

Resistive Load 594820 (8311-PC)

FESTO

LabVolt Series

Datasheet



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Festo Didactic
en 230 V - 50 Hz
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General Description

The Resistive Load consists of a module housing nine wire-wound power resistors arranged in three identical banks. Each bank consists of three resistors connected in parallel that can be switched on or off with toggle switches to obtain various resistance values. This allows the total (equivalent) resistance of each bank to be increased or decreased by steps. Six safety banana jacks on the module front panel provide access to each resistor bank. The three resistor banks can be connected separately for operation in three-phase circuits. Also, the three resistor banks can be connected together for operation in single-phase circuits.

The Resistive Load is commonly used in conjunction with other basic load modules, like the Inductive Load and the Capacitive Load to experiment with the effects of different types of load on a circuit.

test

Specifications

Parameter	Value
Resistors	
Quantity	Three identical banks of three resistors
Resistance Values (Each Group)	1100/2200/4400 Ω
Nominal Voltage	230 V ac/dc
Resistance Value Accuracy	$\pm 5\%$
Load at Nominal Voltage (Each Bank)	
Power	84 W
Current	0,523-0,366 A
Steps	Seven, of equal increment
Current Increment	0,523 A
Conformity/Directives	CE and RoHS
Physical Characteristics	
Dimensions (H x W x D)	297 x 266 x 140 mm
Net Weight	5,5 kg

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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