

## MAGNUM MCH DOL STARTER



MAGNUM Three Phase MCH DIRECT ON-LINE MOTOR STARTER is a powerful controlling device for your submersible pump made with heavy duty components, which protects the pump from hazards caused due to over-current and voltage.

### APPLICATIONS

Magnum Three Phase Direct On-Line Motor Starters are reliable "Workhorses" for domestic, agricultural and industrial applications. Motor Starters are also found in many applications such as drainage, sewage pumping, general industrial pumping and slurry pumping.

#### Also used in

- Pumps
- Fans
- Cooling Compressors
- Stirrers and mixers

### SALIENT FEATURES

- Seven tank treated MS powder coated enclosure to provide better corrosion resistance.
- Rugged MCH Contactor with wide voltage band (380V to 460V).
- Fitted with MCH type relay for reliable overload protection.

### FUNCTIONS

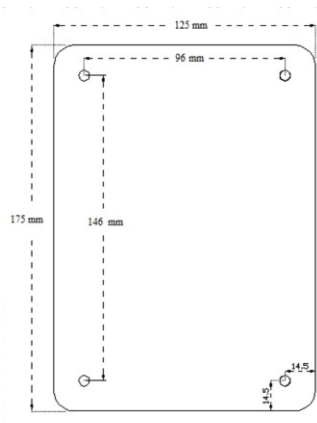
- Switches the motor on and off.
- Provides protection against over-current

### TECHNICAL SPECIFICATIONS

Contactor: MCH Contactor 4P 16/ 25/ 40A	Power range: 0.5/ 0.75/ 1/ 2/ 3/ 5/ 7.5/ 10/ 12.5/ 15 and 20 H.P
Relay: MCH Relay 3P	Three phase: 4 Poles - Coil voltage 380/415V
Area: MCH 175mm * 125mm * 125mm	Wide band of operating: 70% to 110% of rated coil voltage
Weight: 1739 Grams	Pick up voltage: Minimum 70% of coil rating
Rated Operational Voltage: 380-415V, 50Hz	Drop off voltage: Below 40% of coil rating
Insulation Voltage Ac (Vi): 660V	Terminal Capacity: 1 * 16 (mm) <sup>2</sup> or 2 * 10 (mm) <sup>2</sup>

**SELECTION AND ORDERING RATINGS**

Sl. No	Catalogue No	Type	Power (HP)	Relay Range (A)	Recommended Fuse/ MCB (HRC) (A)
1	AM117	MCH	0.5	0.72-1.14	4
2	AM118	MCH	0.75	1.07-1.7	6
3	AM119	MCH	1	1.58-2.5	10
4	AM120	MCH	2	2.4-3.8	16
5	AM121	MCH	3	3.8-6	20
6	AM122	MCH	5	6-9.3	25
7	AM123	MCH	7.5	8.9-13.5	35
8	AM86	MCH	10	13.2-20	50
9	AM124	MCH	12.5	17.4-24	50
10	AM125	MCH	15	22-30	63
11	AM126	MCH	20	28-40	63

**DIMENSIONS TO MOUNT THE STARTER (mm)**

\*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

