RCI Conekt CSR-6.2L & CSR-6.4L
13.56MHz High security keypad readers

CSR-6.2L mullion

CSR-6.4L

RCI Conekt CSR-6.2L & CSR-6.4L Mobile ready keypad reader

A contactless smartcard reader solution with mobile access support. Based upon the proven LEGIC® contactless RFID platform, RCI Conekt readers interface with a wide range of electronic access control systems by complying with either the legacy Wiegand or the latest bi-directional Open Supervised Device Protocol (OSDP). They offer value-add features such as MAXSecure™ and ValidID™, and support both sector and card serial number (CSN) reads. In addition to traditional contactless smartcard access credentials, such as clamshell cards and key tags, the platform also offers the option of mobile access credentials loaded on Bluetooth Low Energy (BLE)-enabled smartphones. This allows the smartphone to function as a contactless electronic access control credential. RCI Conekt access credentials, both traditional and mobile, can be ordered programmed to various formats in exact number sequence required.

Bluetooth low energy Supporting RCI Conekt or Switch™ tech smartphone mobile credentials	**Optimized for MIFARE® DESFire® EV1 & EV2** Integrated high-security contactless smartcard support	**MAXSecure™** Unique security feature	**ValidID™** Fraudulent data detection solution
ETL Listed Independently tested and certified (Wiegand models) Conform to UL Standard 294 and ULC 60839-11-1	**Warranty** Lifetime warranty	**Wiegand or OSDP** Output Interface	**Mullion Mount (CSR-6.2L)** Metal door, window frames & flat surfaces
U.S. Single-gang wall-box mount (CSR-6.4L) Box & flat surfaces	**Frequency:** 13.56 MHz and 2.4 GHz **Read range:** Physical credentials: Up to 2 inches (51 mm) Mobile Credentials: Up to 15 feet (4.6 m)		

CSR-6.2L & CSR-6.4L Mobile-ready keypad and reader specifications

Models	CSR-6.2L Mullion-mount mobile-ready contactless smartcard reader and keypad CSR-6.4L Single-gang wall switch box mount mobile-ready contactless smartcard reader and keypad
Technology	Contactless smartcard and Bluetooth Low Energy (BLE)
Frequency	13.56 MHz (contactless smartcard) and 2.4 GHz (BLE)
Mounting	CSR-6.2L: Mullions, including metal door and window frames, as well as flat surfaces CSR-6.4L: Single-gang wall box, as well as flat surfaces
Dimensions	CSR-6.2L: 1.78" W × 6.1" H × 0.91" D (45 mm × 155 mm × 23 mm) CSR-6.4L: 3" W × 4.6" H × 0.75" D (76 mm × 117 mm × 19 mm)
Certifications	FCC, ICC, CE, UL Standard 294, ULC 60839-11-1
IP code	IP67
Voltage	+8 to 14 VDC
Current draw	60 mA typical, 250 mA peak @ 12 VDC
Read range	Physical credentials: Up to 2 inches (51 mm) Mobile credentials: Up to 15 feet (4.6 m)
Cabling	24 AWG minimum, multiconductor stranded with an overall foil shield
Interface	Wiegand (26-bit and custom formats) or OSDP
Operating temperature	−31° F to 150° F (−35° C to +66° C)
Operating humidity	0% to 90% relative humidity
Color options	A black snap-on cover included standard
Audio tone	Beeper included standard
Indoor & outdoor installation	Electronics sealed in weather- and tamper-resistant epoxy potting
Warranty	Limited lifetime warranty
LED	Four-state standard (red, green, amber, and off)
Keypad output	Either Wiegand or OSDP
Technologies supported	Interoperable with contactless smartcard CSN (may include ISO 14443 compliant credentials and MIFARE® Classic 1k & 4k, MIFARE® DESFire® EV1 & EV2, MIFARE UltraLight® and MIFARE Plus®), Sector such as MIFARE® Classic 1k & 4k, MIFARE® DESFire® EV1 & EV2, INSIDE Secure®/PICOPASS® classic-type transponders, as well as RCI Conekt.

NOTES:

Optimized for use with devices supporting BLE version 4.2 or newer. Spacer included standard for installations on metal. Depending on environment, additional spacing may be required. Carrying the ETL Label and tested by Intertek, conforms to UL Standard 294 and ULC Standard 60839-11-1. Only Wiegand models have been evaluated. Independently tested and verified by Intertek. Linear power supplies are recommended for best operation. For credentials and mobile credentials, read ranges are further subject to the type of smartphone, as well as the manner in which it is used, covers or external batteries affixed, as well as the installation, its environment and individual reader settings. Belden 9535 or Belden 9539 or similar, for all reader functions. Shielded, twisted pair (Belden 8723 or similar) for OSDP. Contact your access control system manufacturer for their specific requirements. 8-Bit Burst or 26-bit Wiegand standard. CSN = Card Serial Number. Revision 8 or newer includes technology support for certain HID® standard classic-type 13.56-MHz contactless smartcard protocols. RCI Conekt Mobile Access Credentials are intended to be supported by the current and preceding versions of Apple® iOS and standard compliant Google Android™ mobile operating software (OS) version OS5 and its successors. Custom OS variants may result in a loss of functionality. Revision 8 or newer includes technology support for Touchless Activation-enabled RCI Conekt Mobile Access Credentials..

Patent Pending

Intertek

Any questions? We would be happy to advise you.

Contact us at: 1-800-265-6630

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