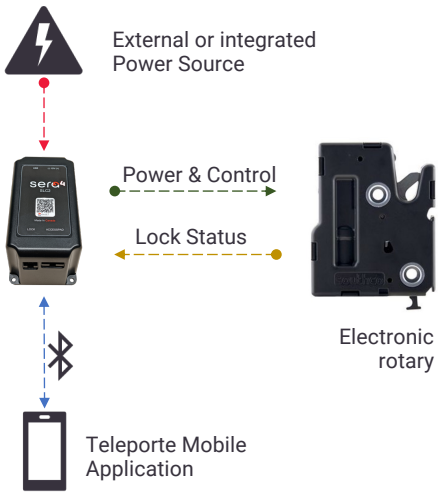
Rotary Locks

Southco Electronic Rotary Lock - R4-EM-9D3-15A0

Components

Rotary locks can be digitized with the Teleporte keyless technology by connecting the Southco's R4-EM-9D3-15A0 with the SLC2 controller.



The SLC2 can be powered with integrated or external sources - see power requirements section

The SLC2 controller is connected to the electric strike to provide the control signal to open the lock

The electric strike provides locked/unlocked status to the SLC2 controller.

Smartphones with the Teleporte mobile application connect to the SLC2 controller - via Bluetooth - to allow authorized users to access the strike.

Power Requirements

There are three options to power the controller:

- Option 1 [Integrated]: 6 AA lithium batteries
- Option 2 [USB C port] : 5VDC / 3A
- Option 3 [push-wire connector] : 12VDC / 1A

- An AC to DC converter may be required if there is only AC power available.
- AC to USB adapters can also be used to power the controller.
- Electric lock cannot draw more than 1A

Installation

There are two options to mount the SLC2:

- Using four M3 screws with a head no larger than 8mm (5/16)
- Using a standard 35mm (1-3/8") DIN-rail via the DIN-rail flex connector.

- Refer to the installation manual in the support portal for more details or email us at support@sera4.com.
- Installation information for the R4-EM-9D3-15A0 rotary lock can be found here.

Wiring

The cable hardness that comes with the SLC2 controller has four color coded cable jackets, each of them with two inner wires. The diagram below uses this color coding to shows the wiring configuration between the controller and the Southco's R4-EM-9D3-15A0 rotary lock. Sera4 also provides magnetic door contacts to monitor the open/close status of the door.