



ICM UMSR-50

UNIVERSAL MOTOR STARTING RELAY

SPECIFICATIONS

Input:

- **Voltage Rating:** 110-270 VAC, Single Phase
- **Maximum Voltage Contact Rating:** 502 VAC (absolute)

Motor Power Rating: Up to 10 HP

Operating Position: Non-positional

Safety Time Out: <2-seconds

Consumption: 5VA max.

Insulation: Class B (130°C); Conforms to IEC 1000- standards
(6kV impulse / 6kV contact)

Life Expectancy (minimum operations):

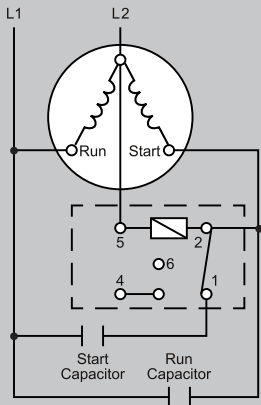
- **Mechanical:** 1×10^6
- **Electrical:** 1×10^6 at 16A 400VAC
 5×10^5 at 35A 400VAC (break only)
 5×10^5 at 50A 400VAC (break only)

Contact Rating:

30A (break only), 400 VAC $\cos \phi = 0.7$ to 0.8
50A (break only), 400 VAC $\cos \phi = 0.7$ to 0.8

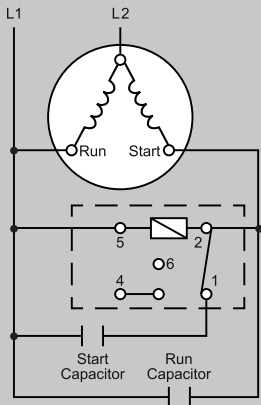
WIRING DIAGRAM

Standard Wiring Diagram



Terminal 4 = Common Park Terminal
Terminal 6 = Common Park Terminal

Alternative Reduced Arcing Configuration



Terminal 4 = Common Park Terminal
Terminal 6 = Common Park Terminal