Product information

No. 796A February 2025

Software update for DRHX

The new OJ DRHX software and PC tool have been released.

OJ-DRHX-1055, OJ-DRHX-1220 and OJ-DRHX-2220,
AOC ver. 2.55 and MOC ver. 2.17

OJ-DRHX-1690 and OJ-DRHX-1790 Gen II,
AOC ver. 4.04 and MOC ver. 4.03

DRHX PC tool ver. 2.20

New:

- Serial number readout via Modbus
- Option to change analog input range for control signal
- Continue to run if selected errors occur
- Extended LED debugging
- Improved rotor guard that monitors torque ripple for increased robustness – Enable by default

Fixed:

- Overvoltage resulted in stop without alarm under rare conditions
- External rotor guard now available in the log

Affected products:
All OJ-DRHX variants will receive the new software update.

Compatibility:
OJ-DRHX-1055, OJ-DRHX-1220, OJ-DRHX-2220 with week code 40 from 2020 and onwards.
OJ-DRHX-1690 and OJ-DRHX-1790 Gen II.

Effective from:
OJ-DRHX products with week code 11, 2025 and onwards will be produced with the new AOC and MOC software.
Implementation of the new AOC 4.04 and MOC 4.05 software, in customer-specific products, will be handled according to individual agreements during the first half of 2025.

Added Functions:

Serial number readout via Modbus – It is now possible to read out the unit's serial number to provide the possible improved traceability in production.

Analog input range – It is now possible to adjust the analog input range to fit an existing system. This makes it easier to use the DRHX for spare parts in older systems and retrofits.

Continue to run – This provides the option to let the DRHX Continue to run in the event of certain errors such as false broken belt detection or lost communication with the main controller.

Extended LED debugging - The LED now gives more detailed information on alarms and errors.

Improved rotor guard – The DRHX now also monitors the torque ripple as part of the internal rotor guard. This extra layer of security increases the robustness of the internal rotor guard function. This function will be enabled as default.