

AC Ammeter 581406 (8425-00)

FESTO

LabVolt Series

Datasheet



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General Description

The AC Ammeter module is fitted with three separate multi-range ac ammeters for simultaneous measurement of three-phase currents. Two of the three meters have identical ranges while the third instrument has one additional higher range for measurement of the starting current of single-phase motors. Meter ranges and scalar values of each instrument have been carefully selected for compatibility and are appropriate for the electrical values to be measured. All meter readings are direct indications and do not require the indicated value to be mentally multiplied by a constant.

All meters are diode-protected against burnout, should the students miswire a meter by range or function. This permits the greatest latitude of student involvement without fear of damaging equipment. All meters are terminated by 4 mm color-coded safety sockets.

Specifications

Parameter	Value
Ammeter Ranges	
High (Two Meters)	0-0.5 A / 2.5 A / 8 A
Low (One Meter)	0-0.5 A / 2.5 A / 8 A / 25 A
Accuracy	2%
Type of Instrument	Panel meter - 65 mm (2.5 in)
Type of Movement	Moving vane and current transformer
Physical Characteristics	
Dimensions (H x W x D)	154 x 287 x 440 mm (6.1 x 11.3 x 17.3 in)
Net Weight	4.8 kg (10.6 lb)
Shipping Weight	6.4 kg (14.1 lb)

Reflecting the commitment of Festo Didactic to high quality standards in product, design, development, production, installation, and service, our manufacturing and distribution facility has received the ISO 9001 certification.

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