

Modular Contactors, CT

CT modular contactors are not only used in residential sector, but in tertiary sector or in industrial utilities for the control of single or three-phase loads up to 100A, the range includes two types of contactors:

- Contactors with no manual operating mechanism
 - with closing poles, pole closing is controlled by the presence of voltage on the coil and pole opening by the disappearance of this voltage;
 - with opening poles, the poles are closed with the coil de-energized and open when the coil is fed with power, mainly used for load-shedding;
 - with mixed poles, closing and opening;
- Contactors with manual operating mechanism: they additionally allow closing or opening of the poles using the selector switch on the front panel during maintenance operations, or are used to override an automatic system, the selector switch has 3 positions: Off/Automatic Operation/Manual or Permanent operation.


A complete range of modular contactors:

- 16A to 100A ratings in single, two, three or 4-pole;
- Closing, opening or mixed poles with or without manual operating mechanism;
- Comply with standard in force in residential and tertiary applications: IEC 61095;
- With an adequate indication auxiliary for 25A to 100A contactors;

Electrical Characteristics

- Power circuit ratings at 40°C: 16 to 100A;
- Operating voltages: 24VAC±10%, 230VAC±15%;
- Coil frequency: 50Hz;

Selection Table

	Poles	Ratings, In	Width in 9mm Modules	Control Contacts	Control Voltage	With Manual	No Manual
	1P	25A	2	1N/O	230/240VAC	-	15958
		16A	2	1N/O + 1N/C	230/240VAC	-	15956
			2	2N/O	230/240VAC	-	15957
		2P	25A	2	2N/O	230/240VAC	15981
2	2N/O			24VAC	-	16020	
40A	2		2N/C	230/240VAC	-	15960	
	4		2N/O	230/240VAC	15984	15966	
63A	4		2N/O	230/240VAC	15987	15971	
	4		2N/O	24VAC	-	16024	
3P	25A	4	2N/O	230/240VAC	-	15977	
		4	3N/O	230/240VAC	15982	15961	
	40A	6	3N/O	230/240VAC	-	15967	
		6	3N/O	230/240VAC	-	15972	
	63A	4	4N/O	230/240VAC	15983	15962	
		4	4N/O	24VAC	-	10622	
4P	25A	4	4N/C	230/240VAC	-	15963	
		4	4N/C	24VAC	-	16023	
		4	2N/O + 2N/C	230/240VAC	-	15964	
	40A	6	4N/O	230/240VAC	15986	15968	
		6	4N/C	230/240VAC	-	15969	
	63A	6	4N/O	230/240VAC	15988	15973	
		6	4N/O	24VAC	-	16025	
		6	4N/C	230/240VAC	-	15974	
		6	4N/C	24VAC	-	16026	
		6	2N/O + 2N/C	230/240VAC	-	15975	
100A	12	4N/O	230/240VAC	-	15978		
Schematic Diagrams	1N/O	A1 1	A2 2				
	1NO + 1NC	A1 1	A2 2	R1 1	R2 2		
	2NO	A1 1	A2 2	1 3	2 4		
	2N/C	A1 1	A2 2	R1 1	R2 2	R3 3	R4 4
	3N/O	A1 1	A2 2	1 3	2 4	5 7	6 8
	4N/O	A1 1	A2 2	1 3	2 4	5 7	6 8

CT: 15988