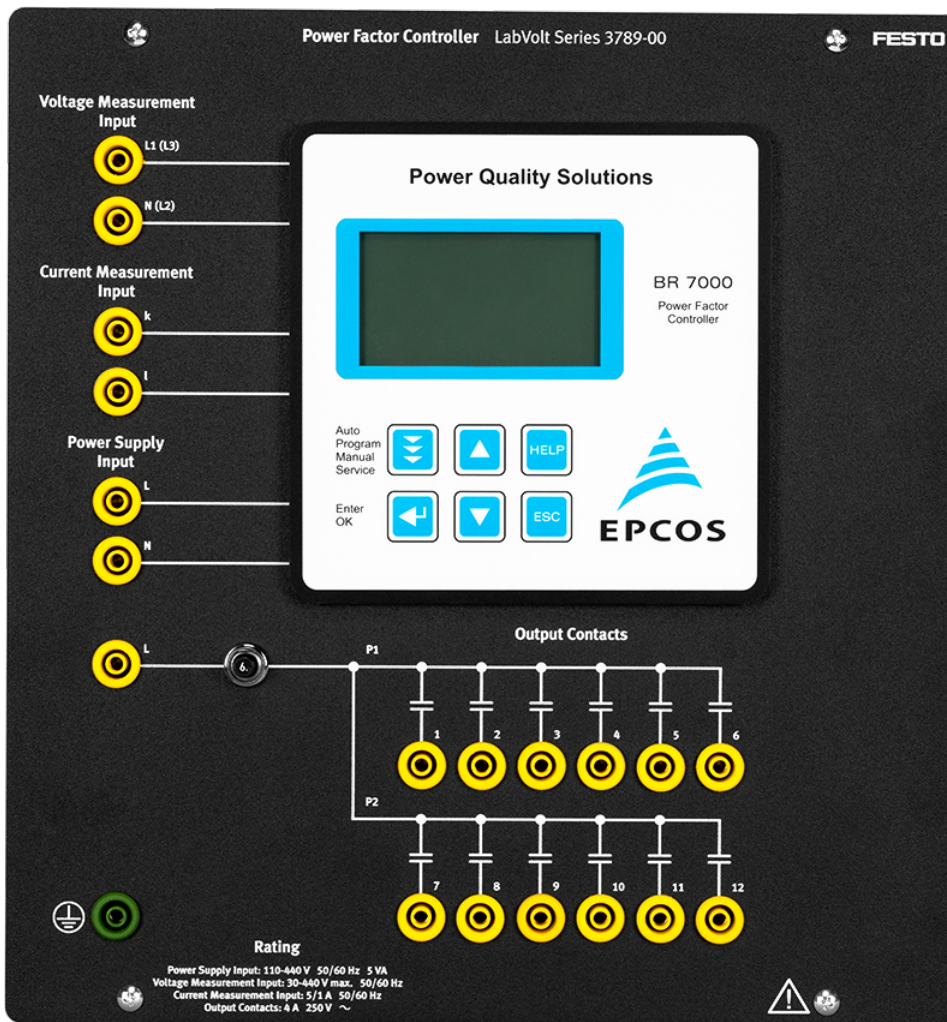


Power Factor Controller 8114812 (3789-00)

FESTO

LabVolt Series

Datasheet



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General Description

The module consists of an industrial power factor controller with the necessary connections to connect proper capacitor banks. This PF controller determines the three-phase power values and power factor at the power entrance of the application in which the system is used by measuring one voltage (line-to-neutral voltage or line-to-line voltage) and one line current. For this purpose, the unit has a voltage measurement input and a current measurement input. The unit is thus suitable for power factor correction in balanced, three-phase electric power systems controlling up to 12 capacitor banks.

The controller can be used in three different operating modes: Programming, Manual Mode and Expert Mode. It can be programmed in various schemes of capacitor banks to replicate standard setups seen in the industry.

Specifications

Parameter	Value
Power Factor Controller	
	TDK BR 7000
Power Supply Input	
Voltage	110-440 V
Frequency	50/60 Hz
Power Consumption	5 VA
Measurements	
Voltage Input	30-440 V max. - 50/60 Hz
Current Input	5/1 A - 50/60 Hz
Contacts (12)	
Output	4 A - 250 V - AC

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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