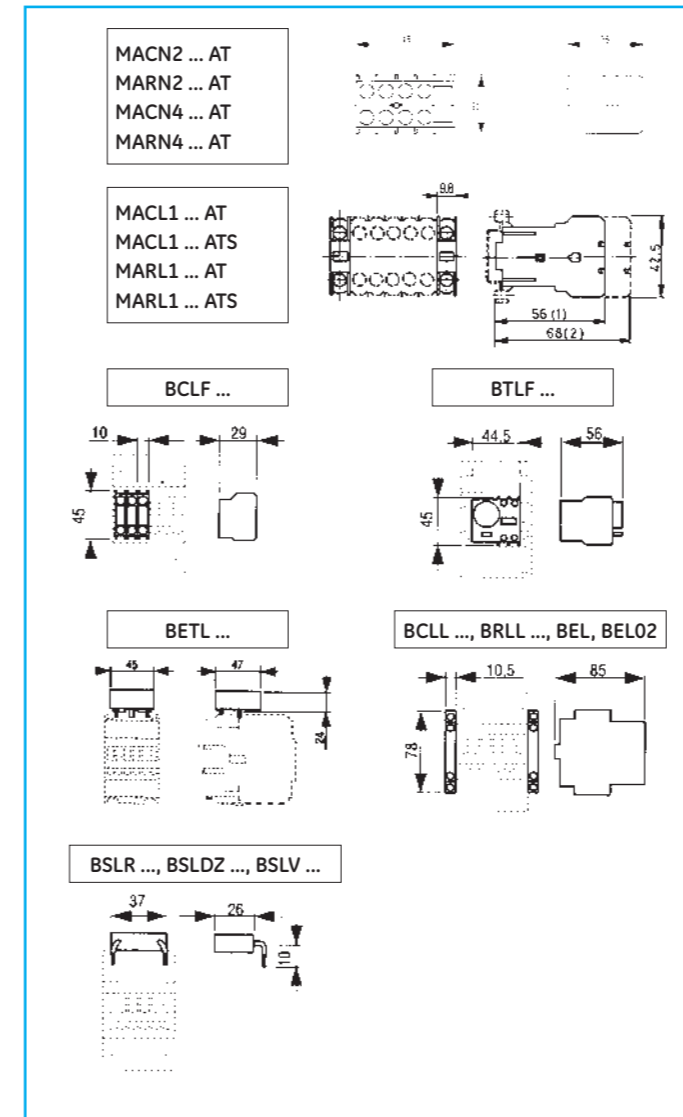
Series CL - Contactors / Série CL - Contacteurs



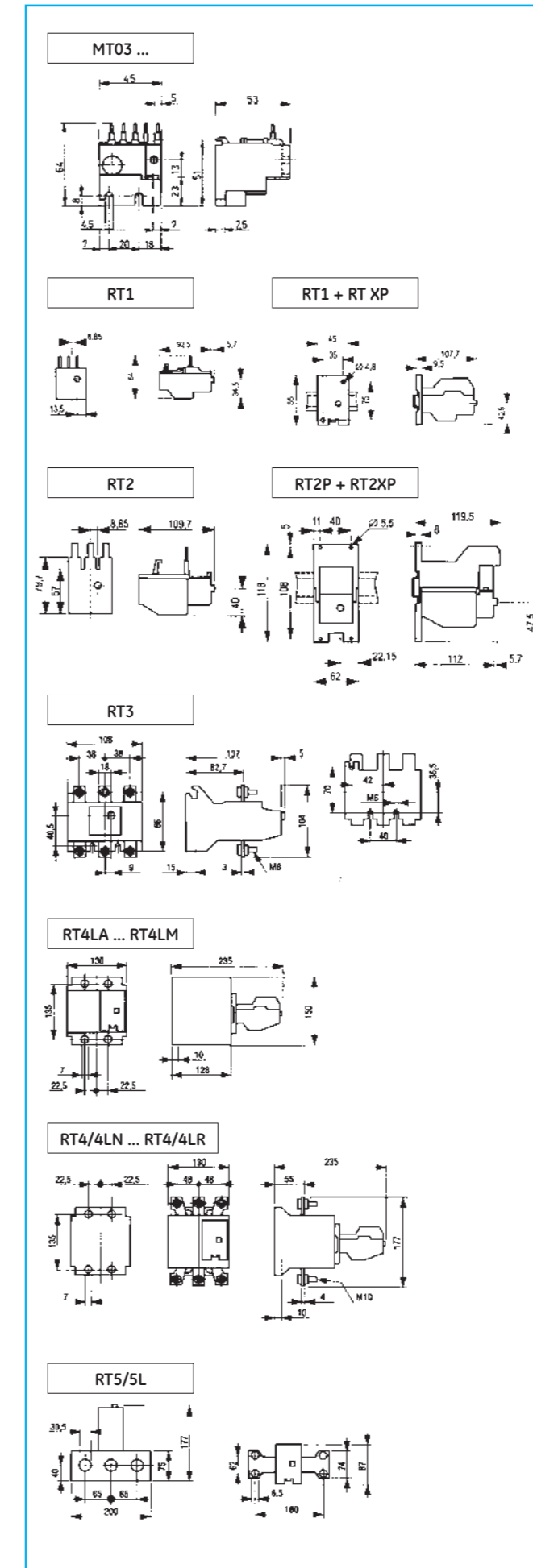
Series CK - Contactors / Série CK - Contacteurs



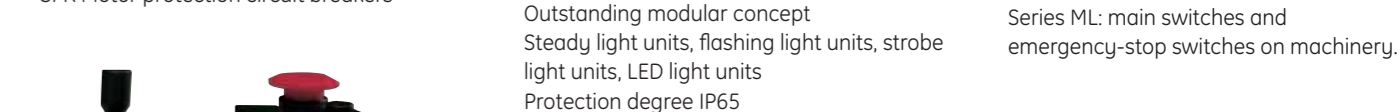
Accessories / Accessoires



Thermal overload relays / Relais thermiques



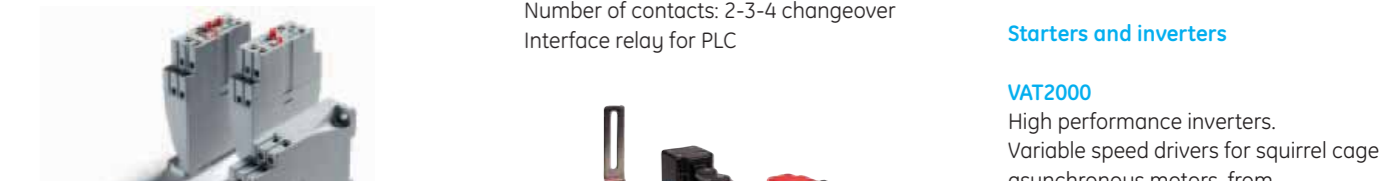
Motor protection devices
Surion manual motor starters
SFK Motor protection circuit breakers



Light towers
Outstanding modular concept
Steady light units, flashing light units, strobe light units, LED light units
Protection degree IP65



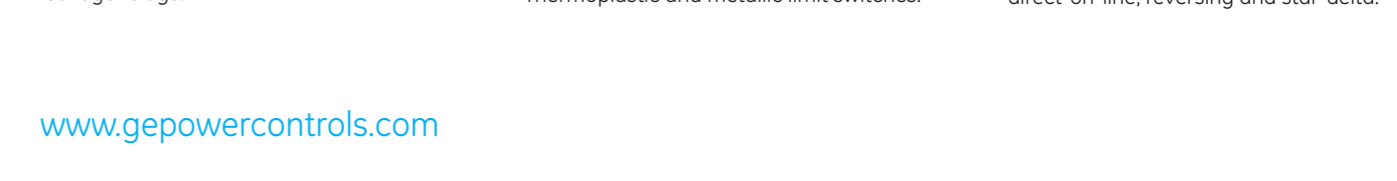
Push-buttons
Industrial push-buttons and switches
Series P9 - Ø 22.5 mm
Series 077 - Ø 30 mm
Palm and foot switches.



Plug-in auxiliary relays
Standard 8-11 pin plug-in relays
Miniature plug-in relays
Number of contacts: 2-3-4 changeover
Interface relay for PLC



Starters and inverters
VAT2000
High performance inverters.
Variable speed drivers for squirrel cage asynchronous motors, from 0.4 to 315kW.



Electronic relays
Single voltage and multivoltage electronic timers and relays.
Liquid level and flow detectors and earth-leakage relays.



Limit switches
Thermoplastic and metallic limit switches.



www.gepowercontrols.com

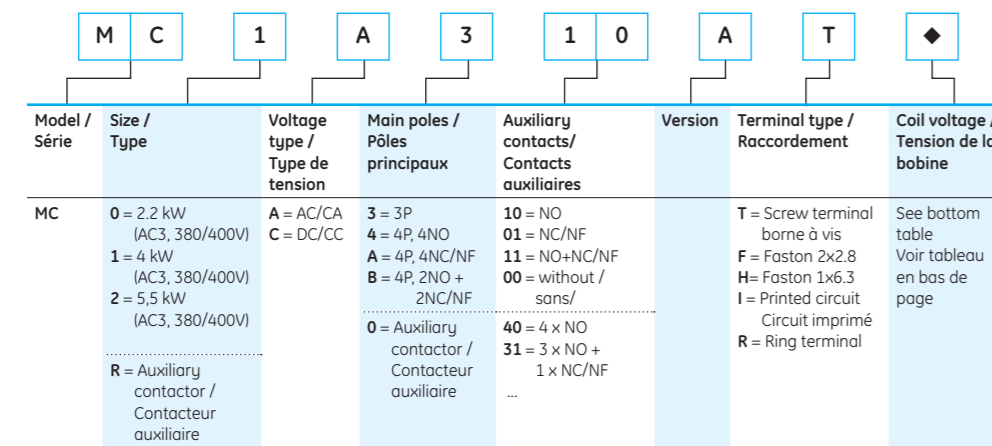
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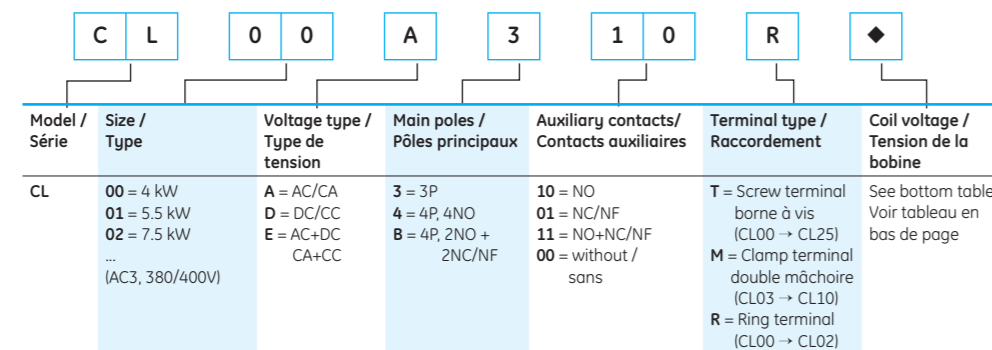
Tel. 0800/587 1251
Fax 0800/587 1239
E-mail: gepcuk@gepc.ge.com

Identification Mini-contactors Series M / Minicontacteurs Série M



- À Contactor / Contacteur
- Ç Auxiliary contact blocks, side mounted / Contacts auxiliaires latéraux
- E Auxiliary contact block, front mounted / Contact auxiliaire frontal
- N Suppressor / Antiparasitage
- O Electronic timer / Temporisation électronique
- U Thermal overload relay / Relais thermique

Identification Contactors Series CL / Contacteurs Série CL



- À Contactor / Contacteur
- Ç Auxiliary contact blocks, side mounted / Contacts auxiliaires latéraux
- E Mechanical Interlock / Verrouillage mécanique
- N Auxiliary contact, front mounted / Contact auxiliaire frontal
- O Electronic timer / Temporisation électronique
- U Suppressor / Antiparasitage
- à Mechanical latch / Accrochage mécanique
- à Pneumatic timer / Temporisation pneumatique
- à Thermal overload relay / Relais thermique

Coils / Bobines

MC - CL - CK	WD	WE	WG	WH	WI	WJ	WN
DC wide range	24	33	48	48	72	110	220

MC - CL - CK	50 Hz	A1	B	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	X	Y	Z	
50 Hz	6	12	24	32	42	48	110	127	220	230	240	240	240	240	240	240	240	240	240	240	240	240	240	240
60 Hz	6	24					110	120	208	227	220	240	380	440	480	600								

MC - CL - CK	DC	A1	B	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	X	Y	Z	
DC	6	12	24	32	36	42	48	60	72	110	120	125	220	230	230	240	250	250	250	250	250	250	250	250

Technical data / Données techniques

Ui	V	AC3	AC1	AC3	AC1	AC3	AC1	AC3	AC1	AC3	AC1	AC3	AC1	AC3	AC1	AC3	AC1	AC3	AC1	AC3	AC1	AC3	AC1	AC3	AC1	AC3	AC1	AC3	AC1	AC3	AC1	AC3	AC1	AC3	AC1	AC3	AC1			
le max. AC 1 (I _{le} ≤ 440V)	A	750	750	750	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	
le AC 1 (I _{le} ≤ 55°C (RH))	A	6	9	12	9	12	18	25	25	32	45	45	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60

	M	CL	CK
3P	<ul style="list-style-type: none"> MC0 A310AT MC1 A310AT MC2 A310AT 	<ul style="list-style-type: none"> CL00 A300T CL01 A300T CL02 A300T CL25 A300T CL03 A301T CL04 A301T CL05 A311M CL25 D300T 	<ul style="list-style-type: none"> CK75C A311 CK08C A311 CK85B A311 CK09B E311 CK95B E311
4P	<ul style="list-style-type: none"> MC0 A400AT MC1 A400AT MC2 A400AT 	<ul style="list-style-type: none"> CL01 A400T CL02 A400T CL03 A400M CL04 A400M CL05 A400M CL07 A400M CL09 A400M 	<ul style="list-style-type: none"> CK07B A411 CK08B A411 CK09B E411 CK95B E411

THERMAL OVERLOAD RELAYS	Man/Auto	I (A)	CI.10A	CI.20
MT03 A	1.7 - 2.4	0.11 - 0.17	RT1B	RT1J
MT03 B	2.2 - 3.2	0.17 - 0.26	RT1C	RT1K
MT03 C	2.5 - 4	0.26 - 0.43	RT1D	RT1L
MT03 D	3 - 4.7	0.43 - 0.65	RT1F	RT1M
MT03 E	4 - 6.3	0.65 - 1.1	RT1G	RT1N
MT03 F	5.5 - 8	0.85 - 1.3	RT1H	RT1P
MT03 G	7.5 - 10.5	1.1 - 1.6		
MT03 H	10 - 14	1.35 - 2		

