

The breadth of the CT contactor range satisfies most application cases (multi-pole, pole composition, etc.). CT contactors can be combined with auxiliary control, protection and indication functions.



Permanent ON override

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Operation

CT contactors equipped with one or more normally open (NO) or normally closed (NC) contacts are controlled by latched type electrical orders. On the front face a red indicator light indicates voltage presence at the coil terminals (A1-A2).

Manually-operated contactors have a 4-position selector switch on their front face:

- Automatic operating mode
- Temporary «ON» override
- Permanent «ON» override: used to lock the contactor in the ON position during installation maintenance
- Shutdown

Technical data

Power circuit

CT ratings	16 to 100 A (category AC7a)
Manually-operated CT ratings	16 to 63 A (category AC7a)
Characterisation on load types	Consult Practical Advice p. 92306
Voltage rating	250 V AC (1P and 2P), 400 V AC (3P and 4P)
Frequency	50 Hz or 60 Hz

Control circuit

Voltage	12 V AC ($\pm 10\%$), 24 V AC ($\pm 10\%$), 230...240 V AC (-10% $+6\%$)
Coil frequency	50 Hz or 60 Hz

Inrush and holding power

Type	Rating (A)	Consumption inrush (VA)	holding (VA)	Max. power (W)
1P, 2P	16/25	15	3.8	1.1
3P, 4P	16/25	34	4.6	1.6
2P	40/63	34	4.6	1.6
3P, 4P	40/63	53	6.5	2.1
2P	100	53	6.5	2.1
4P	100	106	13	4.2

- Operating temperature: -5°C to $+60^{\circ}\text{C}$
- Tropicalisation: treatment 2 (relative humidity: 95 % at 55°C)
- Compliance with standards: EN 60947-4-1, EN 61095, IEC 1095
- Approvals: NF, IMQ, VDE, GOST, CCC, CEBEC
- ELSV compliance (Extra Low Safety Voltage): for 25 A 2P versions with 24 V AC control

Connection by tunnel terminals

Cable type	Control circuit	Power circuit		
		16 and 25 A	40-63 A	100 A
Flexible	2 x 2.5 mm ²	2 x 2.5 mm ²	2 x 10 mm ²	6 to 35 mm ²
Rigid	2 x 1.5 mm ²	6 mm ²	25 mm ²	6 to 35 mm ²

- Marking: contactors can be equipped with clip-on markers

Accessories

Screw shields

- Designed to cover terminals to avoid contact with device screws
- Allow sealing

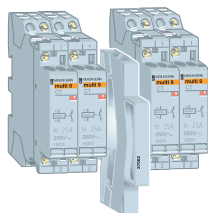
Spacer - 27062

- Required to reduce temperature rise of modular devices installed side by side
- Recommended to separate electronic devices (thermostat, programmable clock, etc.) from electromechanical devices (relays, contactors)

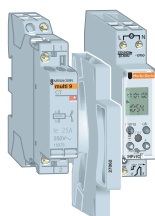
Derating of contactors mounted in modular enclosure if inside temperature is $> 40^{\circ}\text{C}$

Contactor rating	40°C	50°C	60°C ⁽¹⁾
16 A	16 A	14 A	13 A
25 A	25 A	22 A	20 A
40 A	40 A	36 A	32 A
63 A	63 A	57 A	50 A
100 A	100 A	87 A	80 A

(1) Spacer compulsory between each product.



2 CT + spacer + 2 CT



CT + spacer + IHP