

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

DESCRIPTION

PRODUCT COVERED:

Magnetic Motor Controllers, Contactors Model, GMC- or GMD-, followed by -9, -12, -18, -22, -32, -40, -50, -65, -75, or -85.

Reversing Contactors Model, GMC-, followed by -9, -12, -18, -22, -32, -40, -50, -65, -75, or -85, followed by R.

Starters - Combination of (R/C) Mechanical Overload Relay (GTK-Series) and Contactors (GMC-Series), GMS-, followed by -9, -12, -18, -22, -32, -40, -50, -65, -75, or -85.

Reversing Starters - Combination of (R/C) Mechanical Overload Relay (GTK-Series) and Reversing Contactors (GMC- () R Series), GMS-, followed by -9, -12, -18, -22, -32, -40, -50, -65, -75, or -85, followed by -R.

GENERAL:

Magnetic Motor Controllers

These devices are open type, three-pole, starters, reversing starters, contactors, or reversing contactors, intended to connect motors directly across-the-line. These devices may consist of one or two of this manufacturer's Listed Magnetic Contactors and an overload relay provided with a mechanical interlock for reversing, and mounted to a common plate.

RATINGS:

GMC and GMD Series Magnetic Motor Controller Ratings

Coil Voltage, (GMC-series): 24 - 550 V ac, 50 Hz
24 - 600 V ac, 60 Hz

Coil Voltage, (GMD-series): 12 - 250 V dc

Pilot Duty: A600 and P600

Field Wiring Terminal (Auxiliary Terminals): 18 AWG, stranded copper, 10 lb.-in., identical for entire series.

Main Contacts -

Phase	Voltage (Vac)	Horsepower			
		GMC (D) -9 (Hp)	GMC (D) -12 (Hp)	GMC (D) -18 (Hp)	GMC (D) -22 (Hp)
1	115	1/2	1/2	1	2
1	230	1	2	3	3
3	200	2	3	5	7.5
3	230	2	3	5	7.5
3	460	5	7.5	10	10
3	575	7.5	10	15	15
Continuous Current @ 600 Vac		20 A	25 A	30 A	35 A
Wire Range (AWG)		16 - 12	14 - 10	12 - 10	12 - 8
Wire Type		stranded	stranded	stranded	stranded
Torque (lb.-in.)		20	20	35	35

Short Circuit Rating -

3 phase, 600 V, 5 KA.

Phase	Voltage (Vac)	Horsepower	
		GMC (D) -32 (Hp)	GMC (D) -40 (Hp)
1	115	2	3
1	230	5	5
3	200	7.5	10
3	230	10	10
3	460	20	25
3	575	20	25

Short Circuit Rating -

3 phase, 600 V, 5 KA

Phase	Voltage (Vac)	Horsepower			
		GMC (D) -50 (Hp)	GMC (D) -65 (Hp)	GMC (D) -75 (Hp)	GMC (D) -85 (Hp)
1	115	3	5	5	7.5
1	230	7.5	10	15	15
3	200	10	15	20	25
3	230	15	20	25	30
3	460	30	40	50	60
3	575	30	40	50	60
Continuous Current @ 600 Vac		70 A	80 A	90 A	100 A
Wire Range (AWG)		8 - 4	6 - 3	4 - 2	4 - 1
Wire Type		stranded	stranded	stranded	stranded
Torque (lb.-in.)		45	45	45	45
Pressure Connectors Provided					

Short Circuit Rating -

3 phase, 600 V, 10 KA

Nomenclature -

Magnetic Motor Controllers:

GMC - 9
I. II.

I - Series Designation

GMC: AC Coil Rating

GMD: DC Coil Rating

II - Model Type (See ratings)

9
12
18
22
32
40
50
65
75
85

Reversing Magnetic Motor Controllers:

GMC - 9R
I. II.

I - Series Designation

GMC: AC Coil Rating

II - Model Type (See ratings)

9R
12R
18R
22R
32R
40R
50R
65R
75R
85R

Starters:

GMS - 9
I. II.

I - Series Designation

GMS

II - Model Type

9
12
18
22
32
40
50
65
75
85

Reversing Starters:

GMS - 9R
I. II.

I - Series Designation

GMS

II - Model Type

9R
12R
18R
22R
32R
40R
50R
65R
75R
85R