

Mini Contactors



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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.	
AC Coil	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

Other DC Coil Voltages Available
 48V, 60V,
 120V, 125V,
 220V, 240V,
 250V

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Altech:

[GTK-12M-10](#) [GMC-12M-10-AC230V](#) [GTK-12M-0.63](#) [GMD-9M-10-DC24V](#) [GMC-9M-10-AC24V](#) [GTK-12M-4](#) [GTK-12M-2.5](#) [GMC-6M-10-AC120V](#) [GTK-12M-13](#) [GMD-12M-10-DC24V](#) [GTK-12M-6](#) [GTK-12M-0.4](#) [GMC-12M-10-AC24V](#) [GTK-12M-9](#) [GMD-12M-10-DC12V](#) [GTK-12M-0.16](#) [GMC-9M-10-AC120V](#) [GTK-12M-1](#) [GMD-6M-10-DC24V](#) [GMC-6M-10-AC24V](#) [GMC-12M-10-AC208V](#) [GTK-12M-8](#) [GTK-12M-0.25](#) [GMC-12M-10-AC120V](#) [GTK-12M-1.6](#) [GTK-12M-16](#)