ABB

CYLON® TECHNICAL BULLETIN NO. 469
Issue Date: 13 July 2021

CBT, CBV & CBX Firmware 8.3.6

Products Affected: CBT-4T4-4T, CBT-3T6-5R, CBT-4T4-2U1R, CBV-2U4-3T, CBV-2U4-3T-N, CBX-8R8, CBX-8R8H

Summary

The CBT, CBV and CBX range of controller firmware has been updated to update BACnet operation and product rebranding, and to address a number of issues.

Background

Following feedback from customers the Hysteresis Module default behaviour has been enhanced. Issues with the Time Proportional Drive Module , BACnet Analog and BACnet Binary modules have also been addressed.

Features

SYSX-367 The Time Proportional Driver Module now operates correctly when set up with large travel time.

SYSX-364 Firmware upgrade now works correctly via CBX Service Port.

SYSX-362 Issue with actuator feedback has been fixed in the VAV module.

SYSX-345 The Staging Module now behaves correctly on long term operation.

SYSX-330 Duty Standby module now operates correctly following disable/enabling when alarm.

SYSX-297 The K-factor in the VAV Flow Calculation Module now persists across backups and upgrades.

SYSX-287 The Hysteresis module has been updated to add extra setup options to the start-up output value. The default value of the output can be set by the user. To use this new feature, you will need CXpro^{HD} 1.03.01 or later.

SYSX-267 Addressed rare occurrence in which the PID Module can output Nan.

Customer Impact

Customers who have CBT, CBV and CBX controllers on-site at the start of installation/commissioning should update those controllers to this release. For previously installed products, upgrade to this version of firmware if the controllers are impacted by any of the issues outlined above.

Note: This firmware supports CBV airflow sensors both from before and after July 2021. CBVs manufactured after July 2021 must not be downgraded to earlier firmware.

The firmware can be download from our support web sites:

• North America https://cyloncommunity.com/

• Europe/ROW see http://support.cylon.com/

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