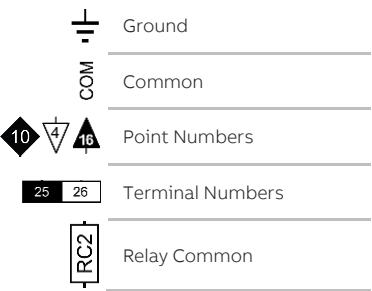
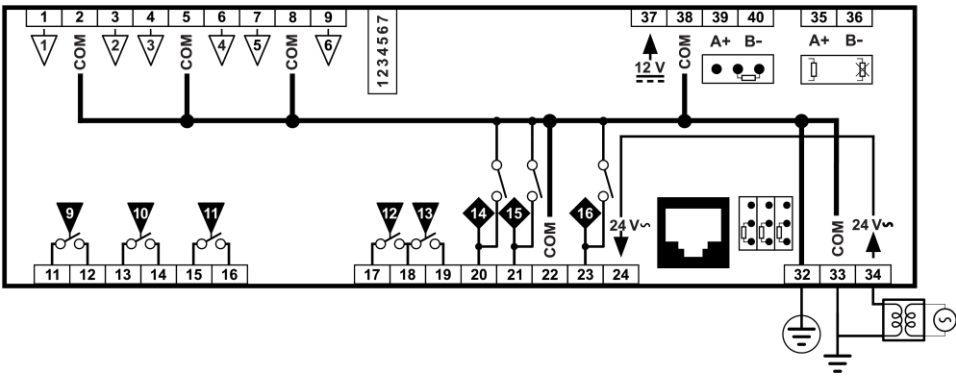
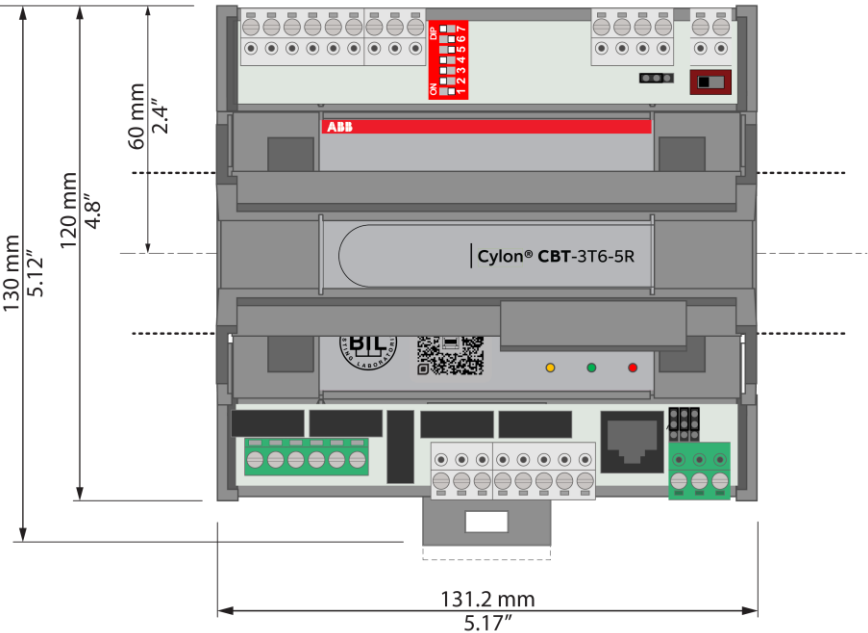



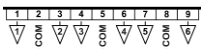



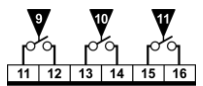


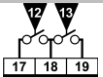

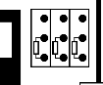



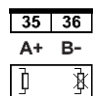

















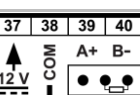








INSTALLATION AND WIRING
BDS0012 rev 25

CBT-3T6-5R



Location	Illustration	Terminal Numbers	Description
		32 ... 34	<p>Power 24 V AC</p> <p>Important: The common power connection (terminal 33) must be connected to Earth. Cylon recommend that this is done at the 24 V AC transformer.</p> <p>Note: THIS UNIT MUST BE GROUNDED</p>
		20 ... 23	UniPuts™ with Triac



Location	Illustration	Terminal Numbers	Description
		1 ... 9	Universal Inputs
		24	24 V AC output
		11 ... 16	Relay digital outputs 240 V AC, 2 (1) A (USA: Pilot Duty 120 V AC, 72 VA)
 WARNING: HAZARDOUS VOLTAGES. DISCONNECT SUPPLY TO MAINS RELAYS AND 24 V AC TO UNIT BEFORE WIRING.			
		17 ... 19	Relay digital outputs (24 V AC)
			UniPut current sink enable jumpers
		Sink disabled	
		Sink enabled	
		35, 36	BACnet MS/TP Port
Important: In order for the BACnet MS/TP bus to operate reliably, the common power connection (terminal 33 ) must be connected to Earth. Cylon recommend that this is done at the 24 V AC transformer.			
			BACnet MS/TP Terminator
The Modbus Terminator Switch is located below the port. If the switch is towards the  icon, then termination is in and if the switch is towards the  icon then termination is out .			
			Service Port (RJ45)
Note: Service Port must not be connected until after the device is powered on.			
	Indicator LEDs <div> <div>  Red LED Continuous: Optional battery is healthy. Flash once a second: Indicates no battery/battery is low. Note: Battery is present only on custom versions.  CAUTION - DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE RECOMMENDED BY THE MANUFACTURER. DISPOSE OF USED BATTERIES ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS. </div> <div>  Green LED Continuous: Strategy servicing and no comms. Flash rapidly (every 100 ms): Strategy not servicing. Flash once a second: MSTP comms, and Strategy servicing. Note: When Service Port is in use, the Green LED blinks off as Service Port comms are received. </div> <div>  Yellow LED Off: Normal operation. On: Priority Array set above 16, for one or more Hardware Points, by external BACnet Client, or by CXpro^{HD}. </div> </div> <div> <div>  Cycle Yellow-Green-Red (left-to-right) Controller is in terminal mode. </div> <div>  Cycle Red-Green-Yellow (right-to-left) Upgrade in progress while Controller is in terminal mode. Note: The strategy is not serviced while in upgrade mode. </div> <div>  Cycle green to yellow Globals communication/setup problem </div> <div>  Green and yellow flash simultaneously Globals communication/setup problem and Hardware Point Priority Array is set above 16 by external BACnet Client, or by CXpro^{HD}. </div> </div>		
		37 ... 40	Sensor Port
		37, 38	Sensor Port Power supply
		39, 40	Sensor Port RS485
			Sensor Port Terminator
		OFF (Not Terminated)	
		ON (Terminated)	