



Introduction

Magnum MaK-1 Dol Motor Starter S.P is a powerful controlling device for your motor, made with heavy duty components, which switches and protects your device from hazards caused due to over-current.

Magnum MaK-1 Dol Motor Starter Single Phase

Salient Features

1. Powder coated MS enclosure for corrosion resistance & sturdiness.
2. Rugged MaK-1 Contactor with wide voltage band (150V to 240V).
3. Fitted with MaK-1 type relay for reliable overload protection.
4. A latch on the push button can be used to keep the stop button locked, thus preventing accidental starting.
5. On/Off status is visible through the window provided on top of the enclosure.
6. Easy & quick mounting. Ergonomic design with aesthetic looks.

Applications

Magnum Single phase direct on-line motor starters are reliable "Workhorses" for domestic, agricultural and industrial applications. Motor Starters are found in many applications such as

- * Motors
- * Fans
- * Compressors, Lathes and other machinery
- * Stirrers and mixers

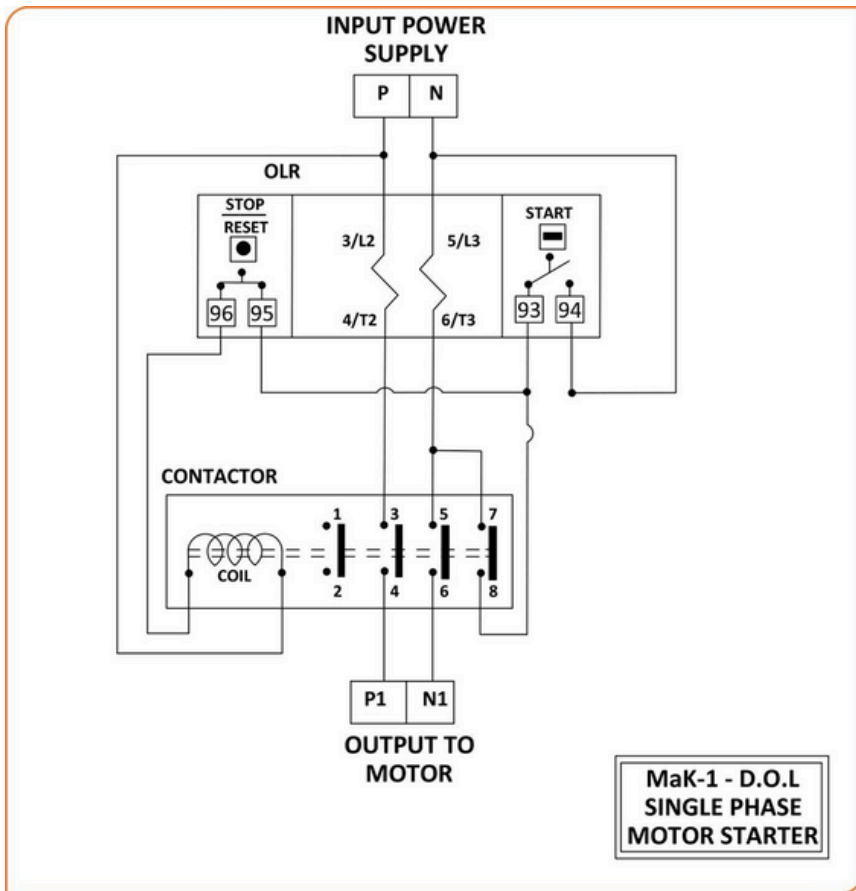
Functions

1. Switches your motor on and off.
2. Protects the motor from over-current.
3. Trips when there is a persistent overload on the motor.
4. Ensures reliable performance in high temperatures, humidity & under-voltage conditions.

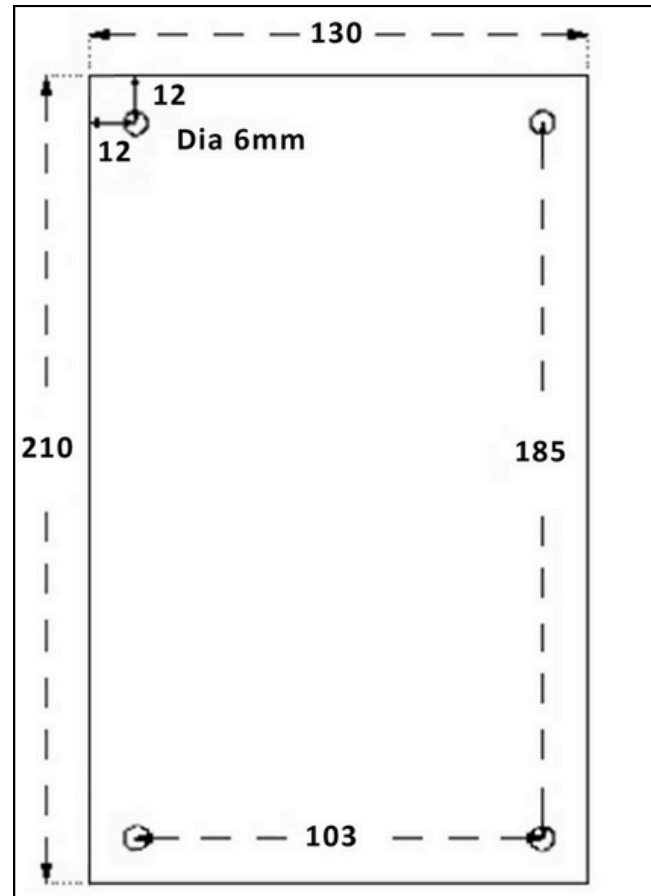
Technical Specifications

1. Enclosure: Powder Coated Mild Steel
2. Current: AC
3. Operating Voltage: 70% to 105% of coil voltage
4. Pick up voltage: Minimum 70% of coil voltage
5. Drop off voltage: Below 50% of coil voltage
6. Contactor: MaK-1 / MaK-1 2 Pole
7. Relay: MaK-1 2 Pole
8. Area: (220 * 140 * 120) mm
9. Net Weight: 1.6 - 1.8 Kilograms
10. Insulation Voltage AC (Vi): 660V
11. Frequency & Ambient Temperature: 50Hz & (-25°C to +55°C)
12. Terminal Capacity: 1 * 16 mm² or 2 * 10 mm²
13. Power range: Up to 3 HP/32A
14. Coil Voltage: 220 V
15. Phase: 1 Phase
16. Number of cable entries: 2+2 (top+bottom)
17. Enclosure cover: Detachable
18. Country of origin: **MADE IN INDIA**

Circuit Diagram



**Mounting Template (mm):
(Not to Scale)**



Selection & Ordering info.

Relay Range (Amps)	1.5-2.5	2.5-4	4-6.5	6-10	9-14	11-18	13-21	20-32
Power in H.P.	0.25	0.5	0.5	1	1.5	2	2	3
Cat Number (MaK-1)	SSK2	SSK4	SSK6	SSK10	SSK14	SSK18	SSK21	SSK32
Standard Pkg.	12/range							

Links

Product page - <https://kalpcontrols.com/product/mak-1-single-phase-dol-starter/>
 Video url - <https://www.youtube.com/playlist?list=PLOXFfzEEAifkh5ajY56jFjPxVYGGQwDnX>