

The AX5 Lock Controller from Sera4™ enables any electro-mechanical lock to be integrated onto the Teleporte™ keyless access control network. It is designed to integrate seamlessly and easily in existing outdoor shelters, cabinets and equipment enclosures.

Features

- Removable cable set for easy installation
- Relay, Solenoid Driver and Motor Driver Output Options
- Full Electrical Isolation (Option)
- Status indicator light
- Low Power Consumption



Cable Color	I/O	Signal
Red	Input	18-60 VDC
Black	Input	9-12 VDC Backup Battery
Yellow	Input	9-12 VDC Emerg. Battery
Green	Output	12 DC lock signal Output
Brown	Input/output	Multifunction Button
Orange	Output	Relay or Power Output
White	Input	Door Open/Close Sensor
Blue	Input/	Lock Status Sensor

Dimension	A	B	C	D
Size (mm)	63	89	22	25

Orange Cable Configuration

Contact support@sera4.com
for configuration advice

STD: Switched relay connection. Default Wiring.
PWR: 12V output to separately power lock.
SWG: Switched connection to Ground.
DIO: 2 General Purpose I/O at 3V.
SWIO: 1 General Purpose I/O at 3V.
NON: Disconnected.

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 This is a preliminary datasheet: All figures are pending statistical validation and not guaranteed in production.
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 For more information on Sera4 and the Teleporte service, visit <http://www.sera4.com>*

Certifications & Characteristics

Parameter	Certification / Characteristic
Wireless Range	>10 meters in free space
Quiescent Current Consumption	22mA at 48VDC, 9mA at 12V
Sustainable Drive Current	3A (5A max peak)
Weight	75 grams
Materials Composition	REACH and RoHS-compliant
Case material	Ignition-resistant, flame-retardant ABS plastic
Certifications	FCC
RF Connectivity	Bluetooth 4, 2.402 – 2.485 GHz

Standard Operating Parameters

Parameter	Certification / Characteristic
Operating Temperature	-40°C to 85°C

Storage Ratings

Parameter	Certification / Characteristic
Water Resistance	Not for underwater use. For use in enclosed environments.

Installation manuals by lock type are available online at <https://support.sera4.com/>