

ABB ADVANT OCS AND ADVANT-800XA

Product Data Sheet

3BHE021887R0101 UBC717 BE101

ovvp-board coated

FUNCTION ovvp-board coated	FAMILY ABB Advant OCS and Advant-800xA	ORIGIN Switzerland	WEIGHT 0.15 kg
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ABB Advant OCS and Advant-800xA 3BHE021887R0101 UBC717 BE101 is a ovvp-board coated 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

Input Voltage	24 VDC $\pm$ 10%
Rated Frequency	50 Hz or 60 Hz
Current Consumption	Typically 200 mA
Max Output Power	10 W
Response Time	< 20 ms
Supply Voltage (Alternative)	24 V DC or 230 V AC
Exact Article Code	3BHE021887R0101 UBC717 BE101
Board Designation	UBC717 BE101
Product Family	ABB Advant OCS and Advant-800xA
Component Type	Ovvp-Board Coated

ADDITIONAL PRODUCT DATA

Assembly Class	ABB PCB assembly
System Interface	ABB Advant OCS and Advant-800xA control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board

OFFICIAL APPLICATIONS

- Balance chemical dosing with Ovpv Board process control: Inside the metering pumps and contact tanks, 3BHE021887R0101 UBC717 BE101 supports the configured automation role as a ovvp-board coated. During dose-setpoint correction, the system uses this function to match reagent flow to the measured process load, helping it keep treatment chemistry inside its operating target.
- Integrate stock preparation with Ovpv Board process control: During operation of the pulp chests and refiners, 3BHE021887R0101 UBC717 BE101 serves its documented function as a ovvp-board coated. During grade change, the system uses this function to coordinate flow, consistency and equipment permissives, helping it deliver stable stock to the machine.
- Govern turbine auxiliary control with Ovpv Board: Within the lube-oil pumps and turning gear, 3BHE021887R0101 UBC717 BE101 operates in its approved product-family role as a ovvp-board coated. During unit run-up, the system uses this function to coordinate permissives and auxiliary equipment states, helping it support a stable transition to rated operation.

SYSTEM COMPATIBILITY

Match 3BHE021887R0101 UBC717 BE101 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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