

UNITROL EXCITATION SYSTEMS

Product Data Sheet

3BHB006338R0101 UNS0881a-P

gate driver board

FUNCTION gate driver board	FAMILY UNITROL Excitation Systems	ORIGIN Switzerland	WEIGHT 0.34 kg
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UNITROL Excitation Systems 3BHB006338R0101 UNS0881a-P is a gate driver 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	-20°C to +70°C
Storage Temperature	-40°C to +85°C
Humidity	5-95% RH (non-condensing)
Input Voltage Range	15-30V DC
Output Drive Voltage	+15V/-8V
Peak Output Current	±20A
Isolation Voltage	2500V AC
Propagation Delay	<100ns
Compatible IGBTs	1200V-1700V
Gate Resistor Range	1-10Ω

ADDITIONAL PRODUCT DATA

Input Signal	TTL/CMOS compatible
Exact Article Code	3BHB006338R0101 UNS0881a-P
Board Designation	UNS0881a-P
Product Family	UNITROL Excitation Systems
Component Type	Gate Driver Board

OFFICIAL APPLICATIONS

- Operate the documented gate driver board: Use 3BHB006338R0101 UNS0881a-P 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 3BHB006338R0101 UNS0881a-P. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHB006338R0101 UNS0881a-P, 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 3BHB006338R0101 UNS0881a-P 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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