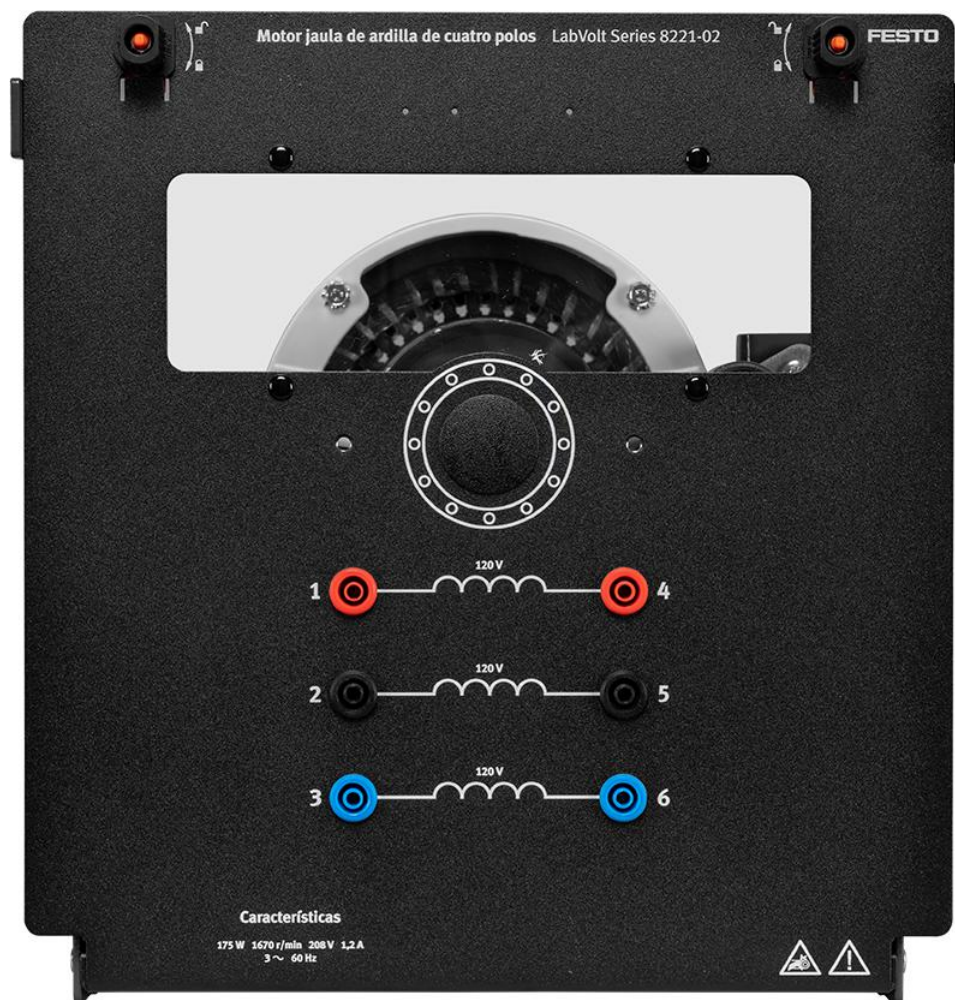


# Four-Pole Squirrel-Cage Induction Motor 579496 (8221-0A)

**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 240 V - 50 Hz  
02/2025

## Table of Contents

<b>General Description</b>	<b>3</b>
<b>Specifications</b>	<b>3</b>

## General Description

The Four-Pole Squirrel-Cage Induction Motor is a 0.2 kW squirrel-cage induction machine mounted in a full-size EMS module. The machine stator windings are independently connected (six jacks), allowing connection in either wye or delta configuration. Connections to the machine are made through color-coded safety banana jacks located on the front panel on the module.

The front panel of the Four-Pole Squirrel-Cage Induction Motor module can be opened to install a Timing Belt on the pulley of the machine shaft. This permits mechanical coupling of this machine a dynamometer or prime mover. When driven by a prime mover, the Four-Pole Squirrel-Cage Induction Motor operates as a three-phase asynchronous generator.

## Specifications

Parameter	Value
<b>Ratings</b>	
Stator Voltage	240/415 V, 50 Hz, 3-phase
Mechanical Power	175 W
Nominal Speed	1395 r/min
Nominal Current	0.46 A
<b>Physical Characteristics</b>	
Dimensions (H x W x D)	308 x 287 x 420 mm (12.1 x 11.3 x 16.5 in)
Net Weight	13.5 kg (29.7 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.

Festo Didactic reserves the right to make product improvements at any time and without notice and is not responsible for typographical errors. Festo Didactic recognizes all product names used herein as trademarks or registered trademarks of their respective holders. © Festo Didactic Inc. 2025. All rights reserved.

**Festo Didactic SE**

Rechbergstrasse 3  
73770 Denkendorf  
Germany

P. +49(0)711/3467-0  
F. +49(0)711/347-54-88500

**Festo Didactic Inc.**

607 Industrial Way West  
Eatontown, NJ 07724  
United States

P. +1-732-938-2000  
F. +1-732-774-8573

**Festo Didactic Ltée/Ltd**

675 rue du Carbone  
Québec QC G2N 2K7  
Canada

P. +1-418-849-1000  
F. +1-418-849-1666

**[www.labvolt.com](http://www.labvolt.com)**

**[www.festo-didactic.com](http://www.festo-didactic.com)**