

UNITROL EXCITATION SYSTEMS

Product Data Sheet

3BHE012276R0102 UAD143 A102

communication module

FUNCTION communication module	FAMILY UNITROL Excitation Systems	ORIGIN Switzerland	WEIGHT 2.82 kg
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UNITROL Excitation Systems 3BHE012276R0102 UAD143 A102 is a communication module for the UNITROL Excitation Systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating Temperature	-25°C to +70°C (-13°F to +158°F)
Storage Temperature	-40°C to +85°C (-40°F to +185°F)
Humidity	5–95% RH (non-condensing)
Supply Voltage	5V DC
Power Consumption	1.2A @ 5V DC (6W)
Baud Rate	9.6 kbps to 12 Mbps (auto-detect)
Max Stations	125 slaves per segment
Redundancy Switchover	< 100 ms
Exact Article Code	3BHE012276R0102 UAD143 A102
Board Designation	UAD143 A102

ADDITIONAL PRODUCT DATA

Product Family	UNITROL Excitation Systems
Component Type	Communication Module
Assembly Class	ABB PCB assembly
System Interface	UNITROL Excitation Systems control interface
Control Supply	Documented rack control supply

OFFICIAL APPLICATIONS

- Operate the documented communication module: Use 3BHE012276R0102 UAD143 A102 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 3BHE012276R0102 UAD143 A102. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHE012276R0102 UAD143 A102, 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 3BHE012276R0102 UAD143 A102 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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