

MAGNUM MCH CONTACTOR



MAGNUM MCH 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.

SALIENT FEATURES

- Superior grade of contactor housing (Bakelite) to withstand high temperatures.
- DMC molded coil, specially made to withstand extra heat and perform consistently.
- Easily operable and lowest vibrations in its class.
- High Mechanical and electrical endurance.
- Silver coated layer in contacts up to 0.3 mm for best electrical conductivity.
- Lowest watt loss.

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 power load while the control itself can be low power.

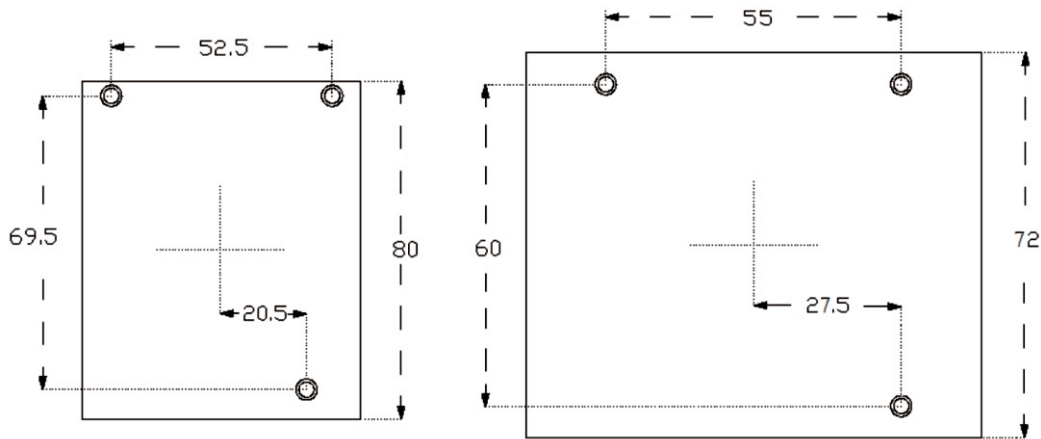
TECHNICAL SPECIFICATIONS

No. of Power Poles: 2/4	Terminal Capacity: 1 * 16 (mm) ² or 2 * 10(mm) ²
Weight: 549/653 gms	Auxiliary Contact Configuration: 1NO + 1NC or 2NO or 2NC
Rated Operational Voltage : 240/415V, 50Hz	Auxiliary contact terminal capacity: 2.5 mm ²
Insulation Voltage Ac (Ui): 660V	Thermal Rating of Auxiliary Contact: 6A
Ambient Temperature: -25°C to 55°C	Ac15 rating of Auxiliary contacts: 4A, 240/415 VAC

SELECTION AND ORDERING RATINGS

Sl. No	Catalogue No	Type	Pole	Volts (V)	Contact Specification (A)
1	AM4, 5,34	MCH	2	180,220,440	16A
2	AM6,7,35	MCH	2	180,220,440	25A
3	AM36,37,38	MCH	2	180,220,440	40A
4	AM39,40,41	MCH	4	180,220,440	16A
5	AM42,43,44	MCH	4	180,220,440	25A
6	AM45,46,47	MCH	4	180,220,440	40A

DIMENSIONS TO MOUNT THE CONTACTOR (2P & 4P)



*The specifications shown may vary from the actual product. Please contact for the latest update.

MAGNUM PRODUCT RANGE

A. Major Product Lines

•Submersible Pump Panels- D.O.L (Single and Three Phase) •Open Well Pump Panels •DOL Motor Starters

B. Sub - Assemblies

•AC Contactors • Over Load Relays •Run & Start Capacitors •Preventer with Auto-Start- Voltage Sensing

C. Spares

•Contactor Housing •Push Buttons •Coils •Connectors •E-Core •Indicator Lamps •Rotary Switches •Analogue Meters •Spare Part Kits •Motor Starter Spares

