

AC Magnetic Contactor

This AC magnetic contactor is designed for circuits of AC 50Hz or 60Hz with a rated insulation voltage of 660V and rated operating voltage up to 690V. It is used for making, breaking, frequently starting and controlling AC motors.



ADDITIONAL IMAGES



Product Overview

High-Performance GMC Magnetic Contactor

The GMC AC Contactor is a versatile control circuit device designed for making, breaking, and frequently starting AC motors. Engineered for reliability in demanding environments, it features a flame-retardant shell, high-quality copper coils, and high silver contacts for extended electrical life. This series is fully compatible with auxiliary contact blocks, timers, and thermal relays to form comprehensive motor control solutions like DOL or star-delta starters.

Technical Specifications

Key Ratings

660 V

Insulation Voltage

690 V

Max Operating Voltage

95 A

Max Operating Current

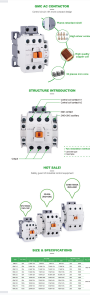
Operating Frequency

50Hz, 60Hz, 50/60Hz

Number of Poles

3P, 4P

Construction & Design



Detailed view of the GMC series structure including flame-retardant shell and high-quality copper coil components.

Internal Components

- Flame-retardant outer shell
- High silver content contacts
- High-quality copper coil
- 32-piece iron core

Installation Options

- Card slot type mounting
- Fixed type mounting

Performance Data

AC3 Duty Ratings by Model

Model	AC1 Duty (A)	380-440V (kW)	Electrical Life (x10 ⁴)
GMC-9	20	5.5kW	250
GMC-12	20	5.5kW	250
GMC-18	25	7.5kW	250
GMC-22	32	11kW	250
GMC-32	50	15kW	200
GMC-40	60	18.5kW	200
GMC-50	80	22kW	200
GMC-65	100	30kW	200
GMC-75	110	37kW	200
GMC-85	135	45kW	200

Compliance & Standards

International Standards

IEC60947-4 • IEC60947-4-1 • SEMKO • CE • CB • RoHS • TUV • CCC

Applications

Typical Applications

- AC motor starting and control
- Star-delta starters (when combined with interlocking)
- Delay contactor systems
- DOL starters (when combined with thermal relays)
- Industrial control equipment safety