Electric Strikes
CAMDEN – CX-ED1309

Components

Access to doors with door handles can be digitized with the Teleporte keyless technology by connecting third-party electric strikes - such as Camden's CX-ED1309 - with the X-Series lock controller.

Electric Strike

- The X-Series controller is powered from a DC source. See Power Requirement section below.
- The X-Series controller is connected to the rim electric strike to provide the control signal to unlock the door
- The rim electric strike can provide open/close status signals directly to the X-Series controller.
- Smartphones with the Teleporte mobile application can connect to the X-Series controller - via Bluetooth - to allow authorized users to access a specific cabinet.

Power Requirements

There are three options to power the controller,:

- Primary [Red Cable] : 24VDC to 60VDC
- Secondary [Black Cable]: 12VDC

The electric strike must support 12VDC @ max 1A.

Power Supply

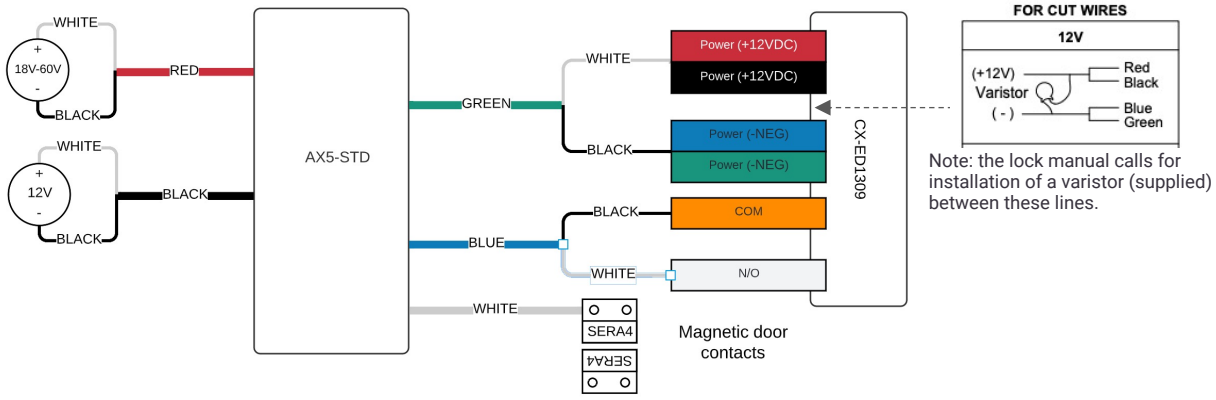
An AC to DC converter might be required if there is only AC power available near the door. The converter must provide either 12VDC to connect to the secondary input, or anywhere between 24VDC and 60VDC to connect to the primary input. The power supply also needs to provide at least 1A of current.

Installation

The X-Series controller can be secured to the inside wall by using two 3/16" screws, or inside a power box that could also contain the AC-to-DC converter. Refer to the installation manual for the controller (M-AX5-N-002-EN.pdf) and the access pad (AP-N-001-EN.pdf) for more details, or email us at support@sera4.com
Information about the installation of the electric strike can be downloaded from their website: Click Here

System Wiring

The cable hardness that comes with the X Series controller has eight color coded cable jackets, each of them with two inner wires. The diagram below uses this color coding to show the wiring configuration the CX-ED1309 electric strike.



Note: the lock manual calls for installation of a varistor (supplied) between these lines.