EP1501 will support up to 8 PIM400-485 across a single RS485 data line. Each PIM400-485 can control up to 16 AD-400 locks. EP1501 can handle up to 16 AD-400 locks total.

UL294 power supplies used should not bond Earth ground to signal ground.

Wiring shown reflects wiring from EP1501 to PIM400-485 only. Additional wiring will be required and is not shown here.

Note: Configuration has not been tested by Allegion but has been reviewed and approved by Bluebox.

Instuction for specific wiring requirements:
3) Wire to P1 to allow network access.
2) Wire to PoE to power network.
1) Wire to Bluebox to power network.

Top: PoE switch to Bluebox EP1501.
Mid: Bluebox EP1501 to PIM400-485.
Bottom: PIM400-485 to AD-400 lock.