

KLIXON | 18HM

Single Phase Hermetic Motor Protector

WORLD CLASS DESIGN AND PERFORMANCE

The 18HM Hermetic AC Motor Protector delivers the benefit of locked rotor and overload protection in a robust hermetic package.

Sensata Technologies has been the leading global supplier of motor protection for over 50 years.

Features

- Incorporates the world leading Klixon snap action bimetal
- Line break / Automatic reset
- Low profile permits the device to be installed directly on the compressor's power terminal pins within a cluster block housing for closely coupled temperature monitoring
- Enhanced over-temperature protection against running overload high / low voltage locked rotor loss of refrigeration charge shorted capacitor high discharge temperature
- Rugged welded construction,

Benefits

- Reduced installation costs
- Optional termination
- Compliant with RoHS (European Directive 2002/95/EC Restrictions On Use Of Hazardous Substances)

Applications

- Air Conditioning Compressors

Technical Specifications

Compressor Range:	Up to 2HP
Rated Voltage:	230 Volts
Rated Current:	60 Amps
Opening Temperature:	100°C to 180°C (5°C Increments)
Closing Temperature:	To suit application $\pm 9^\circ\text{C}$
Pressure Rating:	2100 PSIG 145 bar

Current ratings are based on life test data which has demonstrated high reliability at 0.7 power factor on Sensata test boards. These capacities are intended as a guide for application work.

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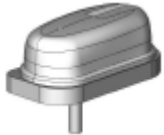
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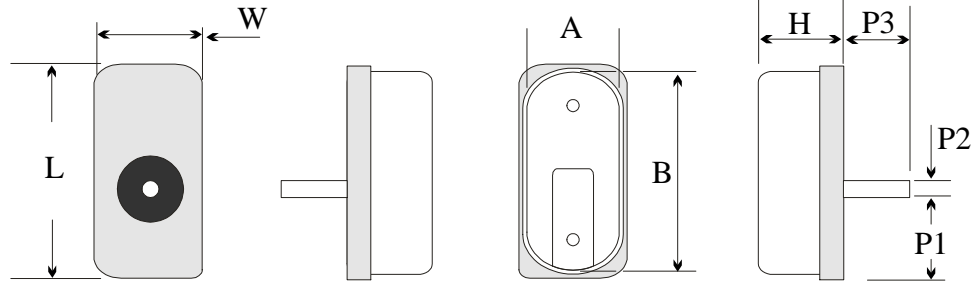
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Envelope Dimensions

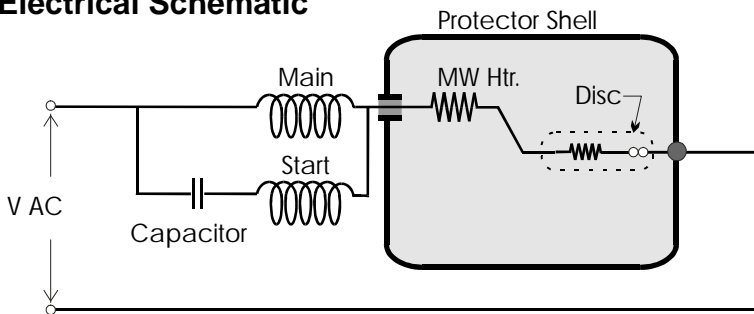


Actual Size



Unit	L	W	H	P1	P2	P3	A	B
mm	20.5	10.5	8.5	7.0	1.7	6.5	9.0	19.0
Ins	0.807	0.413	0.335	0.276	0.067	0.256	0.354	0.748

Electrical Schematic



UL & Canadian-UL File # E15692
 CQC File # CQC07002018881
 KEMA (ENEC) File # 2018218.05

Coding System

When making an inquiry for KLIXON hermetically sealed motor protectors, be certain to specify the entire part number for your application, if known.

The six digits following the series identification indicate your specific electrical and physical requirement.

18HM XXX XXX

Basic Part Number

Termination

- Quick Connects
- Wire Leads
- Sleeves etc

Electrical Characteristics



The World Depends On Sensors and Controls

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