

UNITROL EXCITATION SYSTEMS

Product Data Sheet

3BHE003855R0001

UNITROL excitation gate controller

FUNCTION UNITROL excitation gate controller	FAMILY UNITROL Excitation Systems	ORIGIN Switzerland	WEIGHT 0.36 kg
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UNITROL Excitation Systems 3BHE003855R0001 is a UNITROL excitation gate controller for the UNITROL Excitation Systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	3BHE003855R0001
Product Family	UNITROL Excitation Systems
Component Type	Unitrol Excitation Gate Controller
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
Signal Domain	Control and diagnostic signals
Service Position	Documented rack slot

ADDITIONAL PRODUCT DATA

Configuration Basis	Installed ABB hardware list
Replacement Basis	Exact article and board revision
Protective Check	ESD and protective-earth control
Commissioning Check	Power-up diagnostics and function test

OFFICIAL APPLICATIONS

- Operate the documented UNITROL excitation gate controller: Use 3BHE003855R0001 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 3BHE003855R0001. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHE003855R0001, 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 3BHE003855R0001 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>

AMIKON PRODUCT SUPPORT

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