

CONSTRUCTION DETAILS:

Marking - Device is marked on adhesive-backed label, designated: Listee's name, file number, or trademarks, Type number and electrical ratings.

"60/75°C, Cu wire only", or equivalent.

"Terminal Torque __ in.-lbs (see Ratings)", or equivalent.
Torque marking may be provided loose with the equipment.

"Suitable For Use On A Circuit Capable Delivering Not More Than rms Symmetrical Amperes, Volts Maximum. When Protected by Class Fuses.", or equivalent.

The following Trademarks may be used:



Alternate Trademark



File E108780
Project 02NK15427

July 1, 2002

REPORT

on

MOTOR CONTROLLERS, MAGNETIC

LG Industrial Systems, Co. Ltd.
Chung Cheong Bug-Do, Korea

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DESCRIPTION

PRODUCT COVERED:

USL, CNL Across-the-line starters, Magnetic contactors are designated: GMD-50a, -65a, -75a, and -85a.

GENERAL:

Models GMD-50a, -65a, -75a, and -85a are open type, three pole magnetic motor controllers for use in motor control and other industrial control applications.

RATINGS:

Main Contact - Breaking all lines.

Auxiliary contact models AU-1, AU-2, AU-4 and AU-100 have been evaluated and can be found in file E206826, Volume 1, Section 1. The ratings are listed in the table below.

Model	Phase	Volts	H.P.	Auxiliary Contact ratings	Coil Voltage	Cont. Current	Torque Values
GMD-50a	1	115	3	A600, P600	12-250 V dc	70A	45 lb-in
	1	230	7.5				
	3	200	10				
	3	230	15				
	3	480	30				
	3	600	30				
GMD-65a	1	115	5	A600, P600	12-250 V dc	80A	45 lb-in
	1	230	10				
	3	200	15				
	3	230	20				
	3	480	40				
	3	600	40				
GMD-75a	1	115	5	A600, P600	12-250 V dc	90A	45 lb-in
	1	230	15				
	3	200	20				
	3	230	25				
	3	480	50				
	3	600	50				

Model	Phase	Volts	H.P.	Auxiliary Model and rating(s)	Coil Voltage	Cont. Current	Torque Values
GMD-85a	1	115	7.5	A600, P600	12-250 V dc	100A	45 lb-in
	1	230	15				
	3	200	25				
	3	230	30				
	3	480	50				
	3	600	50				

NOMENCLATURE

Devices are designated in the following manner:

GMD	50a
I	II

I	Basic Model Designation GMD
II	Type 50a 65a 75a 85a