

# Mini contactors

6 to 16A

## Mini contactors

3NO main contacts  
1 auxiliary contacts



Screw clamp type



Fast-on type



Cage clamp type



Solder pin type

Frame size		6A	9A	12A	16A				
Screw clamp type	AC coil	GMC-6M	GMC-9M	GMC-12M	GMC-16M				
	DC coil	GMD-6M	GMD-9M	GMD-12M	GMD-16M				
Fast-on type	AC coil	GMC-6MF	GMC-9MF	GMC-12MF	GMC-16MF				
	DC coil	GMD-6MF	GMD-9MF	GMD-12MF	GMD-16MF				
Cage clamp type	AC coil	GMC-6MC	GMC-9MC	GMC-12MC	GMC-16MC				
	DC coil	GMD-6MC	GMD-9MC	GMD-12MC	GMD-16MC				
Solder pin type	AC coil	GMC-6MP	GMC-9MP	GMC-12MP	GMC-16MP				
	DC coil	GMD-6MP	GMD-9MP	GMD-12MP	GMD-16MP				
Ratings / IEC60947-4		kW	A	kW	A	kW	A	kW	A
AC1		20		20		20		20	
AC3	200/240V	1.5	7	2.2	9	3	12	4	15
	380/440V	2.2	6	4	9	5.5	12	7.5	16
	500/550V	3	5	3.7	6	4	7	5.5	9
	690V	3	4	4	5	4	5	4	5
Ratings / UL508		hp	A	hp	A	hp	A	hp	A
continuous current		I <sub>th</sub> = 20A (maximum for cage clamp type is 10A)							
single phase	120V	1/2		1/2		1 *		-	
	230V/240V	1		1.5		2 **		-	
three phase	240V	1.5		3		3		-	
	480V	3		5		7.5 ***		-	
	600V	3		5		7.5		-	
Wire Range : Copper, 75°C, Stranded, 18-12AWG									
NEMA size		00		00		00		0	

Additional auxiliary contacts	Screw clamp type	Fast-on type	Cage clamp type	Solder pin type
2-pole, Front mount	AU-2M	AU-2MF	AU-2MC	AU-1MP
4-pole, Front mount	AU-4M	AU-4MF	AU-4MC	
2-pole, Side mount	AU-1M	AU-1MF	AU-1MC	

Note) \* = 1/2 for cage clamp type, \*\* = 1.5hp for cage clamp type, \*\*\* = 5hp for cage clamp type  
16AF : not approved from UL

## Overload Relays

Bimetallic style Type GT		Setting ranges (A)	0.1 - 0.16 0.16 - 0.25 0.25 - 0.4 0.4 - 0.63 0.63 - 1 1 - 1.6 1.6 - 2.5 2.5 - 4	4 - 6 5 - 8 6 - 9 7 - 10 9 - 13 12 - 16	
	Differential	GTK-12M			
	Non-differential (3-heater)	GTH-12M/3			
	Non-differential (2-heater)	GTH-12M			