

UNITROL EXCITATION SYSTEMS

Product Data Sheet

3BHE014185R0002 UUD148AE02

current transducer control board

FUNCTION current transducer control board	FAMILY UNITROL Excitation Systems	ORIGIN Switzerland	WEIGHT 2.82 kg
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UNITROL Excitation Systems 3BHE014185R0002 UUD148AE02 is a current transducer control board 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
Storage Temperature	-40°C to +85°C
Humidity	5-95% non-condensing
Input Current Range	±10A (direct input)
Output Signal	4-20mA analog output
Analog Output	4-20mA (load ≤500Ω)
Accuracy	±0.5% of full scale
Bandwidth	10kHz (-3dB point)
Isolation Voltage	2500V AC
Exact Article Code	3BHE014185R0002 UUD148AE02

ADDITIONAL PRODUCT DATA

Board Designation	UUD148AE02
Product Family	UNITROL Excitation Systems
Component Type	Current Transducer Control Board
Assembly Class	ABB PCB assembly
System Interface	UNITROL Excitation Systems control interface

OFFICIAL APPLICATIONS

- Operate the documented current transducer control board: Use 3BHE014185R0002 UUD148AE02 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 3BHE014185R0002 UUD148AE02. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHE014185R0002 UUD148AE02, 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 3BHE014185R0002 UUD148AE02 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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