Quick selection table

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		Ith = 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
Class 10A


GT-12M

Setting ranges (A)

0.1 - 0.16	4 - 6
0.16 - 0.25	5 - 8
0.25 - 0.4	6 - 9
0.4 - 0.63	7 - 10
0.63 - 1	9 - 13
1 - 1.6	12 - 16
1.6 - 2.5	
2.5 - 4	


Base for separate mount

Differential	GTK-12M
Non-differential (3-heater)	GTH-12M/3
Non-differential (2-heater)	GTH-12M