AX5 Lock Controller

sera⁴

The AX5 Lock Controller from Sera4™ enables any electro-mechanical lock to be integrated onto the Teleporte™ enterprise 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	Signal
Red	18-60 VDC Input
Black	12V SLA Backup Battery
Yellow	9V Backup Battery
Green	Solenoid Driver
Brown	Exit Signal
Orange	12V or Relay Output
White	Door Open/Close Sensor
Blue	Lock Status Sensor

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

Orderable Part Number	AX5-i-(R)-(MAG)-[STD/PWR]
	(optional) [choice]
	• **i**: Full Electrical Isolation
	• **R**: Includes Relay
	• **MAG**: Configured to power in locked state
	• **PWR**: Wiring provides 12V output to power lock
Shipping Information (AX5-50)	Shipping Box Dimensions: 12" x 12" x 14"
	Shipping Box Weight: 32 lbs.
	Shipping Box Contents:
	• 50 AX5 Controllers
	• 50 AX5 Cable Harnesses
	• 50 Magnetic Door-Close Sensors

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Certifications & Characteristics

Parameter	Certification / Characteristic
Wireless Range	>10 meters in free space
Quiescent Current Consumption	2mA
Sustainable Drive Current	3A (5A max peak)
Weight	66 grams
Materials Composition	REACH and RoHS-compliant
Case material	Ignition-resistant, flame-retardant ABS plastic
Certifications	FCC
RF Connectivity	Bluetooth 5, 2.402 – 2.485 GHz

Standard Operating Parameters

Parameter	Certification / Characteristic
Operating Temperature	-40°C to 85°C
Operating Humidity	Up to 100%. Not for underwater use

Absolute Maximum Ratings

Parameter	Certification / Characteristic
Water Resistance	For use in indoor environments
Temperature	-55°C to 110°C