

Altivar Soft Starter ATS490

V1.2IE07

1. Firmware update tool

Download and install **EcoStruxure Automation Device Maintenance** here:

- <https://www.se.com/ww/en/download/document/EADM/>

Download and install SoMove with ATS490 DTM here:

- https://www.se.com/ww/en/download/document/SoMove_FDT/
- https://www.se.com/ww/en/download/document/ATS490_DTM_Library_EN/

Carefully read the instructions contained in the **ATS490 User Manual** available here:

- <https://www.se.com/ww/en/download/document/PKR52680/>

2. Version history

- **Version 1.2 IE07**
Date of publication: 03/2026
 - Resolved an issue where an incorrect SAFF fault could occur when using a line contactor.
 - Internal fans are now activated during run mode on all devices.
- **Version 1.2 IE06**
Date of publication: 12/2025
 - VW3A3628 CANopen communication module is now completely supported.
- **Version 1.2 IE05**
Date of publication: 10/2025
 - An incorrect FFDF error was triggered on calibers D62 and D75.
 - The following security vulnerability has been addressed in this release
 - CVE-2025-7746, with the embedded Ethernet V2.4IE44
- **Version 1.2 IE04**
Date of publication: 07/2025
 - Improvement to prevent unintended INF6 occurrences at power on.
- **Version 1.2 IE03**
Date of publication: 03/2025
 - PROFINET V2 communication module (VW3A3647 ≥ V3.2IE12) supported.
 - Internal Fans turned On at Run for products from ATS490C14Y to ATS490C41Y
 - Fix Anti-Jam JAMF error auto-reset.
 - Fix phase loss error triggered when shutdown order given during Anti-Jam with line-contactors configured.
 - Current unbalance measurement correction.
 - Prevent simulation mode activation while motor running.
 - Improve System and Application logs.
 - Improve Cybersecurity user management.
 - Improve acceleration robustness in high load configuration, to avoid remaining in ACC state.
 - Improve detection of phases loss at same time as run order given.
 - Improve detection of phases loss during braking.
 - Improve overload detection (BYF4 and OCF errors)
 - Improve phase loss detection in simulation mode.
 - Improve HMI Keypad navigation.

- **Version 1.1 IE02**
Date of publication: 10/2024
 - Fan thermal threshold changed.
- **Version 1.1 IE01**
Date of publication: 09/2024
 - Initial firmware release of ATS490.

3. Known limitations

- CFI2, CFF and/or SPFC error triggered in case of downward configuration transfer (.bki, .cfg and .secp) to V1.1 firmware.
- Firmware downgrade to V1.1 triggers CFF and SPFC errors.
- Graphic display terminal (VW3A1111): Store and restore of cyber security configuration are not available with a graphic display terminal for firmware version < V2.3IE58/59.
- Firmware update using **EcoStruxure Automation Device Maintenance** with version 3.3 and lower must be done with minimal cyber security level configured.

4. Notes

- This firmware release contains:
 - The firmware of the ATS490 V1.2IE07
- This firmware version is compatible with:
 - Graphic display terminal (VW3A1111)
 - PROFIBUS DP communication module (VW3A3607) ≥ V1.15IE16
 - PROFINET V2 communication module (VW3A3647) ≥ V3.2IE12
 - CANopen communication modules (VW3A3608, VW3A3618, VW3A3628)
- This firmware version is not compatible with:
 - PROFINET communication module (VW3A3627)
 - EtherNet/IP, ModbusTCP communication module (VW3A372x)
 - Plain text display terminal (VW3A1113)

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