

ABB DRIVES

Product Data Sheet

1HSB495663-3 1233-4270CNTHB

gas density switch

FUNCTION gas density switch	FAMILY ABB Drives	ORIGIN Germany	WEIGHT 2.6 kg
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ABB Drives 1HSB495663-3 1233-4270CNTHB is a gas density switch for the ABB Drives. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Manufacturer	ABB
Exact Article Code	1HSB495663-3 1233-4270CNTHB
Product Family	ABB Drives
Component Type	Gas Density Switch
System Class	DCS System
Mounting Format	Plug-in control rack
System Interface	ABB drive control interface
Control Supply	24 V DC control class
Channel Capacity	Model-defined channel set
Signal Standard	System-specific I/O levels

ADDITIONAL PRODUCT DATA

Electrical Isolation	Isolated field circuits
Operating Temperature	–40°C to +60°C (–40°F to +140°F)
Protection Level	Drive cabinet installation
Configuration Tool	ABB Drive Composer
Commissioning Test	I/O and diagnostic functional test

OFFICIAL APPLICATIONS

- Operate the documented gas density switch: Use 1HSB495663-3 1233-4270CNTHB in the specified ABB Drives position with the documented supply, signal range and system interface. Match the complete article code and installed rack records before service.
- Restore every documented connection: Record terminal numbers, connector keying, rack position, shields and protective earth for 1HSB495663-3 1233-4270CNTHB. Preserve the approved ABB configuration and cable routing during exchange.
- Validate the restored control function: After fitting 1HSB495663-3 1233-4270CNTHB, check power and module diagnostics, then test the affected I/O, communication, controller or measurement function at a safe operating point and record acceptance.

SYSTEM COMPATIBILITY

Match 1HSB495663-3 1233-4270CNTHB 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 manufacturer documentation](#)

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

AMIKON PRODUCT SUPPORT

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