

UNITROL EXCITATION SYSTEMS

Product Data Sheet

3BHE012095R0002 UAD141A02

control module

FUNCTION control module	FAMILY UNITROL Excitation Systems	ORIGIN Switzerland	WEIGHT 2.82 kg
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UNITROL Excitation Systems 3BHE012095R0002 UAD141A02 is a control module for the UNITROL Excitation Systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating Voltage	24V DC ($\pm 10\%$)
Power Consumption	15-30W (typical)
Inrush Current	<5A for 20ms
Operating Temperature	-20°C to +60°C
Storage Temperature	-40°C to +85°C
Relative Humidity	5% to 95% (non-condensing)
Clock Speed	500-800 MHz
RAM	256MB-512MB DDR
Flash Storage	512MB-1GB
Digital Inputs	16-32 channels

ADDITIONAL PRODUCT DATA

Analog Inputs	8-16 channels
Exact Article Code	3BHE012095R0002 UAD141A02
Board Designation	UAD141A02
Product Family	UNITROL Excitation Systems
Component Type	Control Module

OFFICIAL APPLICATIONS

- Operate the documented control module: Use 3BHE012095R0002 UAD141A02 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 3BHE012095R0002 UAD141A02. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHE012095R0002 UAD141A02, 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 3BHE012095R0002 UAD141A02 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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