

# Mini Contactors



UL508  
E108780



Mini Contactors

Type	6A	9A	12A
Number of Poles	3 NO main Contacts, 1 Auxiliary Contact		
Terminal Type	Screw Clamp	Screw Clamp	Screw Clamp
NEMA Size	00	00	00
Standard Auxiliary*	1NO	1NO	1NO

Coil Voltage	Frequency	Part. No.	Part. No.	Part. No.	
<b>AC Coil</b>	24V	50/60 Hz	GMC-6M-10-AC24V	GMC-9M-10-AC24V	GMC-12M-10-AC24V
	120V	50/60 Hz	GMC-6M-10-AC120V	GMC-9M-10-AC120V	GMC-12M-10-AC120V
	208V	60 Hz	GMC-6M-10-AC208V	GMC-9M-10-AC208V	GMC-12M-10-AC208V
	230V	50/60 Hz	GMC-6M-10-AC230V	GMC-9M-10-AC230V	GMC-12M-10-AC230V

**Other AC Coil Voltages Available**  
50/ 60Hz:  
42V, 48V,  
110V, 220V,  
277V, 400V,  
480V, 600V

**Coil Characteristics and Data**

Pick-up Voltage Limit	80-110%
Drop-out Voltage Limit	30-40%
Coil Consumption (W)	2
Inrush [VA]	32
Holding [VA]	6
Closing Time [ms]	10...20
Opening Time [ms]	35...45

DC Coil	12V	-	GMD-6M-10-DC12V	GMD-9M-10-DC12V	GMD-12M-10-DC12V
	24V	-	GMD-6M-10-DC24V	GMD-9M-10-DC24V	GMD-12M-10-DC24V

**Coil Characteristics and Data**

Pick-up Voltage Limit	80-110%
Drop-out Voltage Limit	10-30%
Coil Consumption (W)	3
Inrush [W]	3
Holding [W]	3
Closing Time [ms]	40-50
Opening Time [ms]	35-45

HP Rating / UL508	HP	HP	HP
Continuous current	20A	20A	20A
Single phase			
110~120V	0.5	0.5	1
220~240V	1	1.5	2
Three phase			
240V	1.5	3	3
480V	3	5	7.5
600	3	5	10

**Overload Relays**  
(Class 10A,  
Differential Typical)



Setting Ranges (A)	Frame Size 22AF
0.1-0.16A	GTK-12M-0.16
0.16-0.25A	GTK-12M-0.25
0.25-0.4A	GTK-12M-0.4
0.4-0.63A	GTK-12M-0.63
0.63-1A	GTK-12M-1
1-1.6A	GTK-12M-1.6
1.6-2.5A	GTK-12M-2.5
2.4-4A	GTK-12M-4
4-6A	GTK-12M-6
5-8A	GTK-12M-8
6-9A	GTK-12M-9
7-10A	GTK-12M-10
9-13A	GTK-12M-13
12-16A	GTK-12M-16

\* For built-in NC Auxiliary Switch change part number to -01; e.g. GMC-6M-01-AC24V.

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