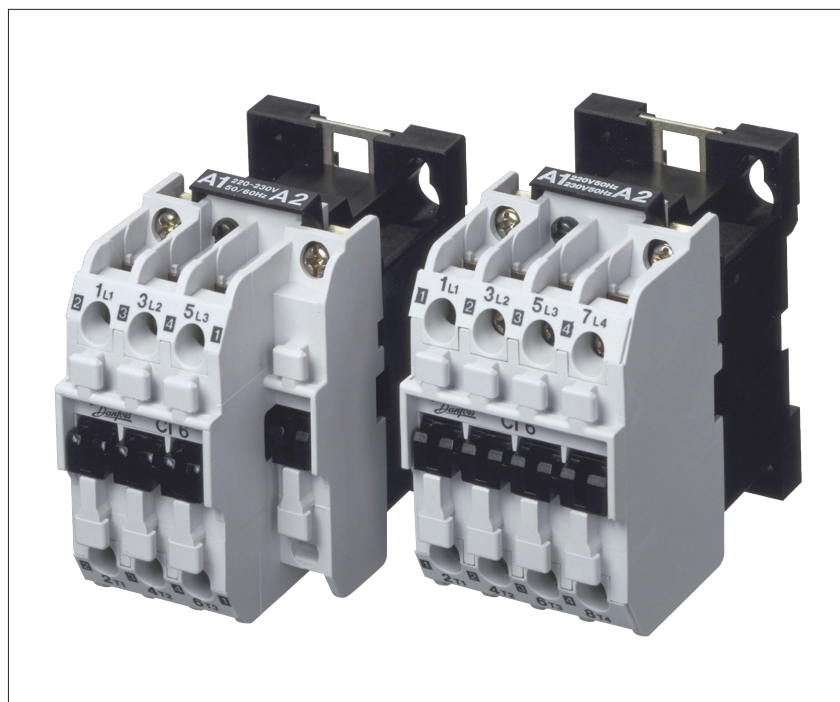


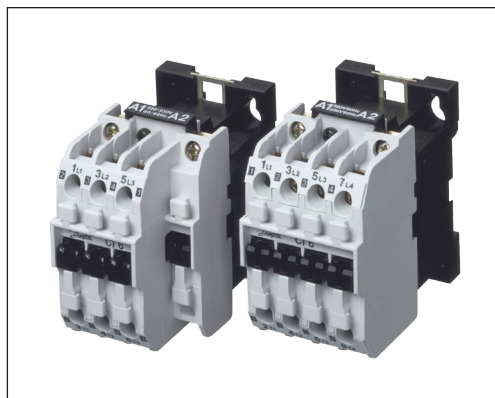
CI-TI™ Contactors and Motor Starters

Type CI 6 - 50



More than sixty years of manufacturing experience ensure that our contractors and motor starters stand out with regards to quality and long life.

**Contactors CI 6 – CI 50 for
AC coil voltage (no built-in
auxiliary contacts)**



Danfoss contactors CI 6 – CI50 cover the power range 2.2 – 25 kW.

CI 6 is built up as a combined contactor/control relay.

CI 9 DC – CI 30 DC and CI 9 EI – CI 30 EI are contactors for DC coil voltage within the power range 2.2 – 15 kW. The range CI 9 EI – CI 30 EI has built-in interface relay for PLC application with 24 V DC output.

Accessories include a wide selection of clip-on auxiliary contact blocks and timers, interface modules and RC links.

The CI 6 – CI 50 range also includes thermal overload relays for protection of squirrel-cage motors.

Type	Main circuit							Auxiliary contacts	Code no. ¹⁾
	AC-3 load			I _{th} ⁴⁾ (AC-1) Open [A]	I _{the} ⁵⁾ (AC-1) Encl. [A]	Max. I _{th} ⁶⁾ (AC-1) Open [A]	Main contacts (make) Number	Add-on options Number	
	U _e 220 – 240 V [kW]	U _e 380 – 690 V [kW]	I _e [A]						
CI 6 ²⁾	1.5	2.2	6	20	16	–	3	1 – 4	037H0015
	1.5	2.2	6	20	16	–	4	1 – 4	037H0018
CI 9	2.2	4.0	9	25	16	–	3	1 – 4	037H0021
	2.2	4.0	9	25	16	–	4	1 – 4	037H0022
CI 12	3.0	5.5	12	25	20	–	3	1 – 4	037H0031
	3.0	5.5	12	25	20	–	4	1 – 4	037H0032
CI 15	4.0	7.5 ³⁾	16	25	20	30	3	1 – 4	037H0049
	4.0	7.5 ³⁾	16	25	20	30	4	1 – 4	037H0050
CI 16	4.0	7.5	16	40	25	45	3	1 – 4	037H0041
CI 20	5.5	10.0	20	40	25	45	3	1 – 4	037H0045
CI 25	5.5	11.0	25	40	25	45	3	1 – 4	037H0051
CI 30	8.5	15.0	32	40	30	50	3	1 – 4	037H0055
CI 32	8.5	15.0 ³⁾	32	63	63	–	3	1 – 4	037H0061
CI 37	10.0	18.5 ³⁾	37	80	63	–	3	1 – 4	037H0056
CI 45	11.0	22.0 ³⁾	45	80	80	90	3	1 – 4	037H0071
CI 50	15.0	25.0 ³⁾	52	80	80	90	3	1 – 4	037H0080

1) Suffix defining coil voltage/frequency must be added to the Danfoss code no. (see table on page 4).

2) AC-15 operation: max. 500 VA/6A

3) U_e max.: 500 V

4) The thermal current value I_{th} represents the maximum load at 40 °C, which corresponds to installing the contactor in air (open).

5) The thermal current value I_{the} represents the maximum load at 60 °C, which corresponds to installing the contactor inside an enclosure.

6) Heat-resistant leads (min. 75 °C) must be used.