

ACS 580

# Product Data Sheet

**3ADX50000439638**

industrial control module

|                                       |                   |                   |                  |
|---------------------------------------|-------------------|-------------------|------------------|
| FUNCTION<br>industrial control module | FAMILY<br>ACS 580 | ORIGIN<br>Germany | WEIGHT<br>0.4 kg |
|---------------------------------------|-------------------|-------------------|------------------|

ACS 580 3ADX50000439638 is a industrial control module for the ACS 580. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                    |                             |
|--------------------|-----------------------------|
| Manufacturer       | ABB                         |
| Exact Article Code | 3ADX50000439638             |
| Product Family     | ACS 580                     |
| Component Type     | Industrial Control Module   |
| 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 | -25°C to +60°C (-13°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 industrial control module: Use 3ADX50000439638 in the specified ACS 580 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 3ADX50000439638. Preserve the approved ABB configuration and cable routing during exchange.
- Validate the restored control function: After fitting 3ADX50000439638, 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 3ADX50000439638 to the installed ACS 580, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

## OFFICIAL SOURCES

[ABB ACS 580 manufacturer documentation](#)

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

AMIKON PRODUCT SUPPORT

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