

SA1DK / SA1DP

Indoor Single-Door
Standalone Controller

Indoor Single-Door Standalone
PIN & Proximity Controller



KEY FEATURES

- Advanced 500-user stand-alone controller
- Access via proximity card and/or PIN code (*SA1DP*)
- Compatible with 26-Bit EM proximity cards (*SA1DP*)
- Two-tri-colored LED and internal buzzer indicators
- Lock strike and auxiliary relay outputs
- Input for Request to Exit (REX) button
- Internal case and wall tamper detection
- Internal suppression diode (1N4004) (*SA1DP*)
- Supplied with a security screw, security screw tool, and a mounting template
- 3 User Levels : Normal, Secure, Master
- 3 Operational Modes : Normal, Bypass, Secure
- Built-in 125 KHz ASK type EM RFID proximity reader (*SA1DP*)
- Programmable Lock Strike Release Time

OPERATIONAL MODES

Normal Mode

A valid user code can activate the Lock Output



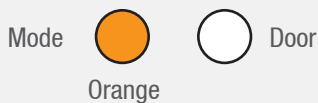
Secure Mode

A Master user code can activate the Lock Output
A valid user with two codes can activate the Lock Output



Bypass Mode

The * key can activate the Lock Output
A valid user code can activate the Lock Output



TECHNICAL SPECIFICATIONS

Operating Voltage Range	12-24 V DC/AC From transformer or power supply
Max. Input Current	Standby : 35mA (not including attached devices) Maximum : 8 mA (not including attached devices)
Inputs	REX : N.O., dry relay contacts Auxiliary : In monitor mode, N.C., dry contact Auxiliary : In input mode, N.O., dry contact
Relay Outputs	Lock strike relay : 2 A, form-C with built-in suppressor protection Auxiliary relay : Form C, 1A
LED Signaling	Two Tri-colored LEDs
Dimensions	92 (H) x 92 (W) x 24 (D) mm (3.5 x 3.5 x 0.945 in)
Weight	130 g (4.6 oz.)
Operating Temperature	0°C to 63°C (32°F to 145°F)
Operating Humidity	0% to 95% relative humidity (non-condensing)
Operating Environment	Indoor use
RFI Protection	> 20 V/m up to 1000 MHz

(for SA1DP only)

Compatible Cards	All 26-Bit EM proximity cards
Modulation	ASK at 125KHz
Max. Reading Range	80 mm (3.15 inch)

