

Table of specifications

For Nuclear power plant

MC type Magnetic Contactors



Frame size			
Type	screws clamp terminals		
Number of poles			
Rated operational voltage, Ue			
Rated insulation voltage, Ui			
Rated frequency			
Rated impulse withstand voltage, Uimp			
Maximum operating rate in operating cycles per hour(AC3)			
Durability	Mechanical		
	Electrical		
Current and power	AC-1, Thermal current	A	
	AC-3	200/240V	kW
			A
		380/440V	kW
			A
		500/550V	kW
UL rating (50/60Hz)			A
		690V	kW
			A
	Continuous current	A	
	Single phase	110~120V	HP
		220~240V	HP
NEMA size		200~208V	HP
	Three phase	220~240V	HP
		440~480V	HP
		550~600V	HP
Size and weight	AC control	Weight	kg
		Size(W × H × D)	mm
	DC control	Weight	kg
		Size(W × H × D)	mm
Auxiliary(standard)			
Auxiliary	Side mount		
	Front mount		

Note) Minimum conduct current of Auxiliary contactor is DC 17V 5mA.

MT type Thermal Overload Relays



Type	Screws clamp terminals		
Rated operational voltage, Ue			
Rated insulation voltage, Ui			
Rated impulse withstand voltage, Uimp			
Trip class			
Setting range			
Size and weight		Weight	kg
		Size(W × H × D)	mm

* The safety cover of magnetic contactor and thermal overload relay is optional.

18AF			
MC-6a(Q)	MC-9a(Q)	MC-12a(Q)	MC-18a(Q)
●	●	●	●
3pole			
690V			
690V			
50/60Hz			
6kV			
1800 operations per hour			
15 mil. operations			
2.5 mil. operations			
25	25	25	32
2.2	2.5	3.5	4.5
9	11	13	18
3	4	5.5	7.5
7	9	12	18
3	4	7.5	7.5
6	7	12	13
3	4	7.5	7.5
4	5	9	9
25	25	25	32
0.5	0.5	0.75	1
1.5	1.5	2	3
2	2	3	5
3	3	5	7.5
5	5	7.5	10
7.5	7.5	10	15
00	00	0	1
0.33			
45 × 73.5 × 80.4			
0.4			
45 × 73.5 × 96.6			
1NO or 1NC			
UA-1			
UA-2, UA-4			