

Synchronizing Module

586738 (8621-00)

FESTO

LabVolt Series

Datasheet



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General Description

The Synchronizing Module is a power control device enclosed in a half-size EMS module. The Synchronizing Module is mainly used to synchronize two ac generators. It can also be used to determine the phase sequence in three-phase circuits. The synchronizing Module has three indicator lamps indicating the relative voltage difference between two circuits. The brightness of the indicator lamps increases with the voltage difference between the two circuits. The Synchronizing Module has a three-phase switch mounted on the module front panel. This three-phase switch is a triple-pole, single-throw switch. Each phase leg of the three-phase switch is protected against overcurrents and short-circuits by a thermal-magnetic circuit breaker.

The EMS control devices are mounted in half-size modules and are designed to operate at power levels compatible with the EMS system. All components are industrial components and are mounted within the modules to permit visual inspection. Where necessary, these components are protected against overload or short circuit by thermal-magnetic circuit breakers. The components are terminated on the module faceplate by 4-mm color-coded banana jacks and are identified by schematic symbol, numbered terminal code, and electrical rating.

Specifications

Parameter	Value
Rating	
Each Phase	240 V – 2 A ac
Light Bulbs	130 V – 2.6 W – BA9S
Circuit Breakers	2 A
Physical Characteristics	
Dimensions (H x W x D)	154 x 287 x 410 mm (6.1 x 11.3 x 16.1 in)
Net Weight	3.6 kg (7.9 lb)

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