

UNITROL EXCITATION SYSTEMS

Product Data Sheet

3BHE014557R0003 UN1000b-Z,V3

unitrol 1000 voltage regulator

FUNCTION unitrol 1000 voltage regulator	FAMILY UNITROL Excitation Systems	ORIGIN Switzerland	WEIGHT 4.3 kg
--	--------------------------------------	-----------------------	------------------

UNITROL Excitation Systems 3BHE014557R0003 UN1000b-Z,V3 is a unitrol 1000 voltage regulator for the UNITROL Excitation Systems. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Input Voltage Range	85 to 265 VAC
Output Voltage	24 VDC
Output Current	10 A
Voltage Regulation Accuracy	±1% of Setpoint
Ripple and Noise	<100 mV Peak-to-Peak
Efficiency	Typically 85%
Exact Article Code	3BHE014557R0003 UN1000b-Z,V3
Board Designation	UN1000b-Z,V3
Product Family	UNITROL Excitation Systems
Component Type	Unitrol 1000 Voltage Regulator

ADDITIONAL PRODUCT DATA

Assembly Class	ABB PCB assembly
System Interface	UNITROL Excitation Systems control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board

OFFICIAL APPLICATIONS

- Operate the documented unitrol 1000 voltage regulator: Use 3BHE014557R0003 UN1000b-Z,V3 only in the UNITROL Excitation Systems equipment position identified by the installed hardware list. Match the complete ABB article code, board designation and electrical interface before work begins.
- Restore every recorded connection: Photograph connector keying, terminal references, cable routing, protective earth and adjacent assemblies for 3BHE014557R0003 UN1000b-Z,V3. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHE014557R0003 UN1000b-Z,V3, check power-up indications, controller or converter diagnostics and the affected control function. Record measured results and maintenance acceptance before returning the equipment to service.

SYSTEM COMPATIBILITY

Match 3BHE014557R0003 UN1000b-Z,V3 to the installed UNITROL Excitation Systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB UNITROL Excitation Systems documentation](https://new.abb.com/control-systems)

<https://new.abb.com/control-systems>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM