

UNITROL F EXCITATION SYSTEM

Product Data Sheet

HIEE305120R0002 UNS0868A-P V2

External excitation power supply

FUNCTION External excitation power supply	FAMILY UNITROL F excitation system	ORIGIN Switzerland	WEIGHT 0.38 kg
---	--	------------------------------	--------------------------

ABB HIEE305120R0002 UNS0868A-P V2 is a external excitation power supply for the UNITROL F excitation system. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Product Function	External excitation power supply unit
Power Supply Version	UNS 0868A-P V2
ABB Identification	HIEE305120R2
DC Input Range	110 to 250 V DC
AC Input Rating	170 V AC
Main DC Output	240 V DC
Auxiliary Output	24 V DC contact interrogation
Auxiliary Power	16 W current limited
Input Monitoring	AC and DC voltage supervision
Status Indication	AC ON and DC ON LEDs

ADDITIONAL PRODUCT DATA

Input Protection	F1 and F2 input fuses
Parallel Operation	24 V outputs may be paralleled
Terminal Technology	2.5 mm ² spring-clamp terminals
Board Dimensions	155 × 178 mm
Mounting Style	Stand-alone assembly board

OFFICIAL APPLICATIONS

- Supply excitation electronics: Provide the 240 V DC and isolated 24 V DC supplies used by the documented UNITROL F excitation hardware.
- Monitor incoming power: Use the built-in AC and DC monitoring circuits to signal loss of the selected V2 input supply.
- Support two-channel systems: Use the permitted parallel 24 V contact-interrogation output arrangement in the documented two-channel configuration.

SYSTEM COMPATIBILITY

Match HIEE305120R0002 UNS0868A-P V2 to the installed UNITROL F excitation system, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB Hardware Description 3BHS102402 E83](#)

ABB Hardware Description 3BHS102402 E83

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM