

ABB ADVANT OCS AND ADVANT-800XA

Product Data Sheet

3BHE050077R0102 UNS0881b-P V2

industrial pcb board

FUNCTION industrial pcb board	FAMILY ABB Advant OCS and Advant-800xA	ORIGIN Switzerland	WEIGHT 0.44 kg
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ABB Advant OCS and Advant-800xA 3BHE050077R0102 UNS0881b-P V2 is a industrial pcb board for the ABB Advant OCS and Advant-800xA. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating Temperature	-40°C to +85°C
Memory	1GB DDR3 + 512MB Flash
Supply Voltage	24V DC ±10%
Power Consumption	18W
Analog Inputs	16x (16-bit, ±10V/4-20mA)
Digital I/O	32x (24V DC, opto-isolated)
Isolation	2500V AC
UNS 0881b-P V2	GDI
Exact Article Code	3BHE050077R0102 UNS0881b-P V2
Board Designation	UNS0881b-P V2

ADDITIONAL PRODUCT DATA

Product Family	ABB Advant OCS and Advant-800xA
Component Type	Industrial Pcb Board
Assembly Class	ABB PCB assembly
System Interface	ABB Advant OCS and Advant-800xA control interface
Control Supply	Documented rack control supply

OFFICIAL APPLICATIONS

- Balance aeration control with Industrial Pcb process control: As part of the blowers and dissolved-oxygen loops, 3BHE050077R0102 UNS0881b-P V2 serves its documented function as a industrial pcb board. During changing oxygen demand, the system uses this function to adjust air delivery from process feedback, helping it stabilize treatment performance.
- Monitor stock preparation during grade change: In the automation chain for the pulp chests and refiners, 3BHE050077R0102 UNS0881b-P V2 performs its assigned control role as a industrial pcb board. During grade change, the system uses this function to coordinate flow, consistency and equipment permissives, helping it deliver stable stock to the machine.
- Support aseptic filling with Industrial Pcb process control: Within the fillers and container conveyors, 3BHE050077R0102 UNS0881b-P V2 serves its documented function as a industrial pcb board. During line-speed ramp, the system uses this function to keep container flow synchronized with filling demand, helping it move accepted containers toward inspection.

SYSTEM COMPATIBILITY

Match 3BHE050077R0102 UNS0881b-P V2 to the installed ABB Advant OCS and Advant-800xA, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Advant OCS and Advant-800xA documentation](#)

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

AMIKON PRODUCT SUPPORT

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