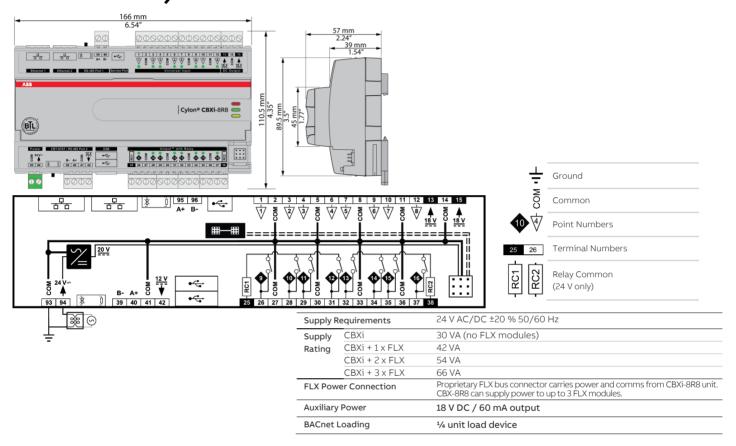


INSTALLATION AND WIRING

BDS0024 rev 10

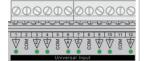
CBXi-8R8, CBXi-8R8-H



		Terminal Numbers	Description
	24 Vn 83 M B 83 M B 93 M B	93, 94	24 V AC/DC Power
	13 14 15 A S A 18V O 18V DC Output	13 15	Auxiliary Power: 18 V DC output on 2 terminals, 60 mA total
AS THE PERSON OF	\$ 98 96 96 A+ B-	95, 96	RS-485 Port 1 (BACnet® MS/TP/ Modbus RTU) screw terminal MS/TP subnet terminator switch is located beside the port. If the switch is towards the dicon, then termination is in and if the switch is towards the kicon then termination is out.
	COLOTAT RE-ESP FORE R	39 42	CBT-STAT / RS-485 Port 2 (CBT-STAT) The bus Terminator Switch is located beside the port. If the switch is towards the $\hat{\underline{J}}$ icon, then termination is in and if the switch is towards the $\hat{\underline{X}}$ icon then termination is out.







Universal Inputs 1 ... 12

- When input is configured as Digital:
- LED Off: open circuit or logic 'off'
- LED On: logic 'on'

When input is configured as Resistor/thermistor:

- LED Off: valid resistance connected (Note: 0 Ω is counted as valid)
 LED Slow blink: resistor/thermistor not connected

When input is configured as **Analog**:

- LED intensity is modulated by the analog signal
- When the LED is blinking:
- Fast blink indicates error condition
- Two short flashes followed by a value* indicates the input is in an override state (overridden by CXproHD).

*Note: The LED intensity illustrates the value measured at the input terminals. The flash indicates that this value has been overridden.





25 ... 38

UniPuts™ + Relay

When a Uniput channel is configured as an input, the LED signals are identical to Universal Inputs above. When configured as an output the following apply

When output is configured as Digital:

- · LED Off: open circuit or logic 'off

LED On: logic 'on'
When output is configured as Analog:

- · LED intensity is modulated by the analog signal
- When the LED is blinking:
- Fast blink indicates error condition
- Two short flashes followed by a value indicates the output is in an override state (overridden by CXproHD or HOA)





Service Port (Micro USB)













During firmware upgrade the Yellow LED will remain on while the strategy/comms section reboots, and then the LEDs will rotate Red-Green-Yellow while the IO section reboots.

Note: During typical operation, the Red LED should be on, the Green LED should be blinking and the Yellow LED should be off.







Output Override (CBXi-8R8-H only)

Bottom position: Off - outputs forced off.

Centre position: Auto - outputs are controlled by strategy.

Top position: Manual - for digital outputs, the output is forced on. For analog outputs the knob setting controls the output

Note: Manual position is supervised, i.e. the strategy is aware of the manual value.









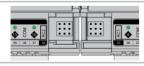


Push buttons

Reset IP/Password: while the controller is running, press SW 1 until the LED lights up, then release SW1. Full factory reset: while the controller is booting hold. SW1 until the LED lights up, then release SW1.

Restart the controller: while the controller is running, press SW2 until the LED lights up., then release SW2.





Inter-module connection sockets

To join the FLX bus, place the devices side-by-side and place the **FLX bus connector** into the two adjacent sockets at once. The end device on a FLX bus (either a FLX device or the CBXi itself) must have a terminator inserted into its interconnector socket. One terminator is shipped with each CBXi-8R8(-H) device.