

KLIXON | 19HM

Single Phase Hermetic Motor Protector

WORLD CLASS DESIGN
AND PERFORMANCE

The 19HM 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
- 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

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)

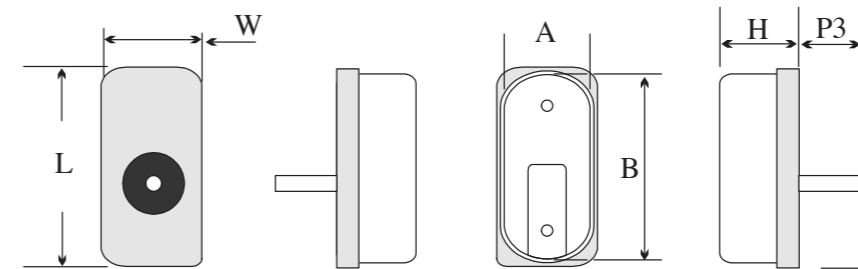
Closing Temperature:

To suit application ± 9°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.



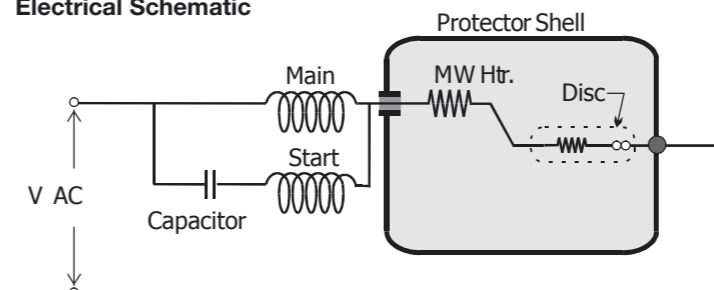
Unit	L	W	H	P1	P2	P3	A	B
mm	20.5	10.5	8.5	7.4	1.3	6.5	9.0	19.0
Ins	0.807	0.413	0.335	0.289	0.051	0.256	0.354	0.748

Envelope Dimensions



Actual Size

Electrical Schematic



UL & Canadian-UL File # E15692
CQC and KEMA (ENEC)
approval pending

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.

19HM Code System

