

ABB DRIVES

Product Data Sheet

3BHB006338R0002 UNS0881a-P,V2

assembled control board

FUNCTION assembled control board	FAMILY ABB Drives	ORIGIN Switzerland	WEIGHT 1.22 kg
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ABB Drives 3BHB006338R0002 UNS0881a-P,V2 is a assembled control board for the ABB Drives. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating Temperature	-40°C to +85°C
Cooling	Conduction (heatsink required)
Vibration	10-500Hz
Processors	3x PowerPC e500mc @ 800MHz
Memory	1GB DDR3 + 512MB Flash
Control Cycle	100µs (minimum)
A/D Resolution	16-bit
Analog Inputs	16x (±10V/4-20mA)
Digital I/O	32x (24V DC, opto)
Communication	Ports

ADDITIONAL PRODUCT DATA

Exact Article Code	3BHB006338R0002 UNS0881a-P,V2
Board Designation	UNS0881a-P,V2
Product Family	ABB Drives
Component Type	Assembled Control Board
Assembly Class	ABB PCB assembly

OFFICIAL APPLICATIONS

- Operate the documented assembled control board: Use 3BHB006338R0002 UNS0881a-P,V2 only in the ABB Drives 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 3BHB006338R0002 UNS0881a-P,V2. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHB006338R0002 UNS0881a-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 3BHB006338R0002 UNS0881a-P,V2 to the installed ABB Drives, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Drives documentation](#)

<https://new.abb.com/control-systems>

AMIKON PRODUCT SUPPORT

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