

## C.2 Series M - Minicontactors

Order codes

Terminal numbering

Dimensions

## C.10 Series CL - Contactors

Order codes

Terminal numbering

Dimensions

## C.18 Series CK - Contactors

Order Codes

Dimensions

## C.32 Series MT0 - Thermal overload relays for minicontactors

Order codes

Dimensions

Plug-in relays and Auxiliary contactors

## C.34 Series RT - Thermal overload relays for contactors

Order codes

Dimensions

Motor protection devices

**Contactors and Thermal overload relays**

## C.38 Series RE - Electronic overload relays

Order codes

Dimensions

Motorstarters

Control and signalling units

## C.48 Series CSCN - Contactors for capacitors

Order codes

Dimensions

Electronic relays

Limit switches

## C.52 Series 390.R - Clapper contactors

Order codes

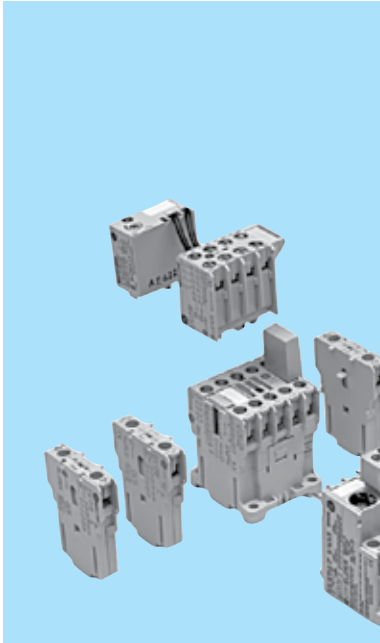
Dimensions

Speed drive units

Main switches

Numerical index





### Three and four pole minicontactors 6, 9 and 12A (AC3) 20A (AC1)

- Control circuit: Alternating current up to 600V  
Direct current up to 440V
- Terminal numbering in accordance with EN 50012
- Fixing by clipping onto 35 mm DIN rail (EN 50022-35) or by screws
- Screws and fast-on terminals protected against accidental contact in accordance with VDE 0106 T.100 and VBG4
- Versions: Ring terminal and printed circuit terminals
- Facility to mount instant and timed auxiliary contact blocks and voltage suppressor block
- Degree of protection IP20 (EN 60529).
- Maximum number of auxiliary contacts to be added: 6


#### Standards

IEC/EN 60947-1	BS 4794
IEC/EN 60947-4-1	NFC 63-110
IEC/EN 60947-5-1	CSA C22.2/14
EN 50003	VDE 0660
EN 50005	SEV 10254
EN 50012	JIS C8325
UL 508	JEM 1038
NEMA ICS-1	CENELEC HD 419

#### General data

	MC0...	MC1...	MC2...
<b>Maximum number of poles</b>	4	4	4
<b>Rated thermal current <math>\theta_H</math> 60°<sup>(1)</sup></b>	(A) 20	20	20
<b>Rated operational current <math>I_e</math><sup>(2)</sup></b>	(A) 6	9	12
<b>[3x440V, 50/60Hz, AC3]</b>			
<b>Rated insulation current <math>U_i</math></b>	(V) 750	750	750
<b>Rated operational current <math>U_e</math></b>	(V) 690	690	690

#### Approvals

 cULus	 DEMKO	 NEMKO
 SEMKO	 SETI	 IMQ
 Lloyd's Register	 Bureau Veritas	 RINA
 CE		

Order codes	pg. C.3
Auxiliary contact blocks	pg. C.6
Accessories	pg. C.8
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#### Standard voltages

To complete the catalogue number, replace the symbol ♦ by the code corresponding to the voltage and frequency of the control circuit (other voltages on request)\*

##### Alternating current (V). Bifrequency coil

♦	10	1	2	9	3	4	5	6	7	8	12	13
AC	12	24	42	48	110	120	220	230	240	440	380	400
50/60Hz						115						

##### Operating voltages 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

##### Alternating current (V).

♦	A	E	G	K	M	N	S	U	W	Y
AC			48	115		220	260	380	415	500
50Hz				127		240		400	440	
AC	6	32	60		208	240		440	480	600
60Hz					220	277				

##### Direct current (V)

♦	A	B	C	D	E	F	G	H	I	J	K	L	N	17	R	S	16
DC	6	12	32	24	36	42	48	60	72	110	120	125	220	230	240	250	440

##### Direct current (V) - Wide voltage range

♦	WD	WE	WG	WI	WJ	WN
DC	24	33	48	72	110	220

\* Please Consult GE for non standard Coil Voltages

