

# Contactors (18AF)

## Description

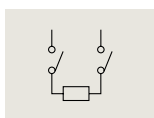
- 3-pole(NO) main contact
- Finger proof design
- DIN rail or screw mountable
- AC or DC control in different physical size
- Front/side mountable accessories available
- Direct mountable overload relay available Rating
- 1NO or 1NC Auxiliary contact built-in as standard.
- Degree of protection: IP20

## Rating

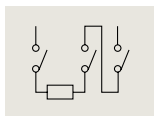


MC-18a

Contactor type			MC-6a		MC-9a		MC-12a		MC-18a		
			kW	A	kW	A	kW	A	kW	A	
AC duty	AC3	200/240V	2.2	9	2.2	11	3.5	13	4.5	18	
		380/440V	3	7	4	9	5.5	12	7.5	18	
		500/550V	3	6	4	7	7.5	12	7.5	13	
		690V	3	4	4	5	7.5	9	7.5	9	
	AC4	200/240V	1.5	7	1.5	8	2.2	11	3.7	16	
		380/440V	2.2	5	2.2	6	4	9	4	11	
	AC1		-	25	-	25	-	25	-	32	
	DC1 duty (L/R=1ms)	2-pole	24V	-	10	-	10	-	12	-	18
			in series	48V	-	10	-	10	-	12	-
110V			-	6	-	6	-	10	-	13	
3-pole		24V	-	10	-	10	-	12	-	18	
		in series	48V	-	10	-	10	-	12	-	18
		110V	-	8	-	8	-	12	-	18	
DC2, 4 duty (L/R=15ms)		2-pole	24V	-	8	-	8	-	12	-	12
			in series	48V	-	4	-	4	-	6	-
		110V	-	2.5	-	2.5	-	4	-	4	
3-pole	24V	-	8	-	8	-	12	-	12		
	in series	48V	-	6	-	6	-	10	-	10	
110V	-	4	-	4	-	8	-	8			
Directly mountable Overload relay			MT-12								
Conductor size (solid, stranded)	AWG		18~10		16~10		16~8		14~8		
	(the max. number of conductors: 2) mm <sup>2</sup>		1~4		1.5~4		1.5~10		2.5~10		
Conductor type			65/75°C Cu-wire only								



2pole for DC contact



3pole for DC contact



## Coil voltage

AC	50Hz	24, 32, 36, 42, 48, 80, 100, 110, 120, 220, 230, 240, 380, 400, 415, 440, 500, 550V
	60Hz	24, 48, 110, 120, 200, 208, 220, 230, 240, 277, 380, 440, 480, 600V
DC	DC	12, 20, 24, 48, 60, 80, 100, 110, 125, 200, 220, 250V

## Certification

- CE(IEC)
- UL508
- CCC

\* Please be cautious for wiring control power cable, especially "+" (Positive) and "-" (Negative) polarity should be correctly considered.