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RCI Conekt CSR-35L
13.56MHz High security BLE & smartcard reader
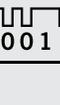
CSR35L Mullion

CSR35L

RCI Conekt CSR-35L Mobile ready BLE & smartcard reader

RCI Conekt comprises a contactless smartcard reader solution with mobile access support. Based upon the proven LEGIC® contactless digital radio frequency identification (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 model) Conforms to UL Standard 294 and ULC 60839-11-1

Warranty
Lifetime warranty

Wiegand or OSDP
Output interface

Single reader for mullion or wall-switch mount
Metal door, window frames & flat surfaces

Frequency: 13.56 MHz and 2.4 GHz
Read range: Physical credentials: Up to 1.5 inches (38 mm) Mobile credentials: Up to 15 feet (4.6 m)

Factsheet

CSR35L Mobile-ready reader specifications

Technology	Contactless smartcard and Bluetooth Low Energy (BLE)
Frequency	13.56 MHz (contactless smartcard) and 2.4 GHz (BLE)
Mounting	A single reader for metal door and window frames, single-gang wall boxes, and flat surfaces
Dimensions	Mullion: 1.7" W × 4.7" H × 1.2" D (43 mm × 119 mm × 30 mm) Switch plate: 3" W × 5.1" H × 1.2" D (76 mm × 130 mm × 30 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 1.5 inches (38 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
Audio tone	Beeper included standard
Indoor & outdoor installation	Electronics sealed in weather- and tamper-resistant epoxy potting
Warranty	Limited lifetime warranty
LED	Five-state standard (blue, red, green, amber, and off)
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 (may include 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. 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. Installation and other criterial may affect range. For 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. 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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