

Contactor, Overload and Manual Motor Starter Selection Guide



Mini-Contactor/Overload Selection Guide

CGM	S	9	A	120	10	CGT	12	M	0.16A
Magnetic 3-Pole Mini-Contactor	Application and Terminal Style	Amperage Size	Coil Type	Coil Voltage	Built-in Auxiliary Contact Combination	Bimetallic Mini-Overload	Amperage Size	Type	Setting Ranges (Use upper limit in part number)
	Non-Reversing S - Screw (std.) F - Fast On C - Cage Clamp P - Solder Pin Reversing Type U - Screw (standard) CU - Cage Clamp FU - Fast On PU - Solder Pin	6 - 6A 9 - 9A 12 - 12A	A - AC Coil D - DC Coil	24 - 24V 120 - 120V 480 - 480V	10 - 1 NO 01 - 1 NC		12 - Up to 12A	M - Mini	0.1 ~ 0.16A 0.16 ~ 0.25A 0.25 ~ 0.4A 0.4 ~ 0.63A 0.63 ~ 1A 1 ~ 1.6A 1.6 ~ 2.5A 2.5 ~ 4A 4 ~ 6A 5 ~ 8A 6 ~ 9A 7 ~ 10A 9 ~ 13A

Midi-Contactor/Overload Selection Guide

GC	9		S	A	120		GT	12	S	0.16A
Magnetic 3-pole Midi-Contactor	Amperage Size	Application	Terminal Type	Coil Type	Coil Voltage	Built-in Auxiliary Contact Combination: Only on 9 & 12A Midi-Contactors	Bimetallic Midi-Overload	Frame Size	Terminal Type (Must match contactor terminal type)	Setting Ranges (Use upper limit in part number)
	9 - 9A 12 - 12A 18 - 18A 25 - 25A 32 - 32A 35 - 35A 40 - 40A 50 - 50A 63 - 63A 65 - 65A 75 - 75A 85 - 85A 95 - 95A	BLANK - Non-Reversing R - Reversing C - Capacitive	S - Screw L - Lug (≥35A)	A - AC D - DC	24 - 24V 120 - 120V 480 - 480V	BLANK - 1NO 01 - 1NC		12 - 9 & 12A 32 - 18,25 & 32A 63 - 35,40,50 & 63A 95 - 65,75,85 & 95A	S - Screw L - Lug (≥35A)	0.1 ~ 0.16A 0.16 ~ 0.25A 0.25 ~ 0.4A 0.4 ~ 0.63A 0.63 ~ 1A 1 ~ 1.6A 1.6 ~ 2.5A 2.5 ~ 4A 4 ~ 6A 5 ~ 8A 6 ~ 9A 7 ~ 10A 9 ~ 13A 12 ~ 18A 16 ~ 22A 18 ~ 25A 22 ~ 32A 24 ~ 36A 28 ~ 40A 34 ~ 50A 45 ~ 65A 54 ~ 75A 63 ~ 85A 70 ~ 95A

The following sizes come standard with the auxiliary outputs listed below:

18, 25 & 32A: 1NO & 1NC

35, 40, 50, 63, 65, 75, 85 & 95A: 2NO & 2NC

See data sheet for more details.

(Setting Range Guide)

- GT12
- GT32
- GT63
- GT95

Power-Contactor/Overload Selection Guide

CGC	100	120	CGT	125	50A
Magnetic 3-pole Power Contactors	Amperage Size	Coil Voltage	Bimetallic Overload	Frame Size	Setting Ranges (Use upper limit in part number)
	100 - 100A 125 - 125A 150 - 150A 180 - 180A 220 - 220A 300 - 300A 400 - 400A 600 - 600A 800 - 800A	24 - 24V AC/DC 48 - 48V AC/DC 500 - 440~575VAC		125 - 100 & 125A 150 - 150A 220 - 180 & 220A 400 - 300 & 400A 800 - 600 & 800A	34 ~ 50A 39 ~ 57A 43 ~ 65A 54 ~ 80A 65 ~ 100A 85 ~ 125A 100 ~ 150A 100 ~ 160A 120 ~ 180A 160 ~ 240A 220 ~ 300A 260 ~ 400A 400 ~ 600A 520 ~ 800A

See catalog for full listing

Note: Coil voltages 240V and below are both AC/DC. Those above 240V are AC only. See data sheet for more details.

(Setting Range Guide)

- GT-125
- GT-150
- GT-220
- GT-400
- GT-800

Manual Motor Starter Selection Guide

GMS	32	S	0.16A
Manual Motor Starter	Frame Size	Breaking Type	Setting Ranges (Use upper limit in part number)
	32 - 32AF 63 - 63AF 100 - 100AF	S - Standard Break H - High Break HI - High Break, no TOR HL - High Break, with Class 20 TOR	0.1 ~ 0.16A 0.16 ~ 0.25A 0.25 ~ 0.4A 0.63 ~ 1A 1 ~ 1.6A 2.5 ~ 4A 4 ~ 6A 5 ~ 8A 6 ~ 10A 9 ~ 13A 11 ~ 17A 14 ~ 22A 18 ~ 26A 22 ~ 32A 28 ~ 40A 34 ~ 50A 45 ~ 63A 55 ~ 75A 70 ~ 90A 80 ~ 100A

(Setting Range Guide)

- GMS-32
- GMS-63
- GMS-100