



MAGNUM CONTACTOR –MaK-1

SALIENT FEATURES

Vacuum Impregnated coil, specially made to withstand extra heat and perform consistently.

Superior grade of base body (Bakelite) to withstand high temperatures.

Encapsulated coil to with-stand wide voltage fluctuations.

Exposed metal parts are treated to prevent corrosion.

Silver coated layer in contacts upto 0.3mm for best electrical conductivity.

Hum-Free.

Easy & quick mounting.

Easily operable and lowest vibrations in its class.

High mechanical and electrical endurance.

Lowest watt loss.

M A G N U M M a K - 1 CONTACTOR is a large relay, usually used to switch on/off current to an electric motor or any other high-power load. Its main purpose is to protect the high-power load (motor/pump) connected to it from over current damage. .

APPLICATIONS

Contactors are used for starting electric motors which are commonly fitted with overload protection to prevent damage to their loads, and are often used to provide central control of large lighting installations, such as an office building or retail building and also used for other electrical loads.

Contactors are used to control

- Electric motors
- Submersible pumps
- Lighting
- Heating
- Air conditioning applications
- Capacitor banks & other electrical loads.

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FUNCTIONS

- It allows load current switch to turn on or off high current equipments.
- Contactors are electromechanical control switches used to control single or multi phase powerload while the control itself can be low power.
- The main function is to make or break the circuit on receiving a command.
- Can perform millions of operations.

TECHNICAL SPECIFICATIONS

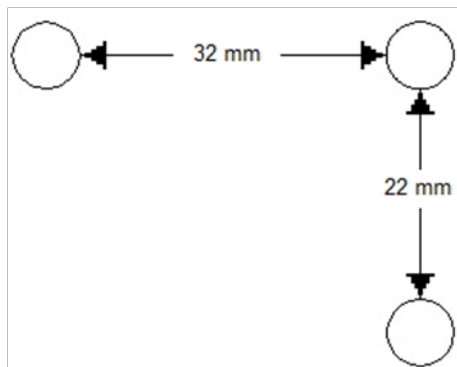
No. of Power Poles	: 4
Area	: 100×115×87mm
Weight	: 755 Gms
Rated Operational Voltage	: 240/415V, 50Hz
Insulation Voltage Ac (Ui)	: 660V
Ambient Temperature	: -25°C to 55°C
Terminal Capacity	: 1×16mm ² or 2×10mm ²
Auxiliary Contact Configuration	: 1NO + 1NC or 2NO + 2NC
Auxiliary Contact Terminal Capacity	: 2.5mm ²
Thermal Rating of Auxiliary Contact	: 6A

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SELECTION & ORDERING INFO

Sl. No.	Catalogue No.	Pole	Volts (V)	Contact Specification (mm)
1	AM154	2	220	7
2	AM241	2	220	10
3	AM242	4	415	7
4	AM244	4	415	10

DIMENSIONS TO MOUNT THE CONTACTOR (mm)



Spare Parts for MaK-I Contactor



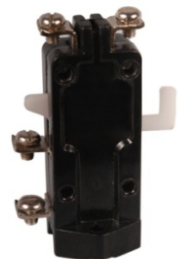
Contact Kits



Coils



Housing



Auxiliary Blocks

MAGNUM[®]

SWITCHGEAR

More Power, Better Controls.

MAGNUM PRODUCT RANGE

A. Major Product Lines

- Submersible Pump Panels – DOL, Manual & Star-Delta
- Starters – DOL & Star-Delta
- GSM Auto Switch
- Open Well Pump Panels
- Metering Panels – Standard & Deluxe

B. Sub - Assemblies

- AC Contactors
- Over Load Relays
- Preventers & Auto-Starts

C. Spares

- Contactor Housings
- Indicator Lamps / LED's
- Analogue & Digital Meters
- Run & Start Capacitors
- Coils
- Push Buttons
- Connectors
- Rotary Switches
- Motor Starter Spares
- Spare Part Kits



Single Phase Panels



AC Contactors



Star Delta Starters



3 Phase Panels