



IEC Contactors and Overload Relays

Technical Solutions

Mini Series Contactors and Overload Relays
Freedom Series Contactors and Overload Relays
Modular Series Contactors and Overload Relays



Mini Series Contactors and Overload Relays

Contactors	2
Contactors – reversing	2
Accessories	3
Technical data	4
Lighting circuit switching	6
Overload relay	7
Technical data	7
Dimensions	8



Freedom Series Contactors and Overload Relays

Contactors	10
Accessories	11
Thermal overload relays	14
Type 2 Co-ordination Selection procedure	16
Technical data	18
Dimensions	33




Modular Series Contactors and Overload Relays

Contactors	38
Accessories	40
Technical data	42
Dimensions	47
Thermal overload relays	49
Technical data	50
Dimensions	54


Mini Series - 4 and 5.5kW

Catalogue numbers

Contactors

	AC3 rating 3ph 400/440V	Number of contacts		Catalogue numbers
		Main	Auxiliary	
	4kW	3 N.O.	1 N.O.	CE12BNC310*
		3 N.O.	1 N.C.	CE12BNC301*
		4 N.O.		CE12BNC400*
	5.5kW	3 N.O.	1 N.O.	CE12CNC310*
		3 N.O.	1 N.C.	CE12CNC301*
		4 N.O.		CE12CNC400*

Contactors - Reversing

	AC3 rating 3ph 400/440V	Number of contacts		Catalogue numbers
		Main	Auxiliary	
	4kW	3 N.O.	1 N.O.	CE52BNC310*
		3 N.O.	1 N.C.	CE52BNC301*
		3 N.O.	1 N.O.	CE52CNC310*
	5.5kW	3 N.O.	1 N.C.	CE52CNC301*
		3 N.O.		
		3 N.O.		

* Add suffix for coil voltage from the tables below

A.C. operating coils - 3.5VA

Coil voltage 40 to 450Hz	Suffix
24	T
48	W
110 - 127	A
220 - 240	B
277	H
380 - 415	L

D.C. low power consumption operating coils for non-reversing contactors

Coil voltage	Suffix
24 (1.4 watts)	T2
24 (1.7 watts with surge suppressor)	T3
17 - 32 (2.4 watts)	V2
17 - 32 (2.8 watts with surge suppressor)	V3

Can not be used when auxiliary contacts are fitted.

D.C. operating coils - 3.5 watts

Coil voltage	Suffix
12	R1
24	T1
48	W1
110 - 125	A1
220 - 240	B1