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**Product Name :**  
Electrical Installation in Refrigeration Unit

**Product Code :**  
LBNY-0005-12500082



#### **Description :**

Design and investigation of circuits with electrical components from refrigeration  
Electrical components mounted clearly visible and connected on terminal blocks  
Experimental unit from the practical series for the training of mechatronics engineers for refrigeration  
3 pressure switches, 2 thermostats, 1 solenoid valve, 1 timer, 4 circuit breakers, 5 contactors, 3 relays, 2 capacitors  
1 set of cables with wire end ferrules for wiring electrical components on terminal blocks  
5 lamps to simulate consumers

#### **Technical Specification :**

3 pressure switches  
Differential pressure: 0,3...4,5bar  
2 thermostats: -5...20°C  
High pressure: 8...32bar  
Low pressure: -0,9...7bar  
Switching time: 1...60min  
1 timer  
2 switchable outputs.

4 circuit breakers  
Thermistor circuit breaker  
Bimetallic circuit breaker  
Adjustable protection relay

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Circuit breaker with start-up current limiter

5 contactors

3x: 4 NO

2x: 3 NO, 1 NC

3 relays

Ptc start-up relay

Time relay

Electromagnetic start-up relay.



**Laboratory Instrument India**