

UNITROL EXCITATION SYSTEMS

Product Data Sheet

3BHE013940R0002 UNS0868B-P,V2

power supply module

FUNCTION power supply module	FAMILY UNITROL Excitation Systems	ORIGIN Switzerland	WEIGHT 0.44 kg
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UNITROL Excitation Systems 3BHE013940R0002 UNS0868B-P,V2 is a power supply 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
Storage Temperature	-40°C to +85°C
Relative Humidity	5% to 95% non-condensing
Altitude	Up to 2000m without derating
Input Voltage	230V AC
Range	-15% to +10% of nominal
Frequency	50/60Hz ±5%
Output Voltages	+24V DC (±1%)
Current Ratings	24V DC
Efficiency	>88% at full load

ADDITIONAL PRODUCT DATA

Ripple	<1% of nominal output voltage
Exact Article Code	3BHE013940R0002 UNS0868B-P,V2
Board Designation	UNS0868B-P,V2
Product Family	UNITROL Excitation Systems
Component Type	Power Supply Module

OFFICIAL APPLICATIONS

- Operate the documented power supply module: Use 3BHE013940R0002 UNS0868B-P,V2 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 3BHE013940R0002 UNS0868B-P,V2. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHE013940R0002 UNS0868B-P,V2, 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 3BHE013940R0002 UNS0868B-P,V2 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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