

ABB ADVANT OCS AND ADVANT-800XA

Product Data Sheet

3BHE022293R0101 PCD232 A106

communications i/o module

FUNCTION	FAMILY	ORIGIN	WEIGHT
communications i/o module	ABB Advant OCS and Advant-800xA	Switzerland	1.65 kg

ABB Advant OCS and Advant-800xA 3BHE022293R0101 PCD232 A106 is a communications i/o module for the ABB Advant OCS and Advant-800xA. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Module Supply	24 V DC
Isolation	500 V AC
Operating Temperature	0°C to +55°C
Storage Temperature	-40°C to +70°C
Relative Humidity	5 - 95% RH (non-condensing)
PC D232 A	PEC80-CIO
Exact Article Code	3BHE022293R0101 PCD232 A106
Board Designation	PCD232 A106
Product Family	ABB Advant OCS and Advant-800xA
Component Type	Communications I/O Module

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

- Support paper-machine draws with Communications I: As part of the press rolls and sectional drives, 3BHE022293R0101 PCD232 A106 provides its specified system function as a communications i/o module. During sheet threading, the system uses this function to maintain speed ratios between machine sections, helping it protect sheet tension during acceleration.
- Maintain reactor charging with Communications I: During operation of the feed valves, vessels and agitators, 3BHE022293R0101 PCD232 A106 provides its specified system function as a communications i/o module. During batch initiation, the system uses this function to sequence the material path against vessel readiness, helping it begin the reaction from a verified state.
- Route clean-in-place transfer with Communications I: During operation of the CIP supply and return headers, 3BHE022293R0101 PCD232 A106 operates in its approved product-family role as a communications i/o module. During sanitation transition, the system uses this function to coordinate valve paths and pump availability, helping it complete sanitation without cross-routing product.

Match 3BHE022293R0101 PCD232 A106 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.

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

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

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