

SIEMENS INDUSTRIAL AUTOMATION SYSTEMS

# Product Data Sheet

**6AV6647-0AJ11-3AX0**

industrial automation module

|                                                 |                                                        |                          |                                          |
|-------------------------------------------------|--------------------------------------------------------|--------------------------|------------------------------------------|
| <b>FUNCTION</b><br>industrial automation module | <b>FAMILY</b><br>Siemens industrial automation systems | <b>ORIGIN</b><br>Germany | <b>WEIGHT</b><br>Confirm before dispatch |
|-------------------------------------------------|--------------------------------------------------------|--------------------------|------------------------------------------|

Siemens Simatic HMI 6AV6647-0AJ11-3AX0 is a industrial automation module for the Siemens industrial automation systems. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                    |                                       |
|--------------------|---------------------------------------|
| Exact Article Code | 6AV6647-0AJ11-3AX0                    |
| Product Class      | Industrial Automation Module          |
| Product Family     | Siemens industrial automation systems |
| Supply Voltage     | 24 V DC                               |
| Display Type       | Industrial TFT operator display       |
| Touch Input        | Resistive touch screen                |
| Communication      | PROFINET Ethernet                     |
| Serial Interface   | RS 422/485 class                      |
| USB Interface      | Host or device port                   |
| Configuration      | WinCC engineering software            |

|                       |                           |
|-----------------------|---------------------------|
| Alarm Buffer          | Retentive message archive |
| Front Protection      | IP65 installed            |
| Operating Temperature | 0 to +50 °C class         |

- Integrate chemical dosing with Industrial Automation: During operation of the metering pumps and contact tanks, 6AV6647-0AJ11-3AX0 supports the configured automation role as a industrial automation 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.
- Verify web transport with Industrial Automation: For the coordinated operation of the unwinders, dancers and pull rolls, 6AV6647-0AJ11-3AX0 operates in its approved product-family role as a industrial automation module. During format change, the system uses this function to synchronize the driven sections with product position, helping it protect web tension and print registration.
- Protect ingredient dosing with Industrial Automation: Across the batch vessels and dosing valves, 6AV6647-0AJ11-3AX0 serves its documented function as a industrial automation module. During batch release, the system uses this function to align measured quantities with the active batch step, helping it hold dosing accuracy through the cycle.

Match 6AV6647-0AJ11-3AX0 to the installed Siemens industrial automation systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens official product documentation and manufacturer catalog](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6AV6647-0AJ11-3AX0>

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