

Schneider Series Service Manual

170BDO94650

1. Description

The 170BDO94650 from Schneider Electric is an output module designed for the Modicon Momentum series. This device supports 16 output channels and operates with AC voltage ranging from 115 to 230V, functioning efficiently at 50 or 60 Hz. It is CE marked, indicating compliance with necessary safety standards and regulations.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon Momentum
Part	Number 170BDO94650
Product	Output module
Number	of Outputs 16
Voltage	Type AC
Voltage	Rating 115-230V AC
Frequency	50/60 Hz
CE	Marked Yes
Output	Group 1 group
Operating	Temperature 0 to 40 degrees Celsius
Maximum	Operating Altitude 1000 meters above sea level without derating
Maximum	Operating Humidity 80% RH without condensation
Maximum	Storage Humidity 80% RH without condensation
Description	
The	170BDO94650 output module by Schneider Electric is part of the Modicon Momentum series, focusing on delivering reliable AC outputs. It accommodates 16 outputs that function within a voltage scope of 115 to 230V AC, making it versatile for different applications. This module is engineered to operate at a frequency of either 50 or 60 Hz, catering to various industrial standards.

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Technical specifications for 170BDO94650

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It meets CE marking standards for safety, ensuring that it adheres to European regulations. Operating temperatures for this module range from 0 to 40 degrees Celsius, which is suitable for typical environments found in industrial settings. The 170BDO94650 can be installed at altitudes of up to 1000 meters without any derating, promoting flexibility in diverse locations.

The design also considers environmental factors; it can handle humidity levels up to 80% relative humidity without condensation during operation and in storage. Such features ensure that the module remains functional and consistent even in challenging environmental conditions, making it a dependable choice for various systems.