

ABB ADVANT OCS AND ADVANT-800XA

Product Data Sheet

3BHE026866R0001

industrial speed module

FUNCTION industrial speed module	FAMILY ABB Advant OCS and Advant-800xA	ORIGIN Switzerland	WEIGHT 0.38 kg
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ABB Advant OCS and Advant-800xA 3BHE026866R0001 is a industrial speed module 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	-20°C to +60°C
Storage Temperature	-40°C to +85°C
Humidity	5-95% non-condensing
Power Supply	24V DC (±10%)
Tachometer input	0-10V DC or 4-20mA
Pulse input	Up to 100kHz frequency
Analog output	±10V DC or 4-20mA
Relay outputs	2x SPDT (5A @ 250V AC)
Speed Range	0-10,000 RPM (configurable)
Resolution	0.1% of full scale or better

Digital outputs	24V DC, 0.5A
Exact Article Code	3BHE026866R0001
Product Family	ABB Advant OCS and Advant-800xA
Component Type	Industrial Speed Module
Assembly Class	ABB PCB assembly

- Manage generator excitation with Industrial Speed: Across the field circuits and voltage regulation, 3BHE026866R0001 provides its specified system function as a industrial speed module. During load change, the system uses this function to adjust the assigned regulation path from operating feedback, helping it hold the electrical variable at its commanded target.
- Verify chemical dosing with Industrial Speed process control: During operation of the metering pumps and contact tanks, 3BHE026866R0001 handles its designated signal or control duty as a industrial speed module. 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.
- Protect paper-machine draws with Industrial Speed: Inside the press rolls and sectional drives, 3BHE026866R0001 performs its assigned control role as a industrial speed module. During sheet threading, the system uses this function to maintain speed ratios between machine sections, helping it protect sheet tension during acceleration.

Match 3BHE026866R0001 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>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM