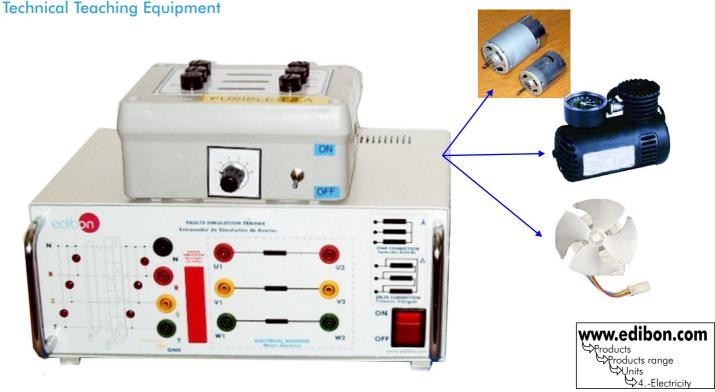
# edibon

## **Electrical Faults Simulation Trainer**

**ESAE** 



#### **SPECIFICATIONS**

#### Steel box

 $\label{thm:panel} Diagram\ in\ the\ front\ panel\ with\ similar\ distribution\ that\ the\ elements\ in\ the\ real\ unit.$ 

With this trainer the following troubles or faults, among others, may be fixed and determined:

- Power off.
- Fuse blown.
- Defective main circuit broker.
- Defective leak current coil relay.
- Ground fault.
- Detection of fault on the supply voltage.
- Capacitor:

Starting capacitor open and run capacitor open.

Starting capacitor shorted and run capacitor shorted.

- Thermostat contacts stuck open and closed.
- Relay contacts stuck closed.
- Relay windings open.
- Fan:

 $Fan\,motor\,windings\,open\,and\,shorted.$ 

Fan relay windings open and shorted. Fan relay contacts stuck closed. Fan relay contacts are rusting. Fan thermostat contacts stuck closed. Fan thermostat sensor bulb stuck opened.

- Motor:

Starting motor windings open and shorted.

Running motor windings open and shorted.

- Compressor:

Thermal overload open.

Compressor motor winding grounded.

- Low voltage.

Cables and Accessories, for normal operation.

Manuals

This unit is supplied with several manuals: Required Services, Assembly and Installation, Starting-up, Safety, Maintenance & Practices Manuals.









### **REQUIRED SERVICES**

- Electrical supply: single phase, 220V. / 50Hz. or 110V. /60Hz.

**DIMENSIONS & WEIGHTS** 

-Dimensions: 400 x 330 x 400 mm. approx.

-Weight: 10 kg approx.

\* Specifications subject to change without previous notice, due to the convenience of improvements of the product.



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