

CYLON® TECHNICAL BULLETIN NO. 491

Issue Date: 01 July 2022

CXpro^{HD} v1.06.01

Summary

Additional parameters have been added to the FusionAir module.

Background

As part of ABB's policy of continuous improvement, FusionAir Smart Sensor capability has been enhanced. CXpro^{HD} is updated in parallel to support the new features.

Features

Two new parameters have been added to the FusionAir module:

Zone Temperature (analog input)

This is an analog value that can be shown on the FusionAir device display in the place of the local FusionAir temperature sensor value, depending on the setting in the module's Temperature To Display parameter.

FusionAir Smart Sensor	
Alternative CO2 Input	Temp Output (C)
Red Accent Light	Temp Quality (L)
Green Accent Light	Humidity Output (C)
Blue Accent Light	Humidity Quality (L)
Occupancy	CO2 Output (C)
Humidification	CO2 Quality (L)
Heating Mode	VOC Output (C)
Cooling Mode	VOC Quality (L)
Efficiency	Setpoint + Override (C)
Notification	Setpoint Override (C)
Alarm	SP Override Miss Remain (C)
Override	Fan Output (C)
Active Temp Setpoint	Fan Override Miss Remain (C)
Outdoor Air Temp	Fan Override (L)
Fan Input	Sanitiser Output (C)
Sanitiser Input	Sanitiser Override (L)
Lighting Input	Sanitiser Miss Remain (C)
Clear All Overrides	Lighting Output (C)
Airflow Input	Light (Sensor) Miss Remain (C)
Pressure Input	Lighting Override (L)
Wireless On/Off Input	Dry Contact 1 (L)
Zone Temperature Input	Dry Contact 2 (L)
	Dry Contacts Quality (L)
	Touch/Temp Miss Remain (C)
	Physical Side Button (L)

Zone Temperature input

Temperature To Display (constant)

This is a setting that defines which temperature value will be shown on the FusionAir device: "Automatically Selected", "FusionAir Smart Sensor" or "Zone Temperature Input"

FusionAir Smart Sensor	
Zone Temperature Input	
Address	1
Name	
Units	Celsius
Bluetooth Enabled	ABB/PMI Clock
Commissioning Procedure	Set End User Appz On
End User Procedure	1235
Temp Default Output	60.00
Temp Calibration Offset	0.00
Temp Averaging Filter Level	200
Sensor To Monitor	Unused
Home Assist Balance	View Sensor Data
Back Light Minimum	50
Humidity Default Output	50.00
Humidity Calibration Offset	0.00
Humidity Averaging Filter Level	100
CO2 Sensor To Use	Automatically Selected
CO2 Averaging Filter Level	1200
CO2 Calibration Offset	0.00
VOC Calibration Offset	0.00
VOC Averaging Filter Level	2000
Touch Occupancy Override Time	30
Setpoint Override Offset	15.00
Setpoint Override Increment	0.10
Setpoint Override Time	120
Fan Default Output	50
Fan Override Time	120
Sanitiser Default Output	50
Sanitiser Override Time	120
Lighting Default Output	50
Lighting Override Time	120
Disable Sanitiser Button	Driven by Strategy
Disable Fan Button	Driven by Strategy
Disable Lighting Button	Driven by Strategy
Disable Sanitiser Button	Driven by Strategy
Disable Touchscreen	Touchscreen Enabled
Unless Display Decimal Places	Unless Numbers Only
Temperature To Display	Automatically Selected

Temperature To Display setting

Customer Impact

Customers who need access to the new FusionAir features should upgrade to this version of CXpro^{HD} to do so.

Any customer affected by any of the issues listed above should upgrade when convenient.