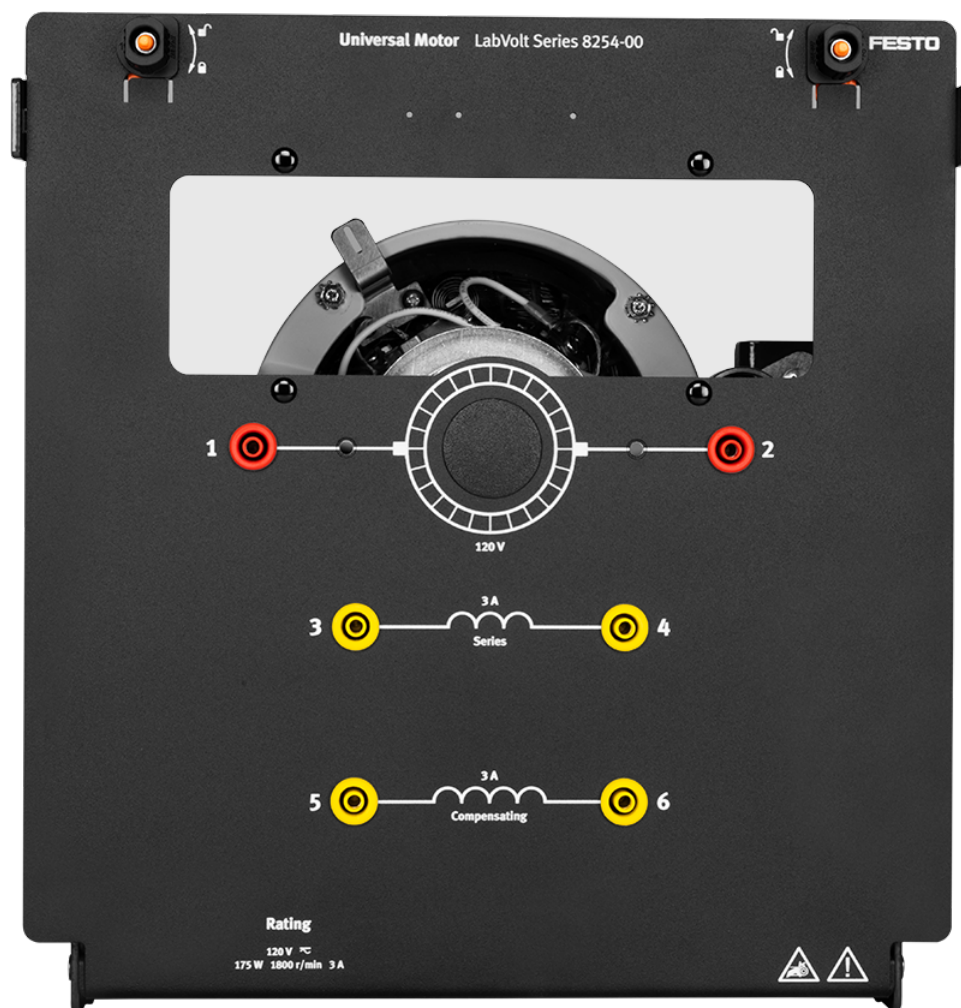


Universal Motor 579774 (8254-00)

FESTO

LabVolt Series

Datasheet



* The product images shown in this document are for illustration purposes; actual products may vary. Please refer to the Specifications section of each product/item for all details. Festo Didactic reserves the right to change product images and specifications at any time without notice.

Festo Didactic
en 120 V - 60 Hz
04/2025

Table of Contents

General Description	3
Specifications	3

General Description

The Universal Motor is a 0.2 kW universal machine mounted in a full-size EMS module. Its commutator bars and adjustable brushes are exposed to allow students to study the effect of armature reactions and commutation while the machine is running under load. The armature winding, the series field winding, and the compensation winding are terminated independently on the module front panel by 4 mm color-coded banana jacks. Students can observe the effects of both inductive and conductive compensation on motor speed and torque for both ac and dc input voltage sources.

Specifications

Parameter	Value
Rating	
Voltage	120 V ac/dc
Mechanical Power	175 W
Full-Load Speed	1800 r/min
Full-Load Current	3 A
Physical Characteristics	
Dimensions (H x W x D)	308 x 287 x 420 mm (12.1 x 11.3 x 16.5 in)
Net Weight	14.4 kg (31.7 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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