

Four-Pole Squirrel-Cage Induction Motor 579491 (8221-00)

FESTO

LabVolt Series

Datasheet



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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, Model 8942, on the pulley of the machine shaft. This permits mechanical coupling of this machine to the Four-Quadrant Dynamometer/Power Supply, Model 8960. When driven by a prime mover, the Four-Pole Squirrel-Cage Induction Motor operates as a three-phase asynchronous generator.

Specifications

Parameter	Value
Ratings	
Stator Voltage	120/208 V, 60 Hz, 3-phase
Mechanical Power	175 W
Nominal Speed	1670 r/min
Nominal Current	1.2 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	13.5 kg (29.7 lb)

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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

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