

ICM UNIVERSAL MOTOR START RELAY

Replacement for all standard potential relays

Features

- Patented differential voltage sensing
- No user-adjustments required
- Non-positional mounting configuration
- 50A switching capabilities
- Universal mounting bracket for easy installation
- .250" quick connect termination
- Safety timer
- 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: Approximately 1-second per 100 microfarads
- Consumption: 5VA max.
- Insulation: Class B (130°C); Conforms to IEC 1000- standards (6kV impulse / 6kV contact)
- Life Expectancy (min. operations):
 - Mechanical: 1 x 10⁶
 - Electrical: 1x10⁶ at 16A 400 VAC, 5x10⁵ at 35A 400 VAC (break only), 5x10⁵ at 50A 400 VAC (break only)



UMSR-50B-LF

Application

Ideal for A/C, commercial refrigeration, heat pump, or any single-phase motor application up to 10HP

Item ID	Voatage Rating Input	Max. Voltage Contact Rating Input	Motor Power Rating	Position
UMSR-50B-LF	110-270 VAC	502 VAC (absolute)	Up to 10 HP	Non-positional