

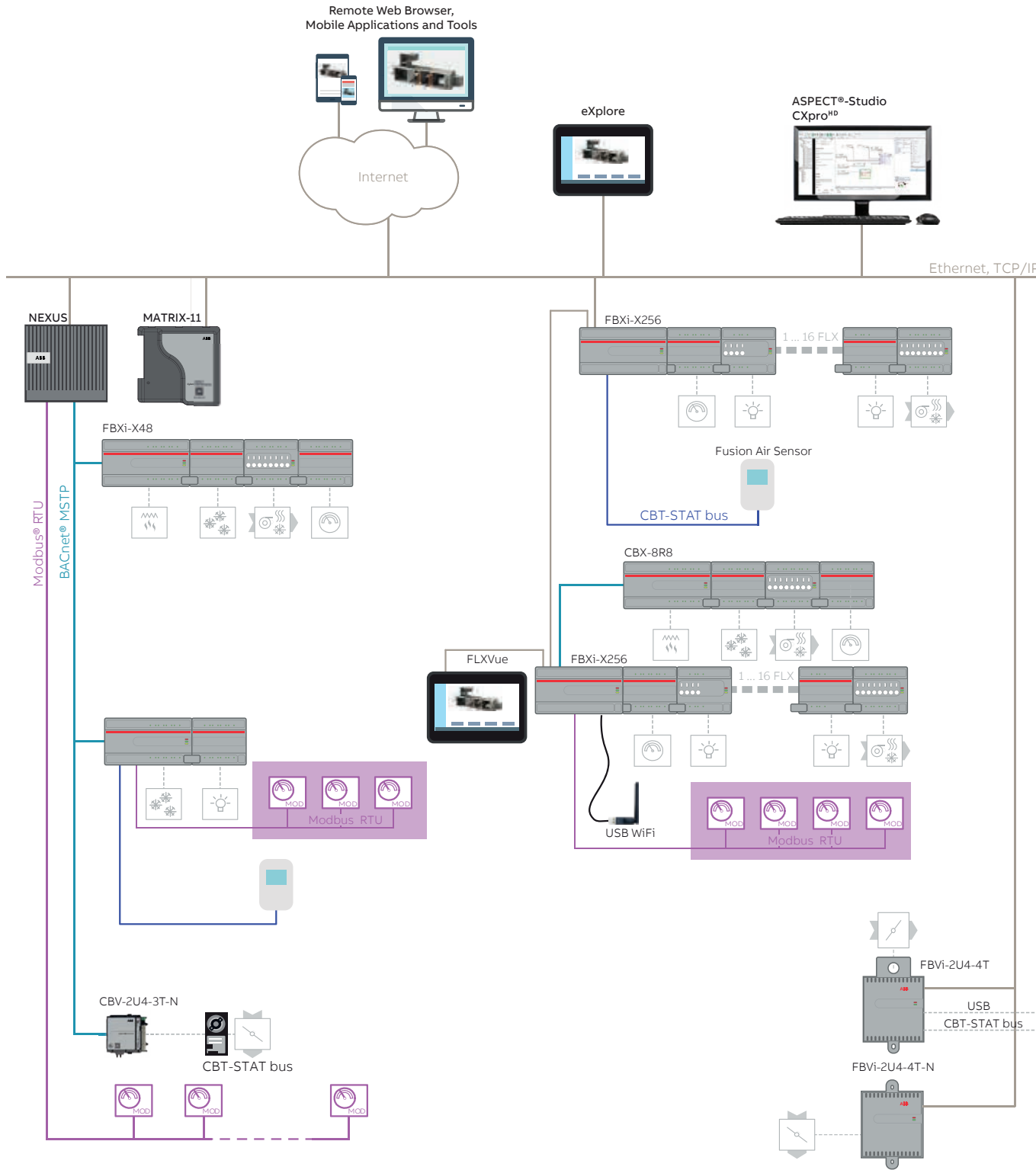


Portfolio

ABB Cylon® HVAC

Smart Building Solutions

System Architecture



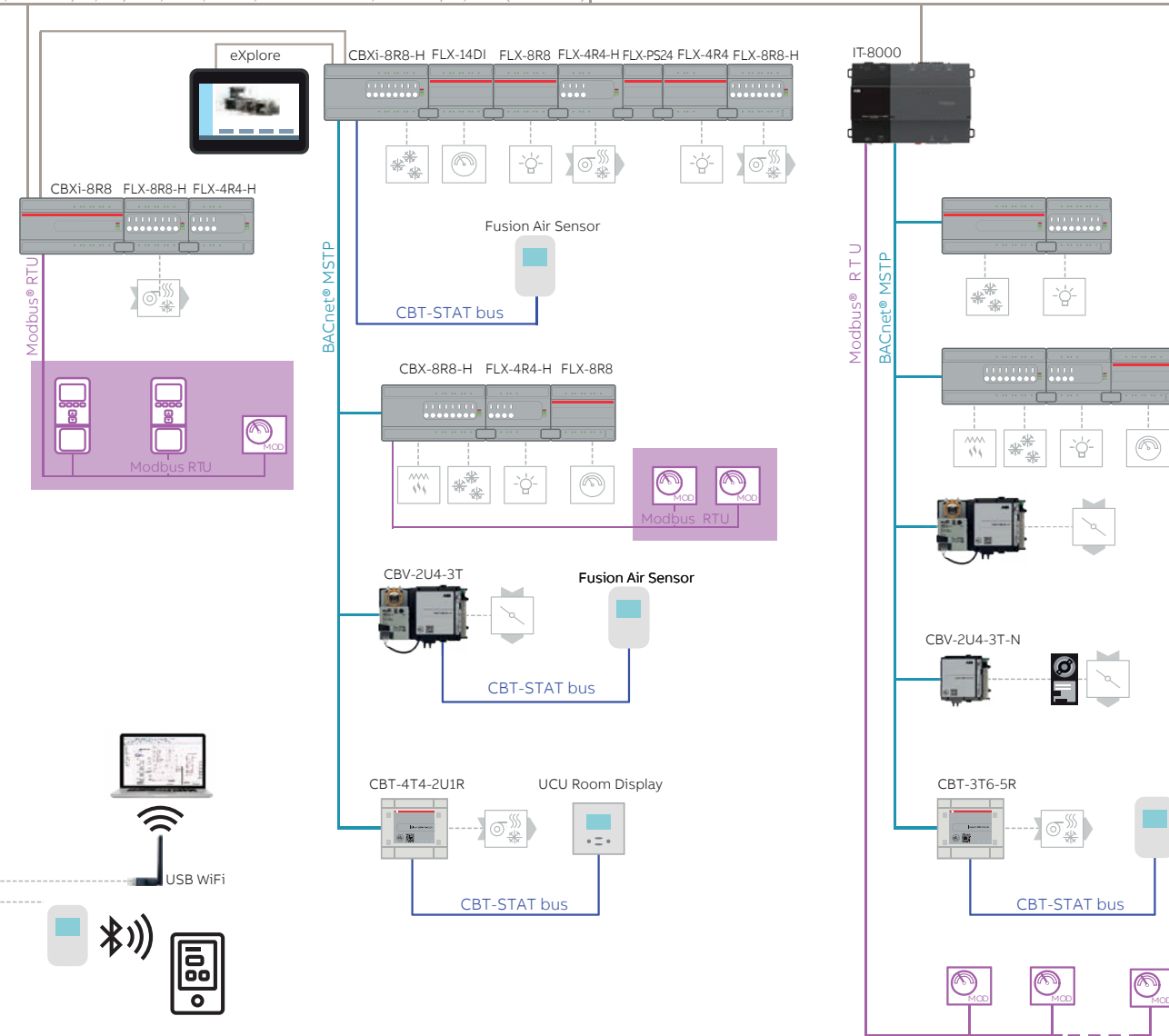
ASPECT®-Enterprise



INTEGRA™-Supervisor



, BACnet/IP, FT/Net, XML, HTTP, Modbus® TCP, Unitron/IP, Fox (INTEGRA)



BACnet® Automation Devices



FBXi-X48

FBXi-X48

Description	ABB order code
Free programmable IP-based BACnet® Building Controller (B-BC). Extensive expandable to up to 48 data points with FLX fieldbus modules. Multiprotocol communication including BACnet® IP, BACnet® MS/TP, Modbus® TCP and Modbus® RTU. Up to 320 Modbus® RTU or TCP data points for integration.	2CQG201018R1021



FBXi-X256

FBXi-X256

Description	ABB order code
Free programmable IP-based BACnet® Building Controller (B-BC). Extensive expandable to up to 256 data points with FLX fieldbus modules. Multiprotocol communication including BACnet® IP, BACnet® MS/TP, Modbus® TCP and Modbus® RTU. Up to 640 Modbus® RTU or TCP data points for integration.	2CQG201014R1021



CBXi-8R8

CBXi-8R8

Description	ABB order code
16-Point to 64-Point (using FLX modules) fully programmable IP-based BTL-listed (pending) BACnet® Building Controller (B-BC). For control and monitoring of HVAC equipment, supports simultaneous multi-protocol communications including BACnet® IP, BACnet® MS/TP, Modbus® TCP and Modbus® RTU. Controller features 8 UniPuts™ with Relay outputs (software configurable for AI, AO, DI or DO-R (Relay)) and 8 UI. Includes support for a maximum of 120 points across a maximum of 12 devices that can be a combination of Modbus® RTU or TCP.	2CQG201001R1021

**CBXi-8R8-H****CBXi-8R8-H****Description****ABB order code**

16-Point to 64-Point (using FLX modules) fully programmable IP-based BTL-listed (pending) BACnet® Building Controller (B-BC) with HOA override switches and potentiometers for UniPuts™. For control and monitoring of HVAC equipment, supports simultaneous multi-protocol communications including BACnet® IP, BACnet® MS/TP, Modbus® TCP and Modbus® RTU.

Controller features 8 UniPuts™ with Relay outputs (software configurable for AI, AO, DI or DO-R (Relay)) and 8 UI. Includes support for a maximum of 120 points across a maximum of 12 devices that can be a combination of Modbus® RTU or TCP.

2CQG201002R1021

**CBX-8R8****CBX-8R8****Description****ABB order code**

16-Point BACnet® B-AAC programmable controller, for control and monitoring of HVAC equipment.

Controller features 8 UniPuts™ with Relay outputs (software configurable for AI, AO, DI or DO-R (Relay)) and 8 UI. Includes support for 4 Modbus® RTU devices or 40 points.

2CQG201003R1021

**CBX-8R8-H****CBX-8R8-H****Description****ABB order code**

16-Point BACnet® B-AAC programmable controller with HOA override switches and potentiometers for UniPuts™. For control and monitoring of HVAC equipment.

Controller features 8 UniPuts™ with Relay outputs (software configurable for AI, AO, DI or DO-R (Relay)) and 8 UI. Includes support for 4 Modbus® RTU devices or 40 points.

2CQG201004R1021

Extensions for BACnet® Automation Devices



FLX-8R8

FLX-8R8

Description	ABB order code
Field Level eXpansion series extension module providing 16 points of control - 8 Universal Inputs and 8 UniPuts with Relay.	2CQG200706R1021



FLX-8R8-H

FLX-8R8-H

Description	ABB order code
Field Level eXpansion series extension module providing 16 points of control - 8 Universal Inputs and 8 UniPuts with Relay. Includes local over-ride (HOA) on 8 UniPut with Relay terminals.	2CQG200707R1021



FLX-4R4

FLX-4R4

Description	ABB order code
8-Point Field Level eXpansion (FLX) I/O module for CBX. Module features 4 UniPuts™ with Relay outputs and 4 UI. A maximum of three FLX modules may be added to a single CBX.	2CQG200704R1021



FLX-4R4-H

FLX-4R4-H

Description	ABB order code
8-Point Field Level eXpansion (FLX) I/O module for CBX with HOA override switches and potentiometers on UniPuts™. Module features 4 UniPuts™ with Relay outputs and 4 UI. A maximum of three FLX modules may be added to a single CBX.	2CQG200705R1021



FLX-16DI

FLX-16DI

Description	ABB order code
16-Point Field Level eXpansion (FLX) I/O module for CBX. Module features 16 Digital Inputs. A maximum of three FLX modules may be added to a single CBX.	
	2CQG200703R1021



FLX-PS24

FLX-PS24

Description	ABB order code
20 V DC Power supply module for FLX Field Level eXpansion IO modules and external field devices (using the FLX-RMC)	
	2CQG205601R1021

FLX-RMC

Description	ABB order code
Remote Module Connectors are used to extend the FLX bus a total maximum of 100 ft. (30 m) from the main controller (CBX-8R8) to facilitate remote mounting of FLX I/O modules. 2 x FLX-bus screw-terminal units and 1 x FLX-bus standard connector are included.	
	2CQG205801R1021



FLX-Bus

FLX-bus Interconnect

Description	ABB order code
FLX-bus interconnect component, purchased separately	
	2CQG206001R1021



FLX-Bus

FLX-bus Terminator

Description	ABB order code
FLX-bus terminator component, purchased separately	
	2CQG206002R1021

Displays and Room Control Units



Description	ABB order code
<p>Fusion Air Sensor FA-T Fusion Air Sensor FA-T</p>	2CQG505560R1011
<p>Fusion Air Sensor FA-TH Room control unit with temperature and relative humidity sensor. An LED strip at the top and bottom can be parameterized for a colored status display. Touchless operation via Bluetooth and App for the mobile device.</p>	2CQG505561R1011
<p>Fusion Air Sensor FA-THV Room control unit with temperature, relative humidity and VOC sensor. An LED strip at the top and below can be configured for the colored status display. Touchless operation via Bluetooth and App for the mobile device.</p>	2CQG505562R1011
<p>Fusion Air Sensor FA-THC Room control unit with temperature, relative humidity and CO₂ sensor. An LED strip at the top and below can be configured for the colored status display. Touchless operation via Bluetooth and App for the mobile device.</p>	2CQG505563R1011



Description	ABB order code
<p>Fusion Air Sensor FA-TH-D Room control unit with illuminated LCD display as well as temperature and relative humidity sensor. An LED strip at the top and bottom can be parameterized for a colored status display. Touchless operation via Bluetooth and App for the mobile device.</p>	2CQG505564R1011
<p>Fusion Air Sensor FA-THV-D Room control unit with illuminated LCD display as well as temperature, relative humidity and VOC Sensor. An LED strip at the top and bottom can be parameterized for a colored status display. Touchless operation via Bluetooth and App for the mobile device.</p>	2CQG505565R1011
<p>Fusion Air Sensor FA-THC-D Room control unit with illuminated LCD display as well as temperature, relative humidity and CO₂ Sensor. An LED strip at the top and bottom can be parameterized for a colored status display. Touchless operation via Bluetooth and App for the mobile device.</p>	2CQG505566R1011

Note: The Fusion Air sensors are compatible with the stations of the current CB-Line and FLXeon series via CBT-Stat Bus.

Displays and Room Control Units



eXplore-c10

eXplore-c10

Description	ABB order code
<p>eXplore-c10 is a 10.1" touchscreen for use with either EisBaer HTML interfaces, or ABB Cylon's® easy to program, easy to use menu-based SiteGuide user interface for basic supervision of a ABB Cylon® BMS site. Includes plug-top power supply.</p>	<p>2CQG202002R2021</p>



eXplore-c7

eXplore-c7

Description	ABB order code
<p>eXplore-c7 is a 7" touchscreen for use with either EisBaer HTML interfaces, or ABB Cylon's® easy to program, easy to use menu-based SiteGuide user interface for basic supervision of a ABB Cylon® BMS site. Includes plug-top power supply.</p>	<p>2CQG202003R2021</p>



UCU Room Keypad

UCU Room Keypad

Description	ABB order code
<p>A dedicated room control display for fan coil control. The programmable display allows the user to view and adjust selected parameters within the controller to which it is connected.</p>	<p>2CQG256501R1021</p>

Note: Only compatible with the UCU10FC/K, UCU10VAV/K and CBX-8R8 controllers.

BACnet® Zone Control



FBVi-2U4-4T-SI

FBVi-2U4-4T-SI

Description	ABB order code
Freely programmable IP-based BACnet® Building Controller (B-BC) for VAV applications including damper drive.	
The controller has 2 UniPuts™ (selectable via software as AE, AA, DE or DA), 4 universal inputs and 4 digital outputs (triacs); On-board pressure sensor (0...1.3"w.c., 0...320 Pa) and damper actuator (5Nm). Suitable for metric units of measure.	
	2CQG201016R1021



CBV-2U4-3T

CBV-2U4-3T

Description	ABB order code
BACnet® B-AAC single-duct VAV terminal unit controller with integrated actuator.	
Controller features 2 UniPuts™ (software configured for AI, AO, DI or DO), 4 UI and 3 DO (Triac). Built-in differential pressure transducer (0...320 Pa) and actuator (5Nm). Freely programmable, c/w pre-loaded factory configuration strategy with SI units (°C).	
	2CQG201513R0021



CBV-2U4-3T-N

CBV-2U4-3T-N

Description	ABB order code
BACnet® B-AAC single-duct VAV terminal unit controller without actuator.	
Controller features 2 UniPuts™ (software configured for AI, AO, DI or DO), 4 UI and 3 DO (Triac). Built-in differential pressure transducer (0...320 Pa). Freely programmable, c/w pre-loaded factory configuration strategy with SI units (°C).	
	2CQG201512R0021



CBT-3T6-5R

CBT-3T6-5R

Description	ABB order code
<p>14-Point BACnet® B-AAC programmable controller for terminal applications such as heat pump, roof top unit, fan coil, chilled ceiling, and small air handling units.</p>	
<p>Controller features 3 UniPuts™ with Triac outputs (software configured for AI, AO, DI or DO-T (Triac), 6 UI and 5 Digital (Relay) Outputs. Freely programmable, no pre-loaded strategy.</p>	
	<p>2CQG201309R1021</p>



CBT-4T4-2U1R

CBT-4T4-2U1R

Description	ABB order code
<p>11 point BACnet® B-AAC programmable controller for terminal applications such as fan coil units with EC motors, heat pumps, unit ventilators and chilled ceilings.</p>	
<p>Controller features 4 UniPuts™ with Triac outputs (software configured for AI, AO, DI or DO-T (Triac), 4 UI, 2 Uniputs and 1 x 8A mains rated Digital (high in-rush current relay) Output. Freely programmable, no pre-loaded strategy.</p>	
	<p>2CQG201308R1021</p>

BACnet® Supervisor & Engineering



CXproHD



CXproHD-A

Description	ABB order code
<p>CXproHD - License (Software Dongle) Programming software for the ABB Cylon® BACnet® system. Includes 1 software dongle for the BACnet® system.</p> <p>For registered use, contractual partners only. Not for resale. An initial and annual registration is required.</p>	<p>2CQG203402S3021</p>
<p>CXproHD – A (Software Dongle) Additional software dongle for already registered ABB Cylon® BACnet® license.</p> <p>For registered use, contractual partners only. Not for resale. An initial and annual registration is required.</p>	<p>2CQG203403S3021</p>

INTEGRA™ Controller Packages



Description	ABB order code
<p>IT-8005-WWWIFI-E Package comprising IT-8000-WiFi Controller with global WiFi, IT8-005-COR software license for 250 data points and IT8-005-SM0 service and maintenance agreement.</p>	2CQG150115R4011
<p>IT-8010-WWWIFI-E Package comprising IT-8000-WiFi Controller with global WiFi, IT8-010-COR software license for 500 data points and IT8-010-SM0 service and maintenance agreement.</p>	2CQG150117R4011
<p>IT-8025-WWWIFI-E Package comprising IT-8000-WiFi Controller with global WiFi, IT8-025-COR software license for 1250 data points and IT8-025-SM0 service and maintenance agreement.</p>	2CQG150119R4011
<p>IT-8100-WWWIFI-E Package comprising IT-8000-WiFi Controller with global WiFi, IT8-100-COR software license for 5000 data points and IT8-100-SM0 service and maintenance agreement.</p>	2CQG150121R4011
<p>IT-8200-WWWIFI-E Package comprising IT-8000-WiFi Controller with global WiFi, IT8-200-COR software license for 10,000 data points and IT8-200-SM0 service and maintenance agreement.</p>	2CQG150123R4011

For the US market the IT Controller has packageWiFi connectivity on request.



Description	ABB order code
<p>IT-8005-NOWIFI-E Package comprising IT-8000-WiFi Controller without WiFi connectivity, IT8-005-COR software license for 250 data points and IT8-005-SM0 service and maintenance agreement.</p>	2CQG150126R4011
<p>IT-8010-NOWIFI-E Package comprising IT-8000-WiFi Controller without WiFi connectivity, IT8-010-COR software license for 500 data points and IT8-010-SM0 service and maintenance agreement.</p>	2CQG150127R4011
<p>IT-8025-NOWIFI-E Package comprising IT-8000-WiFi Controller without WiFi connectivity, IT8-025-COR software license for 1250 data points and IT8-025-SM0 service and maintenance agreement.</p>	2CQG150128R4011
<p>IT-8100-NOWIFI-E Package comprising IT-8000-WiFi Controller without WiFi connectivity, IT8-100-COR software license for 5000 data points and IT8-100-SM0 service and maintenance agreement.</p>	2CQG150129R4011
<p>IT-8200-NOWIFI-E Package comprising IT-8000-WiFi Controller without WiFi connectivity, IT8-200-COR software license for 10000 data points and IT8-200-SM0 service and maintenance agreement.</p>	2CQG150130R4011
<p>IT8-DEMO-E Demo package comprising IT-8000-WiFi Controller with WiFi connectivity, 2x RS-485 ports, 2x RJ-45 Ethernet ports, IT8-Demo-COR software license, up to 500 devices or 25,000 data points and all standard drivers.</p>	2CQG150124R4011

INTEGRA™ Controller Device Expansions

Description	ABB order code
IT8-010-DCP-E Capacity expansion of the IT8-XXX-COR by 10 devices or 500 data points when ordering the first device.	2CQG150123S4061
IT8-025-DCP-E Capacity expansion of the IT8-XXX-COR by 25 devices or 1250 data points when ordering the first device.	2CQG150126S4061
IT8-050-DCP-E Capacity expansion of the IT8-XXX-COR by 50 devices or 2500 data points when ordering the first device.	2CQG150128S4061
IT8-010-DCU-E Capacity expansion of the IT8-XXX-COR by 10 devices or 500 data points at any time after ordering the first device.	2CQG150124S4061
IT8-025-DCU-E Capacity expansion of the IT8-XXX-COR by 25 devices or 1250 data points at any time after ordering the first device.	2CQG150127S4061
IT8-050-DCU-E Capacity expansion of the IT8-XXX-COR by 50 devices or 2500 data points at any time after ordering the first device.	2CQG150129S4061

INTEGRA™ Controller Driver

Description	ABB order code
IT8-DR-AC Andover Controls AC256 driver via RS-232 or RS-485.	2CQG150301S4061
IT8-DR-AINF Andover Controls Infinity driver.	2CQG150302S4061
IT8-DR-APHP American Auto-Matrix (AAM) PHP via RS-232 or RS-485. Limited support only as produced by third-party provider.	2CQG150303S4061
IT8-DR-APUP American Auto-Matrix (AAM) PUP via RS-232 or RS-485. Limited support only as produced by third-party provider.	2CQG150304S4061
IT8-DR-CCN Carrier Comfort Network driver.	2CQG150305S4061
IT8-DR-FLEX Flex driver via RS-232 or RS-485.	2CQG150306S4061
IT8-DR-JSON FJSON driver.	2CQG150311S4061
IT8-DR-MCQUAY McQuay to OPM driver.	2CQG150312S4061
IT8-DR-MFID Micros Fidelio IP driver.	2CQG150313S4061
IT8-DR-SMSALM SMS Alarm driver.	2CQG150317S4061
IT8-FIPS FIPS 140-2 level 1 driver.	2CQG150315S4061

INTEGRA™ Controller – Maintenance Agreements

Description	ABB order code
<p>IT8-005-SM0 18-month software maintenance agreement. Must be acquired in conjunction with an IT8-005-COR software license.</p>	2CQG153601S4061
<p>IT8-005-SM1 1-year software maintenance agreement. Must be acquired in conjunction with an IT8-005-COR software license.</p>	2CQG153602S4061
<p>IT8-005-SM3 3-year software maintenance agreement. Must be acquired in conjunction with an IT8-005-COR software license.</p>	2CQG153603S4061
<p>IT8-010-SM0 18-month software maintenance agreement. Must be acquired in conjunction with an IT8-010-COR software license.</p>	2CQG153605S4061
<p>IT8-010-SM1 1-year software maintenance agreement. Must be acquired in conjunction with an IT8-010-COR software license.</p>	2CQG153606S4061
<p>IT8-010-SM3 3-year software maintenance agreement. Must be acquired in conjunction with an IT8-010-COR software license.</p>	2CQG153607S4061
<p>IT8-010-SM5 5-year software maintenance agreement. Must be acquired in conjunction with an IT8-010-COR software license.</p>	2CQG153608S4061

Description	ABB order code
<p>IT8-025-SM0 18-month software maintenance agreement. Must be acquired in conjunction with an IT8-025-COR software license.</p>	2CQG153609S4061
<p>IT8-025-SM1 1-year software maintenance agreement. Must be acquired in conjunction with an IT8-025-COR software license.</p>	2CQG153610S4061
<p>IT8-025-SM3 3-year software maintenance agreement. Must be acquired in conjunction with an IT8-025-COR software license.</p>	2CQG153611S4061
<p>IT8-025-SM5 5-year software maintenance agreement. Must be acquired in conjunction with an IT8-025-COR software license.</p>	2CQG153612S4061
<p>IT8-100-SM0 18-month software maintenance agreement. Must be acquired in conjunction with an IT8-100-COR software license.</p>	2CQG153613S4061
<p>IT8-100-SM1 1-year software maintenance agreement. Must be acquired in conjunction with an IT8-100-COR software license.</p>	2CQG153614S4061

INTEGRA™ Controller – Maintenance Agreements

Description	ABB order code
<p>IT8-100-SM3 3-year software maintenance agreement. Must be acquired in conjunction with an IT8-100-COR software license.</p>	2CQG153615S4061
<p>IT8-100-SM5 5-year software maintenance agreement. Must be acquired in conjunction with an IT8-100-COR software licencs.</p>	2CQG153616S4061
<p>IT8-200-SM0 18-month software maintenance agreement. Must be acquired in conjunction with an IT8-200-COR software license.</p>	2CQG153617S4061
<p>IT8-200-SM1 1-year software maintenance agreement. Must be acquired in conjunction with an IT8-200-COR software license.</p>	2CQG153618S4061
<p>IT8-200-SM3 3-year software maintenance agreement. Must be acquired in conjunction with an IT8-200-COR software license.</p>	2CQG153619S4061
<p>IT8-200-SM5 5-year software maintenance agreement. Must be acquired in conjunction with an IT8-200-COR software license.</p>	2CQG153620S4061

INTEGRA™ Demo – Renewals

Description	ABB order code
IT8-DEMO-SUP-R-E IT-8000 Controller Demo support renewal.	2CQG150125R4011
INTEGRA-RENEW-2 Integra monthly renewal.	2CQG153902S4061

INTEGRA™ IT-8000 Controller – Expansions

Description	ABB order code
IT8-NPB-LON LON module.	2CQG155803P2061
IT8-NPB-2X-485 Dual port RS485 module.	2CQG155804P2061
IT8-NPB-232 Single port RS232 module.	2CQG155805P2061
IT8-WPM Wall PSU module.	2CQG155806P2061
IT8-WIFI-EXT WLAN antenna extension.	2CQG155808P2061

INTEGRA™ ProPack (CXproHD integration)

Description	ABB order code
INT-PPACK-5 Capacity expansion for the IT-8000 Controller by 5 devices for import from CXproHD.	2CQG153401S4061
INT-PPACK-10 Capacity expansion for the IT-8000 Controller by 10 devices for import from CXproHD.	2CQG153402S4061
INT-PPACK-25 Capacity expansion for the IT-8000 Controller by 25 devices for import from CXproHD.	2CQG153403S4061
INT-PPACK-50 Capacity expansion for the IT-8000 Controller by 50 devices for import from CXproHD.	2CQG153404S4061
INT-PPACK-100 Capacity expansion for the IT-8000 Controller by 100 devices for import from CXproHD.	2CQG153405S4061
INT-PPACK-200 Capacity expansion for the IT-8000 Controller by 200 devices for import from CXproHD.	2CQG153406S4061

INTEGRA™ Supervisor – Maintenance Agreements

Description	ABB order code
ITS-000-SM0 18-month software maintenance agreement. Must be acquired in conjunction with an ITS-000-SUP license.	2CQG153621S4061
ITS-000-SM1 1-year software maintenance agreement. Must be acquired in conjunction with an ITS-000-SUP license.	2CQG153622S4061
ITS-000-SM3 3-year software maintenance agreement. Must be acquired in conjunction with an ITS-000-SUP licence.	2CQG153623S4061
ITS-000-SM5 5-year software maintenance agreement. Must be acquired in conjunction with an ITS-000-SUP license.	2CQG153624S4061
ITS-001-SM0 18-month software maintenance agreement. Must be acquired in conjunction with an ITS-001-SUP license.	2CQG153625S4061
ITS-001-SM1 1-year software maintenance agreement. Must be acquired in conjunction with an ITS-001-SUP license.	2CQG153626S4061

Description	ABB order code
ITS-001-SM3 3-year software maintenance agreement. Must be acquired in conjunction with an ITS-001-SUP license.	2CQG153627S4061
ITS-001-SM5 5-year software maintenance agreement. Must be acquired in conjunction with an ITS-001-SUP license.	2CQG153628S4061
ITS-010-SM0 18-month software maintenance agreement. Must be acquired in conjunction with an ITS-010-SUP license.	2CQG153637S4061
ITS-010-SM1 1-year software maintenance agreement. Must be acquired in conjunction with an ITS-010-SUP license.	2CQG153638S4061
ITS-010-SM3 3-year software maintenance agreement. Must be acquired in conjunction with an ITS-010-SUP license.	2CQG153639S4061
ITS-010-SM5 5-year software maintenance agreement. Must be acquired in conjunction with an ITS-010-SUP license.	2CQG153640S4061
ITS-100-SM0 18-month software maintenance agreement. Must be acquired in conjunction with an ITS-100-SUP license.	2CQG153641S4061

INTEGRA™ Supervisor – Maintenance Agreements

Description	ABB order code
ITS-100-SM1 1-year software maintenance agreement. Must be acquired in conjunction with an ITS-100-SUP license.	2CQG153642S4061
ITS-100-SM5 5-year software maintenance agreement. Must be acquired in conjunction with an ITS-100-SUP license.	2CQG153644S4061
ITS-UNL-SM0 18-month software maintenance agreement. Must be acquired in conjunction with an ITS-UNL-SUP license.	2CQG153645S4061
ITS-UNL-SM1 1-year software maintenance agreement. Must be acquired in conjunction with an ITS-UNL-SUP license.	2CQG153646S4061
ITS-UNL-SM3 3-year software maintenance agreement. Must be acquired in conjunction with an ITS-UNL-SUP license.	2CQG153647S4061
ITS-UNL-SM5 5-year software maintenance agreement. Must be acquired in conjunction with an ITS-UNL-SUP license.	2CQG153648S4061

INTEGRA™ Supervisor – Device Connections

Description	ABB order code
ITS-000-SUP Support for 0 Niagara device connections.	2CQG153202S4061
ITS-001-SUP Support for 1 Niagara device connections.	2CQG153204S4061
ITS-010-SUP Support for 10 Niagara device connections.	2CQG153209S4061
ITS-100-SUP Support for 100 Niagara device connections.	2CQG153214S4061
ITS-UNL-SUP Unlimited support for Niagara device connections.	2CQG153221S4061

INTEGRA™ Supervisor – Expansions

Description	ABB order code
ITS-001-ADD Addition of 1 Niagara device connection for Supervisor software.	2CQG153203S4061
ITS-010-DIP-E Capacity expansion for Supervisor software by 10 non-Niagara devices or 500 data points.	2CQG153232S4061
ITS-025-DIP-E Capacity expansion for Supervisor software by 25 non-Niagara devices or 1250 data points.	2CQG153233S4061
ITS-050-DIP-E Capacity expansion for Supervisor software by 50 non-Niagara devices or 2500 data points.	2CQG153234S4061
ITS-100-DIP-E Capacity expansion for Supervisor software by 100 non-Niagara devices or 5000 data points.	2CQG153236S4061
ITS-200-DIP-E Capacity expansion for Supervisor software by 200 non-Niagara devices or 10000 data points.	2CQG153237S4061
ITS-500-DIP-E Capacity expansion for Supervisor software by 500 non-Niagara devices or 25000 data points.	2CQG153238S4061
ITS-1000-DIP-E Capacity expansion for Supervisor software by 1000 non-Niagara devices or 50000 data points.	2CQG153235S4061
ITS-100-UPG Upgrade to 100 Niagara device connections.	2CQG153215S4061
ITS-UNL-UPG Upgrade to unlimited support for Niagara device connections.	2CQG153222S4061
OFFICE-DEMO-PC Supervisor Demo.	2CQG153239S4061
IT-LIC-CHG License change fee.	2CQG153701S4061

INTEGRA™ Supervisor – Driver

Description	ABB order code
ITS-DEMO Supervisor DEMO.	2CQG150501S4061
ITS-DR-CSV Supervisor driver CSV.	2CQG150502S4061
ITS-DR-MYSQL Supervisor driver MySQL.	2CQG150503S4061
ITS-DR-ORCL Supervisor driver Oracle 11G.	2CQG150505S4061
ITS-DR-JSON Supervisor driver JSON.	2CQG150507S4061
ITS-ALM-CNSL Alarm Console client.	2CQG153218S4061

Unitron Relays & Cables



UC32RP8

UC32RP8

Description	ABB order code
External relay pack with 8 relays, screw terminals.	
	2CQG205301R1021



UC32R/L4

UC32R/L4

Description	ABB order code
External relay pack with 4 raise/lower relays, screw terminals.	
	2CQG205303R1021

UC32 - PC Commissioning Cable

Description	ABB order code
UC32 RJ-45 connector male (plug) to 9 pin D-type female PC commissioning cable.	
	2CQG255703R1021

Sensors - Wired



Room Temperature Sensor
(WRF04)

Room Temperature Sensor (WRF04)

Description	ABB order code
<ul style="list-style-type: none"> Measuring insert: 1x NTC 10kOhm Temperature range: -35...+70°C Housing: ABS pure white (RAL9010), IP20 L 84.5 x B 84.5 x H 25 mm 	
	2CQG505113R2021



Room Temperature Sensor
(WRF04P)

Room Temperature Sensor (WRF04P)

Description	ABB order code
<ul style="list-style-type: none"> Surface Mounting Measuring insert: 1x NTC 10kOhm Temperature range: -35...+70°C Housing: ABS, pure white (RAL9010), IP20 L 84.5 x B 84.5 x H 25 mm 	<ul style="list-style-type: none"> Operating elements Potentiometer 5 kOhm 3-wire conductor (-,0,+) Standard legend
	2CQG505114R2021



Room Temperature Sensor
with Pot. & Button
(WRF04PT)

Room Temperature Sensor with Pot. & Button (WRF04PT)

Description	ABB order code
<ul style="list-style-type: none"> Measuring insert: 1x NTC 10kOhm Temperature range: -35...+70°C Housing: ABS, pure white (RAL9010), IP20 	<ul style="list-style-type: none"> L 84.5 x B 84.5 x H 25 mm
	2CQG505115R2021



Duct Temperature Sensor
(AKF1046507)

Duct Temperature Sensor (AKF1046507)

Description	ABB order code
Duct Temperature Sensor 465 mm	
<ul style="list-style-type: none"> Measuring insert SI-Protection: 1 x NTC10k Changeable Temperature range: -50...+150°C Mat. 1.4571 Connection head: Polyamide white, IP65 Probe: SH EL = 465 x 7 mm 	
	2CQG505105R2021

Mounting Flange (MF7)

Description	ABB order code
<ul style="list-style-type: none"> Material PA6.6 glass ball reinforced D = 55 mm, Colour black. For sensor pocket D = 7 mm 	
	2CQG505804R2021



Outdoor Temperature
Sensor (AGS54)

Outdoor Temperature Sensor (AGS54)

Description	ABB order code
<ul style="list-style-type: none"> Output: 1 x NTC10k Temperature range -50...+90°C Housing: Polyamide white, IP65 L 65 x B 50 x H 37.5 mm 	
	2CQG505101R2021



Contact Temperature
Sensor (VFG54)

Contact Temperature Sensor (VFG54)

Description	ABB order code
<ul style="list-style-type: none"> Output: 1 x NTC10k Temperature range: -35...+120°C Housing: Polyamide white IP65 L 65 x B 50 x H 37.5 mm 	
Clamp not supplied.	
	2CQG505112R2021



192 mm Duct Temperature Sensor (AKF1019207)

192 mm Duct Temperature Sensor (AKF1019207)

Description	ABB order code
<ul style="list-style-type: none"> Measuring insert SI-Protection: 1 x NTC10k Temperature range: -50...+150°C Mat. 1.4571 	<ul style="list-style-type: none"> Connection head: Polyamide white IP65 Probe: SH EL = 192 x 7 mm
	2CQG505104R2021



62 mm Immersion Temperature Sensor (AKF106207)

62 mm Immersion Temperature Sensor (AKF106207)

Description	ABB order code
<ul style="list-style-type: none"> Measuring insert SI-Protection: 1 x NTC10k Temperature range: -50...+150°C Mat. 1.4571 	<ul style="list-style-type: none"> Connection head: Polyamide white IP65 Probe: SH EL = 62 x 7 mm
	2CQG505106R2021



Immersion Pocket Stainless Steel (THVA 50 x 10 x 1mm)

Immersion Pocket Stainless Steel (THVA 50 x 10 x 1 mm)

Description	ABB order code
<ul style="list-style-type: none"> EL = 50 x 10 x 1 mm Mat. 1.4571 SW24 	<ul style="list-style-type: none"> G½" ISO 228T1 PN40
Use with AKF106207 (1S9SW108)	
	2CQG505111R2021



Immersion Pocket Brass (THMS 50 x 10 x 1mm)

Immersion Pocket Brass (THMS 50 x 10 x 1 mm)

Description	ABB order code
<ul style="list-style-type: none"> EL = 50 x 10 x 1 mm Mat. Brass nickel-plated 	<ul style="list-style-type: none"> SW22, G½" PN16
Use with AKF106207 (1S9SW108)	
	2CQG505805R2021



**135 mm Immersion
Temperature Sensor
135mm (AKF1013507)**

135 mm Immersion Temperature Sensor 135mm (AKF1013507)

Description	ABB order code
<ul style="list-style-type: none"> Measuring insert SI-Protection: 1 x NTC10k Changeable Temperature range: -50...+150°C Mat. 1.4571 	<ul style="list-style-type: none"> Probe: SH EL = 135 x 7mm Connection head: Polyamide white, IP65
	2CQG505103R2021



**Immersion Pocket Brass
(THMS 120x10x1mm)**

Immersion Pocket Brass (THMS 120 x 10 x 1 mm)

Description	ABB order code
<ul style="list-style-type: none"> EL = 120 x 10 x 1 mm Nickel-plated SW22 	<ul style="list-style-type: none"> R$\frac{1}{2}$" PN 16
Use with AKF1013507 (1S9SW102)	
	2CQG505806R2021



**Room Humidity/
Temperature Sensor
(FTW04VS)**

Room Humidity / Temperature Sensor (FTW04VS)

Description	ABB order code
<ul style="list-style-type: none"> Humidity-transmitter 0%...100 %rF = 0-10 V Adjustment: 55 %rF Tolerance: \pm 2% (35%...75%rF) Uv:15-24V DC/15-24 V AC Temp.Sensor: 1 x NTC 10 kOhm 	<ul style="list-style-type: none"> Housing: ABS, pure white (RAL9010), IP20 L 84.5 x B 84.5 x H 25 mm
	2CQG505107R2021



Room Humidity/
Temperature Sensor
(LC-FTW04VS)

Room Humidity/Temperature Sensor (LC-FTW04VS)

Description	ABB order code
<ul style="list-style-type: none"> Humidity-transmitter, 0%...100%rF = 0-10 V Adjustment: 55%rF Tolerance: $\pm 3\%$ (15%...85%rF) Uv: 15-24 V DC/24 V AC ($\pm 20\%$); 50/60Hz 	<ul style="list-style-type: none"> Housing: ABS pure white (RAL9010), IP20 L 84.5 x B 84.5 x H 25 mm Temp.Sensor: 1 x NTC 10k
	2CQG505109R2021



Duct Humidity/
Temperature Sensor
(LC-FTK140VV)

Duct Humidity/Temperature Sensor (LC-FTK140VV)

Description	ABB order code
<ul style="list-style-type: none"> Humidity-transmitter 0%...100%rF = 0-10 V Tolerance: $\pm 3\%$ (15%...85%rF) Temp.Sensor: 1x NTC 10kOhm Sensor tube: 140 x 19 mm 	<ul style="list-style-type: none"> Mat. ABS Uv: 15-24 V DC/24 V AC ($\pm 20\%$); 50/60Hz Connection head: Polyamide white, IP65
	2CQG505108R2021



Room Air-Quality Sensor
(LW04)

Room Air-Quality Sensor (LW04)

Description	ABB order code
<ul style="list-style-type: none"> Output: 0-10 V Uv = 15-24V DC/15-24 V AC Housing: ABS, pure white (RAL9010), IP20 	<ul style="list-style-type: none"> L 84.5 x B 84.5 x H 25 mm
	2CQG505110R2021

Demonstration & Technical Services



CBX/FLX Demo Suitcase

CBX/FLX Demo Suitcase

Description	ABB order code
ASPECT® Demonstration Suitcase containing: MATRIX, CBX, FLX and SiteGuide v2.2. Includes UK/Ireland Mains connection.	2CQG205802R5021

Other



EIBAS-100T/R

EIBAS-100T/R

Description

ABB order code

Ethernet switch - Din rail mounted 5 ports.
Auto port polarity detection. PSU 24V AC.

2CQG605801R2021



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ABB b.v.

Electrification Business Area

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Algemene informatie

abb.nl/lowvoltage



Support

abb-elsupport.nl







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