

NC1 Series AC Contactor

Features

The NC1 series AC line contactors are suitable for use in circuits with rated working voltage up to 660V, 50Hz or 60Hz and rated current up to 95.



They are used to turn electrical circuits on and off and, when coupled to a thermal relay, protect the circuit against overloads, acting as a magnetic switch. When coupled with auxiliary blocks and relays they can act as a triangle star switch, reversing switches, timers, etc.

The contactors are designed in accordance with IEC 947-2.

Technical Specifications

TYPE		NC1-09	NC1-12	NC1-18	NC1-25	NC1-32
Rated operation current (A)	AC-3	9	12	18	25	32
	AC-1	3,5	5	7,7	8,5	12
AC3-capacity of phase 3 squirrel-cage motor AC3(kw)	220/230V	2,2	3	4	5,5	7,5
	380/440V	4	5,5	7,5	11	15
	415V	4	5,5	9	11	15
	440V	4	5,5	9	11	15
	500V	5,5	7,5	10	15	18,5
	660/690v	5,5	7,5	10	15	18,5
Rated heat current (A)		20	20	32	40	50
Electrical life	AC4X10 ⁴	20	20-15	20-7	15-7	15-7
	AC3X10 ⁵	2	2	2	2	2
Mechanical life x 10 ⁵		20	20	20	20	20
Number of the contacts		3P+NO				
		3P+NC				



TYPE		NC1-40	NC1-50	NC1-65	NC1-80	NC1-95
Rated operation current (A)	AC-3	40	50	65	80	95
	AC-1	18,5	24	28	37	44
AC3-capacity of phase 3 squirrel-cage motor AC3(kw)	220/230V	11	15	18,5	22	25
	380/440V	18,5	22	30	37	45
	415V	22	25	37	45	45
	440V	22	30	37	45	45
	500V	22	30	37	55	55
	660/690V	30	33	37	45	45
Rated heat current (A)		60	80	80	125	125
Electrical life	AC4X10 ⁴	10-7	7	7-6	7-5	7-5
	AC3X10 ⁵	2	2	1,6	1,6	1,6
Mechanical life x 10 ⁵		20	20	20	10	10
Number of the contacts		3P+NO				
		3P+NC				

