

### Modular Contactors, iCT

iCT modular contactors can be used to remote control applications in alternative networks from 16A to 100A:

- lighting, heating, ventilation, roller blinds, sanitary hot water
- mechanical ventilation system, etc
- loading-shedding of non-priority circuits

Characteristics on load types

■ Standard IEC 61095 applies to electromechanical contactors for domestic and similar purpose, it differs from standard IEC 60947-4 by specific requirements relating to safety of persons and equipment in premises and corridors accessible to general public:

Applications	Industrial: IEC 60947-4	Domestic: IEC 61095
Motor	AC3	AC7b
Heating	AC1	AC7a
Lighting	AC5a and b	AC5a and b

#### Technical Data

Power Circuit	Voltage Rating, Ue	1P, 2P	250VAC
		3P, 4P	400VAC
	Frequency	50 or 60Hz	
Endurance, O-C	Electrical	100,000	
	Maximum number of switching/Da	100	
Additional characteristics	Insulation Voltage, Ui	500VAC	
	Pollution Degree	2	
	Rated impulse withstand voltage	2.5kV	
	Degree of protection	IP20	
	Operating temperature	-5 to + 60°C	

#### Selection Table

Poles	Ratings, In	Width in 9mm Modules	Control Contacts	Control Voltage	With Manual		
					Manual	No Manual	
1P	16A	2	1NO	220VAC	-	A9C22511	
		2	1NO	230/240VAC	-	A9C22711	
	25A	2	1NO	220VAC	-	A9C20531	
		2	1NO	230/240VAC	-	A9C20731	
	2P	16A	2	2NO	220VAC	A9C23512	A9C22512
			2	2NO	230/240VAC	A9C23712	A9C22712
25A		2	1NO + 1NC	220VAC	A9C23515	A9C22515	
		2	1NO + 1NC	230/240VAC	A9C23715	A9C22715	
40A		2	2NO	220VAC	A9C21532	A9C20532	
		2	2NO	230/240VAC	A9C21732	A9C20732	
3P	63A	2	2NC	220VAC	-	A9C20536	
		2	2NC	230/240VAC	-	A9C20736	
	100A	6	2NO	220/240VAC	A9C21842	A9C20842	
		6	2NO	24VAC	A9C21162	A9C20162	
	16A	4	2NO	220/240VAC	A9C21862	A9C20862	
		4	2NO	220/240VAC	-	A9C80882	
25A		4	3NO	220/240VAC	-	A9C22813	
		4	3NO	220/240VAC	A9C21833	A9C20833	
4P	40A	6	3NO	220/240VAC	A9C21843	A9C20843	
		6	3NO	220/240VAC	-	A9C20863	
	16A	4	4NO	220/240VAC	-	A9C22814	
		4	2NO + 2NC	220/240VAC	-	A9C22818	
	20A	4	4NO	220/240VAC	-	A9C22824	
		4	4NO	220/240VAC	A9C21834	A9C20834	
63A	25A	4	4NC	220/240VAC	-	A9C20837	
		4	2NO + 2NC	220/240VAC	-	A9C20838	
	40A	6	4NO	220/240VAC	A9C21844	A9C20844	
		6	4NC	220/240VAC	-	A9C20847	
	6	6	4NO	220/240VAC	A9C21864	A9C20864	
		6	4NC	220/240VAC	-	A9C20867	
100A	6	2NO + 2NC	220/240VAC	-	A9C20868		
	6	3NO + 1NC	220/240VAC	-	A9C20869		
		6	4NO	220/240VAC	-	A9C20884	



iCT: A9C20847

