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Product Name :
Electrical Faults In Refrigerant Compressors

Product Code :
LBNY-0005-12500049



Description :

The electrical components for the start and operation of a refrigerant compressor are clearly visibly arranged in a transparent showcase and already wired. The capacitor and start-up relay required for the motor are examined. Identifying electrical faults in refrigeration systems requires comprehensive knowledge this knowledge includes the design and operation of the individual electrical components as well as the reading of circuit diagrams. It helps to acquire this knowledge. The simulation of 15 different faults, e.g. coil fracture in the motor, short circuit in the operating capacitor or welded contacts in the start-up relay, is possible. Typical protection devices, such as circuit breaker and automatic fuse, are also arranged clearly visible.

Technical Specification :

Investigation of the electrical components for the operation of a refrigerant compressor
Real refrigerant compressor from practice
Experimental unit from the practical series for the training of mechatronics engineers for refrigeration
Circuit diagram depicted on the front panel
Identification of 15 faults: multimeter measures voltages or resistances at the lab jacks
Electrical components for the start and operation of the compressor arranged in the transparent switch cabinet
General safety devices mounted clearly visible.

Laboratory Instrument India

