

RCI Electronic Access Controls Product Catalogue



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Touchless Access Solutions

Good for Hygiene. Good for You.



Touchless switches



Touchless actuators



Low energy swing door operators

Reduce the spread of germs in your facility.

Hygiene is one of the most important things in our lives. Touchless door activation can make the difference when it comes to a clean, hygienic facility. Touchless access is crucial in high contact public places such as healthcare facilities, restaurants, schools, offices and restrooms.

With touchless access, abuse-related replacement expenses are greatly reduced. All switches come with a warranty. dormakaba access solutions offers many solutions to fit your needs for a touchless solution including touchless switches and low energy swing door operators. Minimizing high touchpoints does not mean you will compromise your facility's safety, security or health.

Electromagnetic Locks



RCI Electromagnetic Locks









8310 MultiMag®

For single outswinging interior or perimeter doors.
 10-1/2"W x 2-7/8"H x 1-5/8"D (268mm x 73mm x 41mm) –
 Includes 1/4" (6mm) mounting bracket
 Armature Plate: 7-7/16"W x 2-3/8"H x 5/8"D
 (190mm x 61mm x 16mm)



8320 MultiMag®

For double outswinging interior or perimeter doors.
 21-1/8"W x 2-7/8"H x 1-5/8"D (536mm x 73mm x 41mm) –
 Includes 1/4" (6mm) mounting bracket
 Armature Plate: 7-7/16"W x 2-3/8"H x 5/8"D
 (190mm x 61mm x 16mm) each

	Energy 230mA ¹ Auto-Sensing 12-24VDC		Strength Up to 1,200lbf Holding Force (each electromagnet)		Warranty Lifetime Limited Warranty
	Mode Fail-Safe		Fire-Rated CAN/ULC S104 UL 10C 1-1/2-Hours		Monitoring Optional Door Status Sensor (DSS)/ Security Condition Sensor (SCS) Available

¹Max at 12VDC for 8310, 460mA for 8320

- Keyhole mounting for ease of installation
- Built-in time delay (instant release with adjustable relock, programmable from 0-35 seconds)
- Convenient plug-in wiring terminals
- Easy-access wiring cavity
- Stabilizing 4-bolt "drop stop" mounting
- Surge protection
- Designed to overcome residual magnetism
- Self-drilling Tek® fasteners
- Includes 5/8" (16mm) armature plate, optional 3/8" (9.5mm) available
- Available in Brushed Anodized Aluminum (28) or Brushed Anodized Dark Bronze (40) finish
- UL 294 Special Locking Arrangement Component (6th Edition)
- CAN/ULC S104 Auxiliary Locks Listed for fire doors rated up to 1-1/2-hours
- UL 10C Auxiliary Locks Listed for fire doors rated up to 1-1/2-hours
- California State Fire Marshal Listed (CSFM: 3774-2275:0500)



Options

SCS – Security Condition Sensor

Electronic field presence sensor for remote and local LED indication of lock status (locked or unlocked), reduced holding force caused by materials between magnet and plate and unlocked device due to voltage drop.



DSS – Door Status Sensor

Magnet-reed type sensor for remote indication of door status (opened or closed) independent of local power. Magnet embedded in armature for tamper resistance; reed switch inside electronic housing cavity for easy access.



Armature Plate: 9-7/8"W x 2-3/8"H x 5/8"D
 (252mm x 61mm x 16mm)

How To Order

MultiMag®				Finish
Single Magnet	10			28 –Brushed Anodized Aluminum ²
Double Magnet	20			40 –Brushed Anodized Dark Bronze
	83		x	
		SCS		–Security Condition Sensor
		DSS		–Door Status Sensor
		DSS/SCS		–Door Status Sensor and Security Condition Sensor

Options

Example: **8310 SCS x 28**

²Standard

RCI Electromagnetic Locks









8310-IQ IntelliMag®

For single outswinging interior or perimeter doors.
 10-1/2"W x 2-7/8"H x 1-5/8"D (268mm x 73mm x 41mm) –
 Includes 1/4" (6mm) mounting bracket
 Armature Plate: 7-7/16"W x 2-3/8"H x 5/8"D
 (190mm x 61mm x 16mm)



8320-IQ IntelliMag®

For double outswinging interior or perimeter doors.
 21-1/8"W x 2-7/8"H x 1-5/8"D (536mm x 73mm x 41mm) –
 Includes 1/4" (6mm) mounting bracket
 Armature Plate: 7-7/16"W x 2-3/8"H x 5/8"D
 (190mm x 61mm x 16mm) each

 Energy 590mA ¹ Field-Selectable 12/24VDC	 Strength Up to 1,200lbf Holding Force (Each Electromagnet)	 Warranty Lifetime Limited Warranty
 Mode Fail-Safe	 Fire-Rated CAN/ULC S104 UL 10C 1-Hour	 Monitoring Individually Encoded Armature Plate

¹Max at 12VDC for 8310-IQ, 1.18A for 8320-IQ

- Designed for high security applications, this intelligent magnet recognizes its own armature plate, preventing anyone from "tricking" the magnet with a separate plate – each encoded armature plate is individually registered to match its own electromagnetic lock
- Two independent relay outputs allow for lock status and alarm status for local and/or remote indication
- Illegal armature plate alarm
- Alarm time setting
- Keyhole mounting for ease of installation
- Easy-access wiring cavity
- Stabilizing 4-bolt "drop stop" mounting

- Surge protection
- Built-in time delay (instant release with adjustable relock, programmable from 0-90 seconds)
- Includes 5/8" (16mm) armature plate
- Available in Brushed Anodized Aluminum (28) or Brushed Anodized Dark Bronze (40) finish
- CAN/ULC S104 Auxiliary Locks Listed for fire doors rated up to 1-hour
- UL 10C Auxiliary Locks Listed for fire doors rated up to 1-hour
- California State Fire Marshal Listed (CSFM: 3774-2275:0500)



How To Order

IntelliMag®			
10	–Single Magnet		
20	–Double Magnet		
83	–IQ	x	
			28 –Brushed Anodized Aluminum ²
			40 –Brushed Anodized Dark Bronze
			Finish

Example: **8320-IQ x 40**
²Standard

RCI Electromagnetic Locks



*Shown: DE8310S

**PUSH UNTIL
ALARM SOUNDS
DOOR CAN BE
OPENED IN
15 SECONDS**









DE8310 Delayed Egress

For single outswinging perimeter door.

DE8310: 10-13/16"W x 2-7/8"H x 2-1/8"D (275mm x 73mm x 54mm) – Includes 1/4" (6mm) mounting bracket

DE8310S: 11-3/4"W x 2-7/8"H x 2-1/8"D (299mm x 73mm x 54mm) – Includes 1/4" (6mm) mounting bracket

Armature Plate: 7-7/16"W x 2-3/8"H x 5/8"D (190mm x 61mm x 16mm)

 Energy 490mA ¹ Auto-Sensing 12-24VDC	 Strength Up to 1,200lbf Holding Force	 Warranty 5 Year Limited Warranty
 Mode Fail-Safe	 Fire-Rated CAN/ULC S104 UL 10C 1-1/2-Hour	 Monitoring Local & Remote Relay Outputs & Optional Built-In Sounder

¹Base unit, max at 12VDC

- Built-in sensor detects when pressure is applied to outward swinging doors – no need to replace existing door hardware
- Field-selectable 15 or 30 second release delay with field-selectable 0 to 3 second nuisance delay
- Provision for IBC, SBC, NFPA101, UBC, BOCA or NBC of Canada compliance
- Unique highly visible red/green light panel indicates status of door (local)
- Available with built-in sounder
- Includes 960 Keyswitch for reset and override, Building Code Sign and base unit (DE8310) includes a 914 External Sounder
- Dry contact SPDT relays provided for local and/or remote monitoring
- Keyhole mounting for ease of installation
- Convenient plug-in wiring harnesses
- Easy-access wiring cavity
- Stabilizing 4-bolt "drop stop" mounting
- Surge protection
- Designed to overcome residual magnetism
- Includes self-drilling Tek's® fasteners
- DE8310 top jamb bracket kit (TJDE108) now available
- Includes 5/8" (16mm) armature plate
- Brushed Anodized Aluminum (28) finish
- Ability to synchronize up to 4 doors (with or without mullion) using a converter. Please request further details²
- UL 294 Special Locking Arrangements Component (6th Edition)

- CAN/ULC S533 Special Locking Arrangements Components (4th Edition)
- CAN/ULC S104 Auxiliary Locks Listed for fire doors rated up to 1-1/2-hour
- UL 10C Auxiliary Locks Listed for fire doors rated up to 1-1/2-hour
- Patent #'s: US 8,292,337 Canada 2,632,243

Options

S - Built-In Sounder

Built-in sounder pulses slowly during the short nuisance delay and sounds steady through the release delay and will continue until reset. If forced open before the set release delay has lapsed, the sounder cannot be turned off without switching the system power off.



Built-in Sounder

How To Order

DE8310 x 28
 S –Built-In Sounder
Options

Example: **DE8310 S x 28**








²Custom applications that require synchronization of 3 or 4 doors will require special AHJ approval

RCI Electromagnetic Locks



171HD Magnetic Lock for Hazardous Locations

14"W x 1-3/4"H x 2"D (355mm x 45mm x 51mm)
 Armature Plate: 10-3/4"W x 1-3/4"H x 5-8"D (273mm x 45mm x 16mm)

	Energy 260 mA ¹ 24VDC		Strength Up to 1,200lbf Holding Force
	Warranty 1 Year Limited Warranty		Mode Fail-Safe
	Monitoring Door Position Status Sensor		

- Magnetic lock that meets the requirements for Class I, Division 2 applications.
- Offers continuous monitoring capability for open/close status or attempted unauthorized entry.
- Ability to securely lock fire exit doors and power down when signaled to do so by an appropriate door control unit.
- Low projections from header accommodates most door conditions without the need for filler plate or special bracket.
- Door position switch (DPS) standard feature.
- Built-in surge protection.
- Easy installation and maintenance.
- No pins, latches or moving parts to avoid failure that could impede safe egress in an emergency situation.
- Includes 5/8" (16 mm) armature plate.
- Brushed Anodized Aluminum (28) finish.
- Hazardous Locations Door Holders:
 - Category – FDGF. Class I, Division 2 compliant.
 - Tested to UL228 - Door closers-holders with/without integral smoke detectors
 - File Number – E146590
- Releasing Devices:
- Category – SZNT
 - Tested to ANSI/UL864 - control units and accessories for fire alarm systems
 - File Number – S5020

Also available

RCI ZB171HD for single in-swinging doors, pull side mount.
 Includes "Z" bracket inswing assembly kit.








RCI Electromagnetic Locks



8360 Mortise MiniMag®

For sliding doors.
 9"W x 1-1/2"H x 1-1/6"D (229mm x 38mm x 27mm) –
 Includes 3/4" (19mm) mounting tabs
 Armature Plate: 7-1/4"W x 1-1/2"H x 1/2"D
 (185mm x 38mm x 13mm)

	Energy 500mA ¹ Field-Selectable 12/24VDC		Strength Up to 750lbf Holding Force
	Warranty Lifetime Limited Warranty		Mode Fail-Safe
	Monitoring Built-In Remote Lock Status Sensor		

¹Max at 12VDC

- Low-profile design ideal for sliding doors
- Brushed Anodized Aluminum (28) finish





How To Order

8360 x 28



8365 Mortise MicroMag®

For small enclosures.
 7-15/16"W x 1-11/32"H x 13/16"D (202mm x 34mm x 21mm) – In-
 cludes 11/16" (17.5mm) mounting tabs
 Armature Plate: 5-1/8"W x 1-1/4"H x 21/64"D
 (130mm x 32mm x 8.5mm)

	Energy 400mA ¹ Field-Selectable 12/24VDC		Strength Up to 300lbf Holding Force
	Warranty Lifetime Limited Warranty		Mode Fail-Safe

¹Max at 12VDC

- Low-profile design ideal for sliding doors, cabinets and small enclosures
- Brushed Anodized Aluminum (28) finish

How To Order

8365 x 28

RCI Electromagnetic Locks









8371 Surface MiniMag®

For single outswinging interior or perimeter doors.
 9-3/8"W x 1-7/8"H x 1"D (238mm x 48mm x 25mm) –
 Includes 3/16" (5mm) mounting bracket
 Armature Plate: 7-1/4"W x 1-1/2"H x 1/2"D
 (185mm x 38mm x 13mm)

8372 Surface MiniMag®

For double outswinging interior or perimeter doors without mullions.
 18-3/4"W x 1-7/8"H x 1"D (476mm x 48mm x 25mm) –
 Includes 3/16" (5mm) mounting bracket
 Armature Plate: 7-1/4"W x 1-1/2"H x 1/2"D
 (185mm x 38mm x 13mm) each

 Energy 520mA ¹ Field-Selectable 12/24VDC	 Strength Up to 750lbf Holding Force (each electromagnet)	 Warranty Lifetime Limited Warranty
 Mode Fail-Safe	 Fire-Rated CAN/ULC S104 UL 10C 1-Hour	 Monitoring Optional Door Status Sensor (DSS)/ Security Condition Sensor (SCS) Available

¹Max at 12VDC for 8371, 1.04A for 8372

- Stabilizing 4 bolt "drop stop" mounting
- Keyhole mounting for ease of installation
- Surge protection
- Designed to overcome residual magnetism
- Easy-access wiring cavity
- Includes 3/8" (9.5mm) armature plate
- Available in Brushed Anodized Aluminum (28) or Brushed Anodized Dark Bronze (40) finish
- UL 294 Special Locking Arrangement Component (6th Edition)
- UL 10C Auxiliary Locks Listed for fire doors rated up to 1-hour
- CAN/ULC S104 Auxiliary Locks Listed for fire doors rated up to 1-hour
- California State Fire Marshal Listed (CSFM: 3774-2275:0500)

SCS – Security Condition Sensor

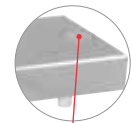
Electronic field presence sensor for remote and local LED indication of lock status (locked or unlocked), reduced holding force caused by materials between magnet and plate and unlocked device due to voltage drop.



LED Indicator

DSS – Door Status Sensor

Magnet-reed type sensor for remote indication of door status (opened or closed) independent of local power. Magnet embedded in armature for tamper resistance; reed switch inside electronic housing cavity for easy access.



Magnetic Door Contact

Options



How To Order

MiniMag®		Finish	
Single Magnet	71	28	–Brushed Anodized Aluminum ²
Double Magnet	72	40	–Brushed Anodized Dark Bronze
	83	x	
		SCS	–Security Condition Sensor
		DSS	–Door Status Sensor
		DSS/SCS	–Door Status Sensor And Security Condition Sensor

Options

Example: **8371 SCS x 28**





²Standard

RCI Electromagnetic Locks



8375 Surface MicroMag®

For swinging doors on small enclosures.
 6-17/32"W x 1-1/2"H x 13/16"D (166mm x 38mm x 21mm) –
 Includes 1/8" (3mm) mounting bracket
 Armature Plate: 5-1/8"W x 1-1/4"H x 21/64"D
 (130mm x 32mm x 8.5mm)

	Energy 360mA ¹ Field-Selectable 12/24VDC		Strength Up to 300lbf Holding Force
	Warranty Lifetime Limited Warranty		Mode Fail-Safe

¹Max at 12VDC







- Low-profile compact design
- Easy-access wiring cavity
- Surge protection
- Designed to overcome residual magnetism
- Self-drilling Teks® fasteners
- Includes 21/64" (8.5mm) armature plate
- Brushed Anodized Aluminum (28) finish

How To Order

8375 x **28**

8380 GateMag®

For interior or exterior perimeter gates.
 8-7/8"W x 2-1/2"H x 1-3/4"D (225mm x 63mm x 45mm)
 Armature Plate: 7-7/16"W x 2-3/8"H x 5/8"D (190mm x 61mm x 16mm)

	Energy 480mA ¹ Field-Selectable 12/24VDC		Strength Up to 1,200lbf Holding Force
	Warranty Lifetime Limited Warranty		Mode Fail-Safe
	Fire-Rated CAN/ULC S104 UL 10C 1-1/2-Hour		Environment Rugged Weather- Resistant Design

¹Max at 12VDC

- Rugged, stainless steel housing
- Weather-resistant
- Built-in remote lock status (RLS) indicated whether the magnet is locked or unlocked
- Versatile face or bottom through-bolt mounting
- Built-in conduit fitting and extra-long wire cable allowing easy wire access to an electrical box
- Surge protection
- Designed to overcome residual magnetism
- Includes 5/8" (16mm) armature plate, optional 3/8" (9.5mm) available
- Brushed Stainless Steel (32D) finish
- UL 10C Auxiliary Locks Listed for fire doors rated up to 1-1/2-hours
- CAN/ULC S104 Auxiliary Locks Listed for fire doors rated up to 1-1/2-hours
- California State Fire Marshal Listed (CSFM: 3774-2275:0500)



How To Order

8380 x **32D**

RCI Electromagnetic Locks Accessories



Angle Brackets

For narrow aluminum frames or center-hung single-acting doors, when inadequate space is left for mounting.

- Available in Brushed Anodized Aluminum (28) or Brushed Anodized Dark Bronze (40). Please specify when ordering.

Model	Dimensions	Finish	Compatible with
AB-01	1"H x 1"W x 10-1/2"L	28/40	8310
AB-02	1-1/2"H x 1"W x 10-1/2"L	28/40	8310
AB-03	1-1/2"H x 1-1/4"W x 10-1/2"L	28/40	8310
AB-20	1"H x 1"W x 21"L	28/40	8320
AB-21	1-1/2"H x 1"W x 21"L	28/40	8320
AB-22	1-1/2"H x 1-1/4"W x 21"L	28/40	8320
AB-710	1"H x 1"W x 9-3/8"L	28/40	8371
AB-711	1-1/2"H x 1"W x 9-3/8"L	28/40	8371
AB-712	1-1/2"H x 1-1/2"W x 9-3/8"L	28/40	8371
AB-713	1-1/2"H x 2"W x 9-3/8"L	28/40	8371
AB-720	1"H x 1"W x 18-3/4"L	28/40	8372
AB-721	1-1/2"H x 1"W x 18-3/4"L	28/40	8372
AB-722	1-1/2"H x 1-1/2"W x 18-3/4"L	28/40	8372
AB-723	1-1/2"H x 2"W x 18-3/4"L	28/40	8372
AB179NR-258	1-1/2"H x 2-5/8"W x 14"L For door with No Reveal - Single - Angle Bracket	28	171HD
AB179R-118-158	1"H x 1"W x 14"L For 1-1/8" to 1-5/8" Reveal - Single - Angle Bracket	28	171HD
AB179R-58-1	1-1/2"H x 2"W x 14"L For 5/8" to 1" Reveal - Single - Angle Bracket	28	171HD



Armature Bolts

Model	Dimensions	Description
Compatible with: 8310, 8310-IQ, DE8310, EW8310, 8371, 8380		
ARMB155	2-1/8" (55mm)	For doors 1-3/4"-2-1/4" (44-57mm) thick
ARMB170	2-3/4" (70mm)	For doors 2-1/4"-2-3/4" (57-70mm) thick
ARMB180	3-1/8" (80mm)	For doors 2-1/2"-3" (70-76mm) thick
Compatible with: 8320, 8320-IQ, 8372		
ARMB255	2-1/8" (55mm)	For doors 1-3/4"-2-1/4" (44-57mm) thick
ARMB270	2-3/4" (70mm)	For doors 2-1/4"-2-3/4" (57-70mm) thick
ARMB280	3-1/8" (80mm)	For doors 2-1/2"-3" (70-76mm) thick



Armature Plates

Model	Dimensions	Finish	Compatible with
APO1	3/8" (9.5mm)	Steel	8310, 8320, 8380
APO2	5/8" (16mm)	Steel	8310, 8320, 8380
APO3	3/8" (9.5mm)	Steel	8360, 8371, 8372
APO4	5/16" (8mm)	Steel	8365, 8375
AP20	3/8" (9.5mm)	Steel	8310xDSS, 8320xDSS
AP21	5/8" (16mm)	Steel	8310xDSS, 8320xDSS
APO3D	3/8" (9.5mm)	Steel	8371xDSS, 8372xDSS



DSS Retrofit Kits

If a door status sensor is desired after magnet has been installed, it can easily be added on site.

- Kit includes both Brushed Anodized Aluminum (28) and Brushed Anodized Dark Bronze (40) cover plate screws.

Model	Description	Finish	Compatible with
DSR01	3/8" (9.5mm)	Steel	8310
DSR02	5/8" (16mm) Standard	Steel	8310
DSR03	3/8" (9.5mm)	Steel	8320
DSR04	5/8" (16mm) Standard	Steel	8320



Armature Plate Holders

- Available in Brushed Anodized Aluminum (28) or Brushed Anodized Dark Bronze (40). Please specify when ordering.

Model	Description	Finish	Compatible with
AH10	8310 armature plate holder	28/40	8310
AH15	8310xDSS armature plate holder	28/40	8310xDSS
AH20	8320 armature plate holder	28/40	8320
AH25	8320xDSS armature plate holder	28/40	8320xDSS
AH71	8371 armature plate holder	28/40	8371
AH72	8372 armature plate holder	28/40	8372
AH75	8375 armature plate holder	28/40	8375

NOTE: Accessories may impact holding force.

RCI Electromagnetic Locks Accessories



Conduit Mounting Bracket

Used anywhere surface-mounted conduit is required to run wires to the face of the magnetic lock.

Model	Dimensions	Finish	Compatible with
CMB108	1"D x 2-11/64"H x 10-9/16"L	28	8310



Filler Bars/Filler Plates

For frame stops narrower than 2" (51mm).

- Available in Brushed Anodized Aluminum (28) or Brushed Anodized Dark Bronze (40). Please specify when ordering.

Model	Dimensions	Finish	Compatible with
FB-01	1/4"H x 3/4"W x 10-1/2"L	28/40	8310
FB-02	3/8"H x 3/4"W x 10-1/2"L	28/40	8310
FB-03	1/2"H x 3/4"W x 10-1/2"L	28/40	8310
FB-04	5/8"H x 3/4"W x 10-1/2"L	28/40	8310
FB-05	1/2"H x 5/8"W x 10-1/2"L	28/40	8310
FB-20	1/4"H x 3/4"W x 21"L	28/40	8320
FB-21	3/8"H x 3/4"W x 21"L	28/40	8320
FB-22	1/2"H x 3/4"W x 21"L	28/40	8320
FB-23	5/8"H x 3/4"W x 21"L	28/40	8320
FB-24	1/2"H x 5/8"W x 21"L	28/40	8320
FB-710	1/4"H x 3/4"W x 9-3/8"L	28/40	8371
FB-711	3/8"H x 3/4"W x 9-3/8"L	28/40	8371
FB-712	1/2"H x 3/4"W x 9-3/8"L	28/40	8371
FB-713	5/8"H x 3/4"W x 9-3/8"L	28/40	8371
FB-720	1/4"H x 3/4"W x 18-3/4"L	28/40	8372
FB-721	3/8"H x 3/4"W x 18-3/4"L	28/40	8372
FB-722	1/2"H x 3/4"W x 18-3/4"L	28/40	8372
FB-723	5/8"H x 3/4"W x 18-3/4"L	28/40	8372
FP178-12	1/2"H x 1-1/4"W x 14"L Single Filler Plate	28	171HD
FP178-58	5/8"H x 1-1/4"W x 14"L Single Filler Plate	28	171HD



Post Bracket

Used to mount armature plate to sliding gate.

Model	Dimensions	Finish	Compatible with
PB-80	3-1/2"H x 2-1/2"W x 8-7/8"L	28	8380



Glass Door Brackets

Required for glass doors without mounting rails.

Model	Dimensions	Finish	Compatible with
GB8112	1/2" (13mm)	32D	8310
GB8134	3/4" (19mm)	32D	8310
GB8212	1/2" (13mm)	32D	8320
GB8234	3/4" (19mm)	32D	8320
GB7112	1/2" (13mm)	32D	8371
GB7134	3/4" (19mm)	32D	8371
GB7212	1/2" (13mm)	32D	8372
GB7234	3/4" (19mm)	32D	8372
GB7512	1/2" (13mm)	32D	8375
GB7534	3/4" (19mm)	32D	8375



L Brackets

Required when there is no space on the header to mount the magnetic lock.

Magnet mounts on bracket and bracket mounts on vertical face of frame.

- Available in Brushed Anodized Aluminum (28) or Brushed Anodized Dark Bronze (40). Please specify when ordering.

Model	Dimensions	Finish	Compatible with
LB-10	2-1/2"H x 2"W x 10-1/2"L	28/40	8310
LB-20	2-1/2"H x 2"W x 21"L	28/40	8320

RCI Electromagnetic Locks Accessories

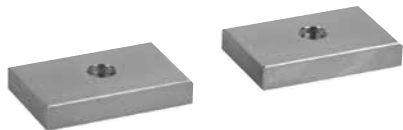


Spacers

For aluminum blade stop frames. Used to lower the magnet to align with armature plate.

- Available in Brushed Anodized Aluminum (28) or Brushed Anodized Dark Bronze (40). Please specify when ordering.

Model	Dimensions	Finish	Compatible with
SP-01	1/4"H x 1-1/2"W x 10-1/2"L	28/40	8310
SP-02	3/8"H x 1-1/2"W x 10-1/2"L	28/40	8310
SP-03	1/2"H x 1-1/2"W x 10-1/2"L	28/40	8310
SP-04	5/8"H x 1-1/2"W x 10-1/2"L	28/40	8310
SP-20	1/4"H x 1-1/2"W x 21"L	28/40	8320
SP-21	3/8"H x 1-1/2"W x 21"L	28/40	8320
SP-22	1/2"H x 1-1/2"W x 21"L	28/40	8320
SP-23	5/8"H x 1-1/2"W x 21"L	28/40	8320
SP-710	1/4"H x 1"W x 9-3/8"L	28/40	8371
SP-711	3/8"H x 1"W x 9-3/8"L	28/40	8371
SP-712	1/2"H x 1"W x 9-3/8"L	28/40	8371
SP-713	5/8"H x 1"W x 9-3/8"L	28/40	8371
SP-720	1/4"H x 1"W x 18-3/4"L	28/40	8372
SP-721	3/8"H x 1"W x 18-3/4"L	28/40	8372
SP-722	1/2"H x 1"W x 18-3/4"L	28/40	8372
SP-723	5/8"H x 1"W x 18-3/4"L	28/40	8372
SP-75	1/4"H x 13/16"W x 6-9/16"L	28/40	8375



Split Armature Plates

Allow use of single magnet lock with pair of doors.

Model	Dimensions	Finish	Compatible with
SA138	3/8" (9.5mm)	Steel	8310
SA158	5/8" (16mm)	Steel	8310
SA75	5/16" (8mm)	Steel	8375



Top Jamb "Z" Bracket

Allows for horizontal adjustment of armature plate. Mounted on pull side of the door.

- Available in Brushed Anodized Aluminum (28) or Brushed Anodized Dark Bronze (40). Please specify when ordering.

Model	Description	Finish	Compatible with
TJ10	8310 Z bracket kit	28/40	8310
TJ20	8320 Z bracket kit	28/40	8320
TJ71	8371 Z bracket kit	28/40	8371
TJ72	8372 Z bracket kit	28/40	8372
TJ75	8375 Z bracket kit	28/40	8375
TJ80	8380 Z bracket kit	28/40	8380
TJDE108	DE8310 bracket kit For inswing applications.	28	DE8310



Hardware Packs

Model	Description	Compatible with
HK8310	Includes: Allen wrench, metal sleeve, armature bolt, sexnut, bolt, steel washers, rubber washers, flat head screws, pan head screws, plugs, TEK screws.	8310, 8320 (Buy 2 to make one 8320 Hardware kit)
HK8371	Includes: Allen wrench, metal sleeve, armature bolt, sexnut, bolt, steel washers, rubber washers, flat head screws, pan head screws, plugs, TEK screws.	8371
HK8375	Includes Allen wrench, armature bolt, steel washers, rubber washers, TEK screws, round head screws, button head sexnut.	8375

RCI Electromagnetic Locks Building Code Signs



BC1 Series Building Code Signs

11"W x 10"H (28cm x 25cm)

- Available in English, French and Spanish. Please specify when ordering.

Model	Description
BC1P	15 Seconds, printed on clear Plexiglass
BC1M	15 Seconds, printed on clear Mylar
BC1MW	15 Seconds, printed on white Mylar
BC1T	15 Seconds, red vinyl transfer letters
BC1M-30	30 Seconds, printed on clear Mylar



BCDE Series Building Code Signs

11"W x 10"H (28cm x 25cm)

- Available in English, French and Spanish. Please specify when ordering.

Model	Description
BCDEP	15 Seconds, printed on clear Plexiglass
BCDEM	15 Seconds, printed on clear Mylar
BCDEMW	15 Seconds, printed on white Mylar
BCDET	15 Seconds, red vinyl transfer letters
BCDEM-30	30 Seconds, printed on clear Mylar



BC2 Series Building Code Signs

13"W x 4"H (33cm x 10cm)

- Available in English, French and Spanish. Please specify when ordering.

Model	Description
BC2P	Printed on clear Plexiglass
BC2M	Printed on clear Mylar
BC2MW	Printed on white Mylar
BC2T	Red vinyl transfer letters

Sign size may increase slightly for French or Spanish text.



BC3 Series Building Code Signs

14"W x 12"H (36cm x 30.5cm)

- Available in English, French and Spanish. Please specify when ordering.

Model	Description
BC3P	Printed on clear Plexiglass
BC3M	Printed on clear Mylar
BC3MW	Printed on white Mylar
BC3T	Red vinyl transfer letters

Electric Strikes



RCI Electric Strikes

Strike Cross Reference

RCI		HES	Allegion/Von Duprin	Folger Adam	Adams Rite	Trine
0 Series Rim Strikes	0161	-	6112	310-4	-	EN800
	0162	9600	-	-	-	4800
	F0162	9500	6300	-	-	4800F
	0163	9400	-	-	-	4850
F1 Series Fire-Rated Centerline Strikes	F1114	7501	6211	712, 732, 712-75, 732-75	-	EN400
	F1119	-	6215	310-2	-	EN950
2 Series All-In-One Strikes	F2164/2364	1006 1006CLB	6400	742-75	-	4100
	4104/4304	5200-501A	5100	-	-	2012RD/RS
4 Series Centerline Strikes	4105/4305	-	-	-	-	-
	4107/4307	5200-503	-	-	-	-
	4108/4308	5200-502	-	-	-	-
	4114/4314	5200-501	4211	-	7170	-
	4119/4319	-	6200	-	-	-
	F4104	4500	-	-	-	-
	F4114	4500	-	-	7270	-
6 Series Centerline Strikes	S/L6504	5000-501A 5200-501A	5100	-	7101, 7160 7300, 7440	-
	S/L6505	-	-	-	-	-
	S/L6507	5000-503 5200-503	-	-	7130, 7430	-
	S/L6508	5000-502 5200-502	5100	-	7110, 7310 7410	-
	S/L6514	5200-501 5000-501	5100, 4200	-	-	2012
	S/L65U	-	5100	-	-	-
7 Series Centerline Strikes	7104/7304	5000-501A 5200-501A	5100	-	7100	2012RD
	7105/7305	-	-	-	-	-
	7107/7307	5000-503	-	-	-	2678
	7107/7108	5200-503	5100	-	7110	-
	7114/7314	5200-501	5100	-	7140	2012
	7119/7319	-	6200	-	-	-
Compact Strikes	12C	-	-	-	-	323478LC

RCI Electric Strikes

0 Series

0161 3/4" Semi-Mortise Rim Strikes

Semi-mortise rim strike designed for use with Pullman latch rim exit devices.

1-3/4"W x 9"H x 1-5/8"D (45mm x 229mm x 41mm)

	Energy 200mA ¹ 12VAC/VDC Or 24VAC/VDC		Strength 1,500lbf Static 70ft-lb Dynamic
	Warranty 3 Year Limited Warranty		Mode Fail-Secure
	Endurance 500,000 Cycles		

¹Max at 12VDC

- Semi-mortise rim strike designed for use with Pullman latch rim exit devices
- Accommodates 1/2" to 3/4" (13mm–19mm) latch projection
- Ensures proper latch alignment with horizontal adjustment
- Stainless steel ensures superior strength and creates a sleek aesthetic design
- Lockdown holes for secure mount
- Non-handed
- Brushed Stainless Steel (32D) finish
- UL 1034 burglary-resistant Listed



How To Order

0161	-		x	32D
		05		-12VAC/VDC
		08		-24VAC/VDC
				Voltage

Example: **0161 - 05 x 32D**

Accessories

Model	Description
0161DDH	Double door housing, SPC ² finish

NOTE: UL 1034 Burglary-resistant listing does not apply with use of 0161DDH.

²SPC=Silver Powder Coat



RCI Electric Strikes










O Series

0162 3/4" Rim Strikes

Completely surface-mounted rim strike designed for use with Pullman latch rim exit devices.

1-3/4"W x 9"H x 3/4"D (45mm x 229mm x 20mm)

	Energy 500mA ¹ Field-Selectable 12/24VDC & 12-24VAC		Strength 1,500lbf Static 70ft-lb Dynamic
	Warranty 5 Year Limited Warranty		Mode Fail-Secure
	Endurance 500,000 Cycles (standard)		Fire-Rated Optional 3-Hour Model Available ²
	Latch Monitor Optional Latch Monitor Model Available		

¹Max at 12VDC

²Fire-rated (F) model only



Conventional Keeper
(One Moving Part)

Lockdown Holes
For Secure Mount

Latch Monitor
(0162LM Model)

How To Order

Options

F	-Fire-Rated				
		0162	x	32D	
				LM	-Latch Monitor

Options

Example: **F0162LM x 32D**

Accessories

Model	Description
0162DDH	Double door housing, SPC ³ finish
0162MSK	1/16" (1.5mm) mounting spacers

NOTE: UL 1034 Burglary-resistant listing and fire-rating do not apply with use of 0162DDH. ³SPC=Silver Powder Coat

- Completely surface-mounted – no frame cutting required
- Accommodates 1/2" to 3/4" (13mm–19mm) latch projection
- Stainless steel ensures superior strength and creates a sleek aesthetic design
- Horizontal adjustment ensure proper latch positioning to compensate for door misalignment – up to 1/4" (6.4mm)
- Conventional keeper design (one moving part)- promotes even load distribution
- Plug-in wire connectors
- Lockdown holes for secure mount
- HEX socket head cap screws for added support
- Installation tool included (HEX key)
- Non-handed (featuring horizontal solenoid design)
- 1/16" (1.5mm) mounting spacers for additional latch engagement included
- Brushed Stainless Steel (32D) finish
- Factory tested to over 4-million cycles of operation
- Certified to ANSI/BHMA standard A156.31, Grade 1, endurance 500,000 cycles (R01629 & RF01629)
- UL 294 Listed for Access Control Unit Accessory (6th Edition)
- UL 1034 burglary-resistant Listed
- UL 10C, 3-hour fire-rating Listed²
- CAN/ULC S104, 3-hour fire-rating Listed²
- California State Fire Marshal Listed (CSFM: 3776-2275:0501)²
- Patent #: US 7,722,097
- Patent #: Canadian 2,597,916



Options







- LM – Latch monitor
- F – 3-hour fire-rating Listed

RCI Electric Strikes

0 Series

0163 1/2" Rim Strikes

Slim, adjustable design ideal for tight-fitting installations. Designed for use with Pullman latch rim exit devices. 1-3/4"W x 9"H x 1/2"D (45mm x 229mm x 13mm)

	Energy 270mA ¹ 11-16VAC 12VAC/VDC Or 24VAC/VDC		Strength 1,500lbf Static 70ft-lb Dynamic
	Warranty 5 Year Limited Warranty		Mode Fail-Secure
	Endurance 500,000 Cycles		Latch Monitor Optional Latch Monitor Model Available

¹Max at 12VDC

- Designed to fit in tight situations where the exit device is mounted very close to the door frame, e.g. aluminum storefront applications.
- For maximum latch engagement, the strike keeper has been designed to pivot out of the strike body versus rolling out of the strike.
- Accommodates 1/2" to 3/4" (13 mm–19 mm) latch projection.
- Horizontal adjustment ensures proper latch positioning to compensate for door misalignment – up to 1/4" (6.4 mm).
- Solenoid technology.
- Shim may be added to the strike cavity to engage with misaligned deadlatch.
- Lockdown holes for secure mount.
- Cooler operation – runs cool to the touch; no suppressor kit needed.
- High-grade stainless steel ensures superior strength and creates a sleek aesthetic.
- 1/16" (1.5mm) mounting spacer included
- Non-handed.
- Plug-in wire connectors.
- Certified to ANSI/BHMA standard A156.31, Grade 1, endurance 500,000 cycles (0163 & 0163LM)
- UL294 Listed for Access Control Unit Accessory (6th Edition).
- UL1034 burglary-resistant Listed.
- Patents pending.



How To Order

0163 x 32D

LM –Latch Monitor

Example: **0163LM x 32D**

Options

- LM – Latch monitor

Accessories

Model	Description
0162DDH	Double door housing, SPC ² finish

NOTE: UL 1034 Burglary-resistant listing does not apply with use of 0162DDH.

²SPC=Silver Powder Coat

RCI Electric Strikes









F1 Series F1114 Centerline Strikes

Features stainless steel faceplate with square corners ideal for hollow metal frames.
 Faceplate: 1-1/4"W x 4-7/8"H (32mm x 124mm)
 Insert Depth: 1-3/4" (45mm)



F1 Series F1119 Centerline Strikes

Features stainless steel faceplate with square corners ideal for aluminum and wood frames.
 Faceplate: 1-3/8"W x 9"H (34mm x 229mm)
 Insert Depth: 1-3/4"D (45mm)

 Energy 200mA ¹ 11-16VAC, 12VAC/VDC Or 24VAC/VDC	 Strength 1,500lb Static 70ft-lb Dynamic	 Warranty 5 Year Limited Warranty
 Mode Fail-Secure	 Fire-Rated CAN/ULC S104 UL 10C 1-1/2-Hour	 Endurance 500,000 Cycles

¹Max at 12VDC

- Stainless steel faceplate with square corners
- Accommodates 1/2" (12.7mm), 5/8" (16mm) or 3/4" (19mm) latch projection
- Up to 1/4" (6.4mm) horizontal adjustment, relieves side-load pressure, ensuring proper latch alignment
- Saddle-mount housing design for enhanced strength and durability
- Tamper-resistant pry-guard concealed inside the frame
- Energy efficient coil design
- Mounting tabs, shims and fasteners included
- Non-handed
- Brushed Stainless Steel (32D) finish
- UL 1034 burglary-resistant Listed
- UL 10C, 1-1/2 hour fire-rating Listed
- CAN/ULC S104, 1-1/2 hour fire-rating Listed
- Certified to ANSI/BHMA standard A156.31, Grade 1, endurance 500,000 cycles

How To Order

		Faceplate			
	14	-1-1/4"W x 4-7/8"H (32mm x 124mm), ANSI Square Corner			
	19	-1-3/8"W x 9"H (34mm x 229mm), Square Corner			
F1	1	-	x	32D	
		01	-11-16VAC		
		05	-12VAC/VDC		
		08	-24VAC/VDC		

Voltage

Example: **F1119-01 x 32D**



RCI Electric Strikes

2 Series

F2164/2364

All-In-One Strikes

Versatile design features adjustable deadbolt keeper and deadlatch ramp allowing it to work with most locks.

Faceplate: 1-1/4"W x 4-7/8"H (32mm x 124mm)

Insert Depth: 1-3/4"D (45mm)

	Energy 375mA ¹ Field-Selectable 12/24VDC, 12-24VAC ²		Strength 1,500lbf Static 70ft-lb Dynamic
	Warranty 5 Year Limited Warranty		Mode Fail-Secure & Fail-Safe
	Endurance 500,000 Cycles		Latch Monitor Plug-In Latch Monitor Accessory Available
	Fire-Rated Optional 3-Hour Model Available ³		

¹Max at 12VDC

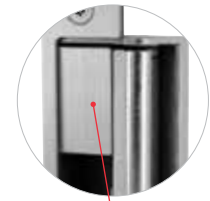
²12-24VAC not available with 2364 model

³Fire-rated (F) model only, 3-hour for single swing, 90-minutes for standard pair of doors

- Versatile strike designed to work with most locks
- Accommodates 1/2" (12.7mm) to 3/4" (19mm) latch projection
- Adjustable deadbolt keeper and deadlatch ramp
- Accommodates up to 1" deadbolt (night-latch function only, bolt will not release)
- Plug-in wire connectors
- Runs cool – solenoid design prevents keeper from heating up
- Trim plate included to cover up irregular frame cut-out
- Stainless steel ensures superior strength and creates a sleek aesthetic
- Includes two keeper shims – 1/16" (1.5mm) and 1/8" (3mm) – for horizontal adjustment for misaligned frames (unique sliding design)
- Non-handed
- Factory tested to over 2-million cycles of operation
- Brushed Stainless Steel (32D) finish
- UL 294 Listed for Access Control Unit Accessory (6th Edition)
- UL 1034 burglary-resistant Listed
- UL 10C, 3-hour fire-rating Listed³
- CAN/ULC S104, 3-hour fire-rating Listed³
- California State Fire Marshal Listed (CSFM: 3776-2275:0502)³
- Certified to ANSI/BHMA standard A156.31, Grade 1, endurance 500,000 cycles
- Patent #: US 9,580,935
- Patent #: Canadian 2,850,072



Saw-Tooth Adjustment Locator¹



Deadbolt Plug

Accessories

Model	Description
F2LM	Latch monitor plug-in kit (2A @ 24VDC)
2FP	Filler plate (for use when replacing discontinued 2 Series models)
F2-19	Centerline faceplate, 1-3/8"W x 9"H (35mm x 229mm), 32D finish
F2-29	Offset faceplate, 1-3/8"W x 9"H (35mm x 229mm), 32D finish
SMT-01	Strike marking template kit
940-LG	High profile latch guard, 32D finish

Options

- F – 3-hour fire-rating Listed

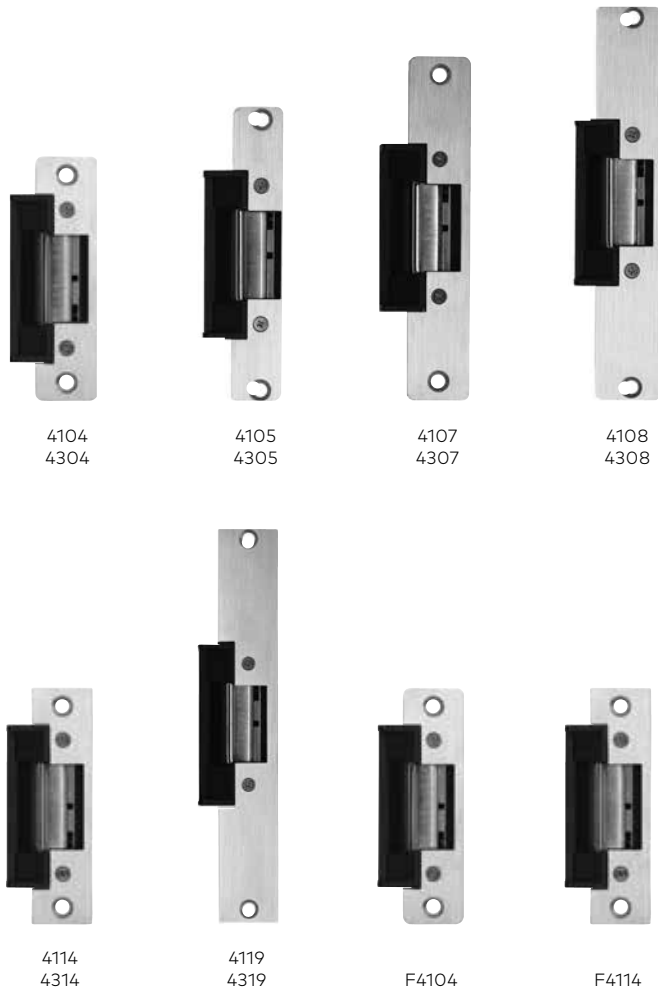
How To Order

Options			
F	-Fire-Rated ⁴		
	2	64	x 32D
		1	-Fail-Secure
		3	-Fail-Safe
			Mode

Example: **F2164 x 32D**







⁴Available in fail-secure mode only.

RCI Electric Strikes



4 Series Centerline Strikes

Accommodates 3/4" (19mm) latch projection. Various faceplate options available to accommodate most frame types. Insert Depth: 1-1/2"D (38mm)

	Energy 200mA ¹ (see How to Order chart below)		Strength 1,500lb Static ² 70ft-lb Dynamic
	Warranty 3 Year Limited Warranty		Mode Fail-Secure & Fail-Safe
	Endurance 500,000 Cycles ³		Fire-Rated Optional 1-1/2-Hour Models Available ⁴

¹At 12VDC
²1,500lb Static for fire-rated models, 1,000lb for non-fire-rated 04 & 14 faceplates, 500lb for 05, 07, 08 & 19 faceplates.
³Fire-rated (F) models only, 250,000 for other models
⁴Fire-rated (F) models only available in fail-secure mode with 04 & 14 faceplates.

- Accommodates 3/4" (19mm) latch projection
- 1-1/2" (38mm) cut-out depth accommodates most door frame material types
- Use with wide range of door thicknesses, 1-3/8" to 2-3/8" (35mm-60mm)
- Standard mounting tabs and fasteners included
- Non-handed
- Trim plate included to cover up irregular frame cutout
- Brushed Stainless Steel (32D) finish
- UL 1034 burglary-resistant Listed
- UL 10C, 1-1/2-hour fire-rating Listed⁴
- CAN/ULC S104, 1-1/2-hour fire-rating Listed⁴
- Certified to ANSI/BHMA standard A156.31, Grade 1, endurance 500,000 cycles³ (F4 models only)

How To Order

Options		Mode		Voltage	
				Fail-Secure	Fail-Safe
Fire-Rated ⁴	F	4	-	11-16VAC-	01
				12VAC/VDC-	05
-	-	-	-	24VAC/VDC-	08
				12VDC-	06
-	-	-	-	24VDC	09
				x 32D	
Fail-Secure	-	1	04	-1-1/4"W x 4-7/8"H (32mm x 124mm), ANSI Radius Corner	
				3	05
-	-	-	-		
				08	-1-7/16"W x 7-15/16"H (37mm x 202mm), Radius Corner
Fail-Safe	-	-	-	14	-1-1/4"W x 4-7/8"H (32mm x 124mm), ANSI Square Corners
				19	-1-3/8"W x 9"H (34mm x 228mm), Square Corners

Example: **F4104-05 x 32D**



Options

- F - 1-1/2-hour fire-rating Listed

Accessories







Model	Description
4/7JIG	Standard profile frame prep jig, aluminum
LEK01	1" lip extension kit for retrofit applications, black finish
LEK02	2" lip extension kit for retrofit applications, black finish
LEK03	3" lip extension kit for retrofit applications, black finish (not available for F4)
SMT-01	Strike marketing template kit, aluminum
TP-47-5PK	Trim plates, 5 pack, black finish
930-LG	Standard profile latch guard, 32D finish

RCI Electric Strikes

6 Series

Centerline Strikes

Two profiles available to accommodate different latch projections. Various faceplate options available to accommodate most frame types. Standard Insert Depth: 1-3/16" D (30mm) Low Profile Insert Depth: 1-1/16" (27mm)

	Energy 375mA ¹ Field-Selectable 12/24VDC, 12-24VAC		Strength 1,500lb Static ² 70ft-lb Dynamic
	Warranty 3 Year Limited Warranty		Mode Field-Selectable Fail-Secure & Fail-Safe
	Endurance 500,000 Cycles ²		Monitoring Optional Latch & Keeper Monitor Models Available

¹At 12VDC
²Grade 1, 04 & 14 faceplates only. Grade 2, 1,000lb static for 05, 07 & 08 faceplates.

- Standard profile accommodates 3/4" (19mm) and Low-profile accommodates 1/2" (12.7mm) or 5/8" (16mm) latch projections
- 1/4" (6.4mm) horizontal adjustment
- Plug-in wire connectors
- Trim plate included to cover up irregular frame cut-out
- Non-handed
- Brushed Stainless Steel (32D)
- Factory tested to over 1-million cycles of operation
- UL 294 Listed for Access Control Unit Accessory (6th Edition)
- UL 1034 burglary-resistant Listed
- Certified to ANSI/BHMA standard A156.31, Grade 1, endurance 500,000 cycles²
- Patent #: US 6,874,830 and 7,144,053
- Patent #: Canadian 2,405,642



Options

- LMKM – Latch and keeper monitor

How To Order

		Options		
Latch And Keeper Monitor-		LMKM		
		65	x	32D
Standard-	S	04		-1-1/4" W x 4-7/8" H (32mm x 124mm), ANSI Radius Corners
Low Profile-	L	05		-1-1/8" W x 5-7/8" H (29mm x 150mm), Radius Corners
		07		-1-1/4" W x 6-7/8" H (32mm x 175mm), Radius Corners
		08		-1-7/16" W x 7-15/16" (37mm x 202mm), Radius Corners
		14		-1-1/4" W x 4-7/8" H (32mm x 124mm), ANSI Square Corners
		U		-Universal, Includes 3 Faceplates (04, 08 & 14)
				Faceplate

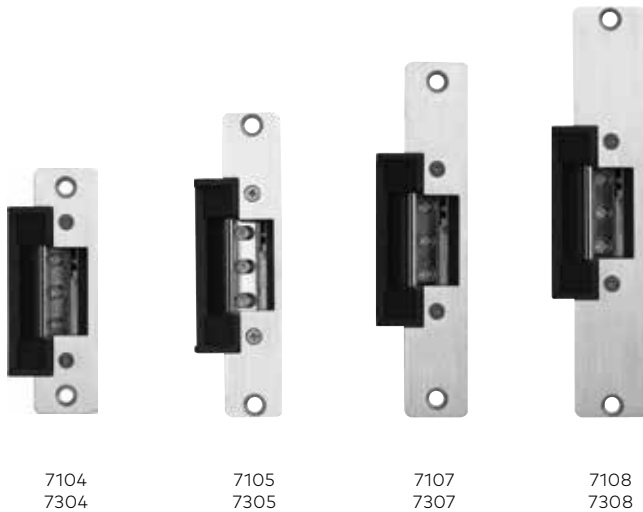
Example: **L6507LMKM x 32D**



Accessories

Model	Description
S6JIG	Standard profile frame prep jig, aluminum (for S6504 and S6514)
L6JIG	Low profile frame prep jig, aluminum (for L6504 and L6514)
LEKS601	1" lip extension kit for retrofit applications, black finish (for Standard profile)
LEKS602	2" lip extension kit for retrofit applications, black finish (for Standard profile)
LEKS603	3" lip extension kit for retrofit applications, black finish (for Standard profile)
LEKL601	1" lip extension kit for retrofit applications, black finish (for Low profile)
LEKL602	2" lip extension kit for retrofit applications, black finish (for Low profile)
LEKL603	3" lip extension kit for retrofit applications, black finish (for Low profile)
S/L6504DD	Lip bracket and radius faceplate for aluminum double doors with flat astragal (for S/L6504)
S/L6507DD	Lip bracket and radius faceplate for aluminum double doors with flat astragal (for S/L6507)
SMT-01	Strike marketing template kit, aluminum
TP-S6-5PK	Trim plates, 5 pack, black finish (for Standard profile)
TP-L6-5PK	Trim plates, 5 pack, black finish (for Low profile)
940-LG	High profile latch guard, 32D finish

RCI Electric Strikes



7104
7304

7105
7305

7107
7307

7108
7308



7114
7314

7119
7319

How To Order

		Voltage		
		11-16VAC-	01	
		12VDC-	05D	
		24VAC-	07	
		24VDC-	08D	
		12VDC-	06	
		24VDC-	09	
		7		x 32D
Fail-Secure-	1	04	-1-1/4"W x 4-7/8"H (32mm x 124mm), ANSI radius corners	
Fail-Safe-	3	05	-1-1/8"W x 5-7/8"H (29mm x 150mm), radius corners	
Mode		07	-1-1/4"W x 6-7/8"H (32mm x 175mm), radius corners	
		08	-1-7/16"W x 7-15/16"H (37mm x 202mm), radius corners	
		14	-1-1/4"W x 4-7/8"H (32mm x 124mm), ANSI square corners	
		19	-1-3/8"W x 9"H (34mm x 229mm), square corners	

Faceplate

Example: **7104-05D x 32D**

7 Series

Centerline Strikes

Accommodates 5/8" (16mm) latch projection. Various faceplate options available to accommodate most frame types. Insert Depth: 1-1/2" D (38mm)

	Energy 280mA ¹ (see How to Order chart below)		Strength 500lbf Static 70ft-lb Dynamic
	Warranty 3 Year Limited Warranty		Mode Fail-Secure & Fail-Safe
	Endurance 250,000 Cycles		

¹At 12VDC
Voltage for fail safe 240mA (73) models: 12VDC (06); 24VDC (09)

- Accommodates 5/8" (16mm) latch projection
- 1/8" (3.2mm) horizontal adjustment
- 1-1/2" (38mm) cut-out depth
- Use with wide range of door thicknesses 1-3/8" to 2-3/8" (35mm-60mm)
- Mounting tabs, fasteners and trim plate included
- Non-handed
- Trim plate included to cover up irregular frame cutout
- Brushed Stainless Steel (32D) finish
- UL 1034 burglary-resistant Listed



Accessories





Model	Description
4/7JIG	Standard profile frame prep jig, aluminum
LEK01	1" lip extension kit for retrofit applications, black finish
LEK02	2" lip extension kit for retrofit applications, black finish
LEK03	3" lip extension kit for retrofit applications, black finish
SMT-01	Strike marketing template kit, aluminum
TP-47-5PK	Trim plates, 5 pack, black finish
930-LG	Standard profile latch guard, 32D finish

RCI Electric Strikes



12C Compact Strike

A versatile strike suitable for all types of door frames.
1-13/16"W x 2-3/4"H x 1-1/8"D (46mm x 70mm x 28mm)

	Energy 90mA 12VDC		Strength ¹ 1,100lbf Static 44ft-lb Dynamic
	Warranty 1 Year Limited Warranty		Mode Fail-Secure

¹Internal testing

- Quick and easy to install
- Ideal for wooden, steel & aluminum frames
- Non-handed
- Versatile, compact design
- Replaces standard, non-electrified T-strikes
- Maintains integrity and strength of the door frame
- Brushed Chrome (26D)


How To Order

12C x 26D



VR165 Vertical Rod Strike

Accommodates 5/8" (16mm) roller latch. Designed for use with vertical rod exit devices with roller latch.

	Energy 450mA ¹ Field-Selectable 12/24VDC & 12-24VAC		Strength 1,500lbf Static 70 Dynamic ft-lb
	Warranty 5 Year Limited Warranty		Mode Fail-Secure
	Endurance 250,000 Cycles		

¹Max at 12VDC

- Accommodates 5/8" (16mm) roller latch
- Heavy-duty, surface mounted strike
- High grade stainless steel ensures superior keeper strength
- Ensure proper latch alignment – up to 1/4" (6.4mm) adjustment to compensate for door and frame misalignments
- Door stop adjustment for different rail thicknesses
- Horizontal solenoid prevents manipulation from vibration
- Conventional keeper design (one moving part) - promotes even load distribution
- Lockdown tabs for secure mount
- Non-handed
- HEX socket head cap screws for added support and tamper-resistance
- Plug-in wire connector
- Installation tool included (HEX key)
- Brushed Stainless Steel (32D) finish
- UL 1034 burglary-resistant Listed
- UL 294 Listed for access Control Unit Accessory (6th Edition)
- Patent #: US 7,722,097
- Patent #: Canadian 2,597,916

How To Order

VR165 x 32D

Example: **VR165 x 32D**









RCI Electric Strikes



VR166 Vertical Rod Strike

Surface mounted vertical rod strike for Pullman latch.

Simple locking solution for surface vertical rod exit devices having a Pullman style latch.

	Energy 210mA Field-Selectable 12/24VDC, 12-24VAC		Strength 1,500lb Static 70ft-lb Dynamic
	Warranty 5 Year Limited Warranty		Mode Fail-Secure
	Endurance 250,000 Cycles		Monitoring Latch Monitor & Keeper Monitor Accessory Available

¹Max at 12VDC

- A small footprint vertical rod strike to be used in single or double-door applications.
- This simple design requires a 63 mm x 33 mm cut-out in the frame.
- Total footprint of the strike does not exceed 104 mm x 50 mm x 16 mm.
- Horizontal adjustability of 8 mm for frame and door variations.
- Solenoid activated.
- Designed and suited to a minimum 52 mm (2-1/16") backset of the top latch.
- UL294 Listed for Access Control Unit Accessory (6th Edition).
- UL1034 burglary-resistant Listed.

How To Order

VR166	x	32D
	x	LMKM

Example: **VR166 x 32D**



RCI Electric Strikes



4 Series

Modular Strike Inserts

Includes Lip Bracket & Hardware Pack

How To Order

		Voltage		
Fail-Secure		11-16VAC-	01	
		12VAC/VDC-	05	
		24VAC/VDC-	08	
Fail-Safe		12VDC-	06	
		24VDC-	09	
A	4	-		
		1	-Fail-Secure	
		3	-Fail-Safe	
		Mode		
Example: A41-05				



6 Series

Modular Strike Inserts

Includes Lip Bracket & Hardware Pack

How To Order

		Options		
A		LMKM	-Latch And Keeper Monitor	
		65		
	S	-Standard		
	L	-Low Profile		
		Profile		
Example: AL65LMKM				



7 Series

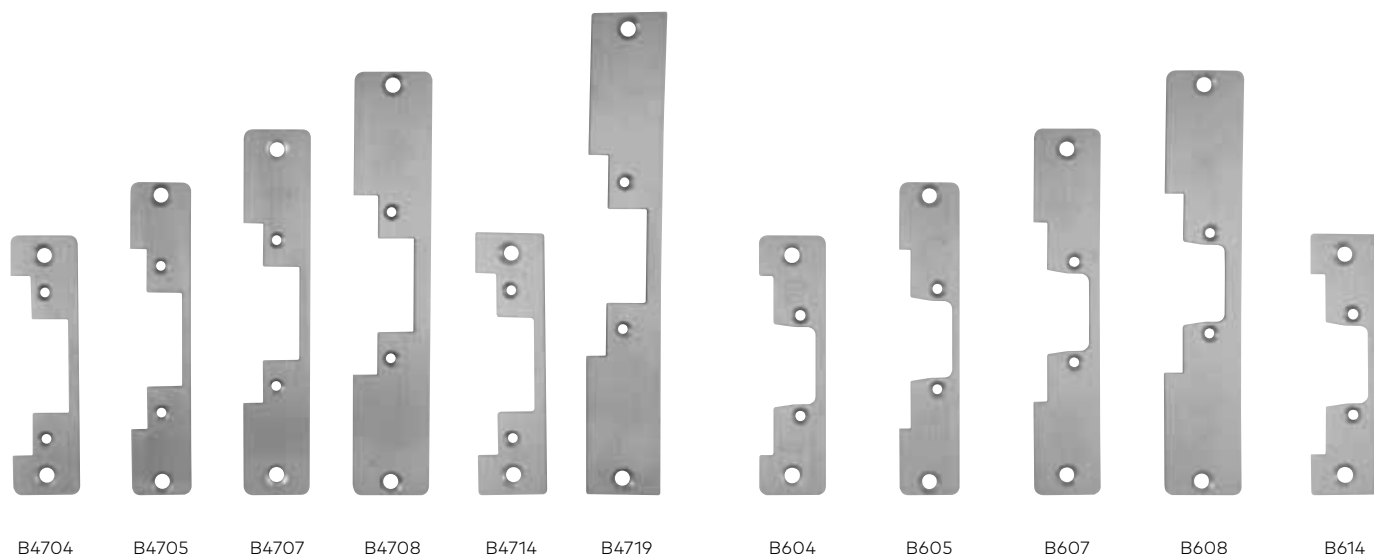
Modular Strike Inserts

Includes Lip Bracket & Hardware Pack

How To Order

		Voltage		
Fail-Secure		11-16VAC-	01	
		12VDG-	05D	
		24VAC-	07	
Fail-Safe		24VDC-	08D	
		12VDC-	06	
		24VDC-	09	
A	7	-		
		1	-Fail-Secure	
		3	-Fail-Safe	
		Mode		
Example: A71-05D				

RCI Electric Strikes



4/7 Series Modular Strike Faceplates

6 Series Modular Strike Faceplates

How To Order

		Series
	6	-6 Series
	47	-4 & 7 Series
B		- 32D
	04	-1-1/4"W x 4-7/8"H (32mm x 124mm), ANSI Radius Corner
	05	-1-1/8"W x 5-7/8"H (29mm x 150mm), Radius Corners
	07	-1-1/4"W x 6-7/8"H (32mm x 175mm), Radius Corners
	08	-1-7/16"W x 7-15/16"(37mm x 202mm), Radius Corners
	14	-1-1/4"W x 4-7/8"H (32mm x 124mm), ANSI Square Corners
	19	-1-3/8"W x 9"H (34mm x 229mm), Square Corners ¹

Faceplate

Example: **B4707-32D**

¹Only available with 4 & 7 series

RCI Electric Strikes Accessories



Double Door Housing

Ideal for double door applications with no center mullion. Door housing is mounted on the inactive door

Model	Description	Finish	Compatible with
0161DDH	Double door housing for 0161	SPC ¹	0161
0162DDH	Double door housing for 0162, 0163	SPC ¹	0162, 0163
0162DDHS	Double door housing for 0563	SPC ¹	0563

¹SPC = Silver Powder Coat



Latch Guards

Added tamper-resistance for perimeter doors. Helps guard the latch from a prying attack. Designed with radius cut for easy installation around lockset roses.

Model	Description	Finish	Compatible with
930-LG	Standard profile latch guard	32D	4/7 Series
940-LG	High profile latch guard	32D	F2/6/F1 Series



Frame Prep Jigs

Aids in cutting of aluminum or metal frames, improving accuracy.

Model	Description	Finish	Compatible with
4/7JIG	Frame prep jig for ANSI-sized electric strike	Aluminum	4104/4304, 4114/4314, 7104/7304, 7114/7314
S6JIG	Standard profile frame prep jig	Aluminum	S6504, S6514
L6JIG	Low profile frame prep jig	Aluminum	L6504, L6514



Lip Bracket Extension

Ideal for center-hung doors. Allows electric strike to be installed in frame and protects frame from damage.

Model	Description / Dimensions	Finish	Compatible with
LEK01	1" Lip extension kit for retrofit	Black	4/7 Series
LEK02	2" Lip extension kit for retrofit	Black	4/7 Series
LEK03	3" Lip extension kit for retrofit	Black	4/7 Series
LEKS601	1" Lip extension kit for retrofit (standard)	Black	S6 Series
LEKS602	2" Lip extension kit for retrofit (standard)	Black	S6 Series
LEKS603	3" Lip extension kit for retrofit (standard)	Black	S6 Series
LEKL601	1" Lip extension kit for retrofit (low profile)	Black	L6 Series
LEKL602	2" Lip extension kit for retrofit (low profile)	Black	L6 Series
LEKL603	3" Lip extension kit for retrofit (low profile)	Black	L6 Series



Ice Pack

Heat reducer for continuous duty electric strikes. Operating voltage – 12 to 30VDC.

Model	Description / Dimensions	Compatible with
ICEPK	Heat reducer for continuous duty electric strikes	0/F1/2/4/6/7 Series



Mounting Spacer Kits

Ideal for increasing latch depth.

Model	Description	Compatible with
0162MSK	1/16" mounting spacer for additional latch engagement	0162



Security Hardware Packs

Model	Description	Compatible with
2SERIESHWK	Includes screws, bit, mounting tabs, allen key, shims, conector, deadbolt bracket and plug.	2 Series

RCI Electric Strikes Accessories



Strike Marking Template Kit

Ideal for accurately guiding prepping of the frame for the installation.

Model	Description	Finish	Compatible with
SMT-01	Strike Marking Template Kit	Aluminum	F2/4/6/7 Series



2 Series Plug-In Latch Monitor

Latch monitor plug-in kit (2A @ 24VDC).

Model	Description	Compatible with
F2LM	Plug-in latch monitor kit (2A @ 24VDC). Improved design to accommodate 1/2" - 3/4" latch throw	F2164



Trim Plates

Ideal for concealing any imperfections caused while prepping the frame cut out.

Model	Description	Finish	Compatible with
TP-47-5PK	Trim Plate - 5 Pack	Black	4/7 Series
TP-L6-5PK	Low profile Trim Plate - 5 Pack	Black	L6 Series
TP-S6-5PK	Standard profile Trim Plate - 5 Pack	Black	S6 Series



2 Series Filler Plate

Filler plate (for use when replacing discontinued 2 Series models).

Model	Description	Compatible with
2FP	Filler plate for use when replacing discontinued 2 Series models	F2164/2364











6 Series Lip Bracket & Aluminum Faceplates

Model	Description	Compatible with
S6504DD	Lip bracket and aluminum faceplate for double doors with astragal (for S6504)	S6504
L6504DD	Lip bracket and aluminum faceplate for double doors with astragal (for L6504)	L6504
S6507DD	Lip bracket and aluminum faceplate for double doors with astragal (for S6507)	S6507
L6507DD	Lip bracket and aluminum faceplate for double doors with astragal (for L6507)	L6507

RCI Electric Strikes

Frame & Lock Type Reference Guide

		Frame Type			Lock Type				
									
		Wood	Aluminum	Hollow Metal	Mortise Exit Device	Pullman Latch	Centerline Cylindrical	Offset Mortise	Narrowline Aluminum
0 Series Rim Strikes	O161	•	•	•	-	•	-	-	-
	O162	•	•	•	-	•	-	-	-
	F0162	•	•	•	-	•	-	-	-
	O163	•	•	•	-	•	-	-	-
F1 Series Fire-Rated Centerline Strikes	F1114	-	•	•	-	-	•	-	-
	F1119	•	•	•	-	-	•	-	-
2 Series All-In-One Strikes	F2164/2364	•	-	•	•	-	•	•	-
	4104/4304	-	•	-	-	-	•	-	-
4 Series Centerline Strikes	4105/4305	•	•	•	-	-	•	-	-
	4107/4307	•	•	•	-	-	•	-	-
	4108/4308	•	•	•	-	-	•	-	-
	4114/4314	-	-	•	-	-	•	-	-
	4119/4319	•	•	•	-	-	•	-	-
	F4104	-	•	-	-	-	•	-	-
	F4114	-	-	•	-	-	•	-	-
	S6504	-	•	-	-	-	•	-	-
6 Series Centerline Strikes	L6504	-	•	-	-	-	•	-	•
	S6505	•	•	•	-	-	•	-	-
	L6505	•	•	•	-	-	•	-	•
	S6507	•	•	•	-	-	•	-	-
	L6507	•	•	•	-	-	•	-	•
	S6508	•	•	•	-	-	•	-	-
	L6508	•	•	•	-	-	•	-	•
	S6514	-	-	•	-	-	•	-	-
	L6514	-	-	•	-	-	•	-	•
	S65U	•	•	•	-	-	•	-	-
L65U	•	•	•	-	-	•	-	•	
7 Series Centerline Strikes	7104/7304	-	•	-	-	-	•	-	•
	7105/7305	•	•	•	-	-	•	-	•
	7107/7307	•	•	•	-	-	•	-	•
	7108/7308	•	•	•	-	-	•	-	•
	7114/7314	-	-	•	-	-	•	-	•
	7119/7319	•	•	•	-	-	•	-	•
Compact Strikes	12C	•	-	•	-	-	•	-	-

Keypads & Readers



RCI Keypads & Readers

Using RFID technology, RCI readers interface with a wide range of electronic access control systems by complying with the Wiegand communication protocol.

	Interface 26-Bit, Wiegand Output, HID® & AWID® Supported		Environment Rugged, Weather- Resistant Design		Warranty Lifetime Limited Warranty		Access Control Listed To UL 294
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- Electronics are sealed in tamper and weather-resistant epoxy potting
- Includes black & beige snap-on covers

- Convenient plug-in wiring terminals
- Certifications: UL294 Listed for Access Control Unit Accessory, FCC, ISED, CE, ETL



5355R 125kHz Proximity Reader & Keypad Combo

Ideal for dual authentication or simple access via PIN or credential applications. 3"W x 4-5/8"H x 3/4"D (76mm x 117mm x 19mm)

5395R 125kHz Proximity Reader

Compact design ideal for single gang wall-box applications. 3"W x 4-5/8"H x 3/8"D (76mm x 117mm x 10mm)

6005R 125kHz Mullion Proximity Reader

Slim design ideal for areas with minimal surface space to mount. 1-11/16"W x 3-3/16"H x 11/16"D (43mm x 80mm x 17mm)

	Energy 110mA ¹ , +5 – 16VDC
	Frequency & Range 125kHz, Up to 5" (127mm) ²

How To Order

5355R

	Energy 110mA ¹ , +5 – 16VDC
	Frequency & Range 125kHz, Up to 6-1/2" (165mm) ²

How To Order

5395R

	Energy 110mA ¹ , +5 – 16VDC
	Frequency & Range 125kHz, Up to 5" (127mm) ²

How To Order

6005R

¹Max at 12VDC

²Using 1326R Proximity Card (Clamshell) with 12VDC at the reader

RCI Keypads & Readers



1326R 125kHz Proximity Clamshell Card

Passive proximity cards and fobs for physical access control.
2-3/16"W x 3-3/8"H x 1/16"D
(56mm x 86mm x 1.5mm)



Interface
26-Bit, Wiegand,
HID® & AWID®
Supported



Frequency & Range
125kHz
Up to 6-1/2" (165mm)¹

- Up to 5-1/2" (140mm) read range
- Made of ABS
- Off-white finish
- Lifetime limited warranty

¹Using 5395R Proximity Reader at 12VDC



1386R 125kHz Proximity Printable Card

Passive proximity cards and fobs for physical access control.
2-1/16"W x 3-3/8"H x 1/32"D
(53mm x 86mm x 0.79mm)



Interface
26-Bit, Wiegand,
HID® & AWID®
Supported



Frequency & Range
125kHz
Up to 6-1/2" (165mm)¹

- Up to 5" (127mm) read range
- Made of PVC
- Glossy white finish
- 1 year limited warranty

¹Using 5395R Proximity Reader at 12VDC



1314R 125kHz Proximity Thick Printable Card

Passive proximity cards and fobs for physical access control.
2-1/16"W x 3-3/8"H x 1/16"D
(53mm x 86mm x 1.17mm)



Interface
26-Bit, Wiegand,
HID® & AWID®
Supported



Frequency & Range
125kHz
Up to 6-1/2" (165mm)¹

- Up to 6-1/2" (165mm) read range
- Made of PVC
- Glossy white finish
- Lifetime limited warranty

¹Using 5395R Proximity Reader at 12VDC



1346R 125kHz Proximity Fob

Passive proximity cards and fobs for physical access control.
1-1/2"W x 1-3/16"H x 1/8"D
(38mm x 30mm x 3.8mm)



Interface
26-Bit, Wiegand,
HID® & AWID®
Supported



Frequency & Range
125kHz
Up to 6-1/2" (165mm)¹

- Up to 4-1/2" (114mm) read range
- Made of ABS
- Gray finish
- Lifetime limited warranty

¹Using 5395R Proximity Reader at 12VDC

How To Order

Card Type				Quantity	
26	-Clamshell	10	-10 Pack		
86	-Printable	25	-25 Pack		
14	-Thick Printable	50	-50 Pack		
46	-Fob				
13					

H - Certain HID®
A - Certain AWID®

Supported Data Protocol¹







¹RCI protocol standard, must specify HID® or AWID® if required

RCI Keypads & Readers



9212i Keypad

Single door standalone access control solution for single gang flush mount applications.
For interior use.
2-3/4"W x 4-1/2"H x 1-1/4"D (70mm x 114mm x 32mm)

 Energy 45mA ¹ Field-Selectable 12-24VAC/VDC	 Environment Rugged, Weather-Resistant Model Available
 Warranty 2 Year Limited Warranty	 Mode Field-Selectable Fail-Safe & Fail-Secure
 Interface EEPROM Memory	 Users Supports Up To 120 Users

- Four independent outputs (assignable by code) and timers
- All outputs programmable for latched or timed operation
- Supports up to 120 users
- EEPROM memory ensures programming remains intact when unit is not powered
- Single gang flush-mount design
- Secure access codes (4-8 digits)
- Silent mode (audible annunciation of key presses can be disabled)
- Electronics mounted on back of keypad
- Input trigger for request-to exit or other open circuit contact
- Three LED's to indicate status and provide user with visual PIN entry confirmation
- Red/Green LED's indicates relay status
- Stainless steel faceplate







How To Order

		Type
	i	-Interior
	iLW	-Interior or Exterior Illuminated
9212		



9212iLW Illuminated Keypad

Single door standalone access control solution for single gang flush mount applications.
For interior or exterior use.
3-3/8"W x 5-1/8"H x 5/8"D (86mm x 130mm x 16mm)

 Energy 198mA ¹ Auto-Sensing 12-24VAC/VDC	 Environment Rugged, Weather-Resistant Model Available
 Warranty 2 Year Limited Warranty	 Mode Field-Selectable Fail-Safe & Fail-Secure
 Interface EEPROM Memory	 Users Supports Up To 120 Users

- Backlit, hardened keys
- Heavy chrome plated trim ring
- Key press feedback via sounder and yellow LED
- Built-in assignable sounder
- Programmable lockout• Supports up to 120 users
- EEPROM memory ensures programming remains intact when unit is not powered
- Single gang flush-mount design
- Secure access codes (4-8 digits)
- Silent mode (audible annunciation of key presses can be disabled)
- Electronics mounted on back of keypad
- Input trigger for request-to exit or other open circuit contact
- Three LED's to indicate status and provide user with visual PIN entry confirmation
- Red/Green LED's indicates relay status
- Stainless steel faceplate

RCI Keypads & Reader



9320 Easy Read-Prox® Slimline Reader Reader + Stand Alone

One self-contained unit, single-door stand alone access control solution for surface or mullion mount. For interior or exterior use.

1-1/2"W x 3-1/16"H x 1/2"D (38mm x 78mm x 12.7mm)



9321 Easy Read-Prox® Slimline Reader Reader + Controller

Two separate components, single-door standalone access control solution for surface or mullion mount for interior or exterior use.

1-1/2"W x 3-1/16"H x 1/2"D (38mm x 78mm x 12.7mm)

 Energy 1,000mA ¹ 12VDC	 Environment Rugged, Weather-Resistant Design	 Warranty 2 Year Limited Warranty	 Read Range Up To 2-3/8" (60mm) ²
 Mode Field-Selectable Fail-Safe & Fail-Secure	 Users Supports Up To 10,000 Users		

¹Max

²Using 932-10CP Card, 1-9/16" (40mm) using 932-10KP Fob

- Easy to install
- Supports up to 10,000 users
- Aesthetically pleasing surface or mullion mount design
- Access validation – Silent3/Audible/Visual
- Deny access without retrieving user's card or fob
- No separate programmer required
- Input trigger for request-to exit or other open circuit contact
- Includes black snap-on cover
- Proximity cards and fobs are available in packs of 10 (sold separately)

How To Order

Type	
0	-Reader + Controller (One Self-Contained Unit)
1	-Reader + Controller (Two Separate Components)
1SPB	-Reader Only (No Control Board)

932

Accessories

Model	Description
932-10CP	Encoded card starter pack, 10 pack, includes wallet and programming cards
932-10KP	Encoded fob starter pack, 10 pack, includes wallet and programming cards

³Does not apply to 9321.

RCI Keypads & Readers









9322 Easy Read-Prox® Micro Reader Reader + Stand Alone

One self-contained unit, single door standalone access control solution for flush mount applications for interior or exterior use. 1-3/16" W x 1-7/8" H x 5/16" D (29.5mm x 48mm x 8.5mm)

9323 Easy Read-Prox® Micro Readers Reader + Controller

Two separate components, single door standalone access control solution for flush mount applications for interior or exterior use. 1-3/16" W x 1-7/8" H x 5/16" D (29.5mm x 48mm x 8.5mm)

 Energy 1,000mA ¹ 12VDC	 Environment Rugged, Weather- Resistant Design	 Warranty 2 Year Limited Warranty	 Read Range Up To 2-3/8" (60mm) ²
 Mode Field-Selectable Fail-Safe & Fail-Secure	 Users Supports Up To 10,000 Users		

¹Max
²Using 932-10CP Card, 1-9/16" (40mm) using 932-10KP Fob

- Easy to install
- Supports up to 10,000 users
- Aesthetically pleasing flush mount design
- Access validation – Silent3/Audible
- Deny access without retrieving user's card or fob
- No separate programmer required
- Input trigger for request-to exit or other open circuit contact
- Includes black snap-on cover
- Proximity cards and fobs are available in packs of 10 (sold separately)

How To Order

Type	
2	-Reader + Controller (One Self-Contained Unit)
3	-Reader + Controller (Two Separate Components)
3MP	-Reader Only (No Control Board)
932	

Accessories

Model	Description
932-10CP	Encoded card starter pack, 10 pack, includes wallet and programming cards
932-10KP	Encoded fob starter pack, 10 pack, includes wallet and programming cards

³9322 only. Does not apply to 9323.

Switches



RCI Switches



906 Handicap Pushbutton

2-3/4"W x 4-1/2"H (70mm x 114mm)

2 Year Warranty
2 Year Limited Warranty

- Blue, 1-3/4" (44mm) diameter button
- Available with handicap symbol screen printed or blank
- Quickly mounts to single gang surface or recessed electrical box
- Hardware kit includes stainless steel tamper-proof screws and spanner bit
- Momentary (2-SPST), maintained (2-SPST) or time-delay (DPDT) switches available
- Brushed Stainless Steel (32D) faceplate
- See accessories at end of this section

How To Order

		Type			
	BH	-	-Handicap Symbol		
	B	-	-Blank		
906	-	-		x	32D
	Momentary		MO		
	Maintained		MA		
	Time-Delay		TD		
	Switch Mode				



908 Exit Pushbutton

2-3/4"W x 4-1/2"H (70mm x 114mm)

2 Year Warranty
2 Year Limited Warranty

- Red, black or green, 1-9/16" (40mm) diameter button
- Available with engraved "EXIT" (English, French or Spanish) or blank
- Quickly mounts to single gang surface or recessed electrical box
- Hardware kit includes stainless steel tamper-proof screws and spanner bit
- Momentary (2-SPST), maintained (2-SPST) or time-delay (DPDT) switches available
- Brushed Stainless Steel (32D) faceplate
- See accessories at end of this section

How To Order

		Type			
	Red ¹	R	E -"EXIT", English		
	Green	G	F -"EXIT", French		
	Black	B	S -"EXIT", Spanish		
		B	-Blank		
908	-	-		x	32D
	Momentary		MO		
	Maintained		MA		
	Time-Delay		TD		
	Switch Mode				

¹Standard

RCI Switches



916 Tamper-Resistant Handicap Pushbutton

Standard: 3"W x 4-3/4"H (76mm x 121mm)
Narrow: 1-5/8"W x 4-3/4"H (45mm x 121mm)

2 Year Warranty
2 Year Limited Warranty

- Blue, 1-3/4" (44mm) diameter button
- Available with handicap symbol screen printed or blank
- Quickly mounts to single gang box (Standard) or narrow-stile door frames (Narrow)
- Extruded aluminum 1/4" (6.4mm) plate with beveled edges for tamper-resistance and durability
- Hardware kit includes stainless steel tamper-proof screws and spanner bit
- Momentary (2-SPST), maintained (2-SPST) or time-delay (DPDT) switches available
- Faceplate available in Brushed Anodized Aluminum (28) or Brushed Anodized, Dark Bronze (40)
- See accessories at end of this section

How To Order

		Type	Switch Mode	
Handicap Symbol	916	BH	MO	-Momentary
		BH	MA	-Maintained
		BH	TD	-Time-Delay
Blank	916	B		
		B		
Narrow	N			
Options	N			
		Faceplate Finish		

¹Standard



918 Tamper-Resistant Exit Pushbutton

Standard: 3"W x 4-3/4"H (76mm x 121mm)
Narrow: 1-5/8"W x 4-3/4"H (45mm x 121mm)

2 Year Warranty
2 Year Limited Warranty

- Red or green, 1-9/16" (40mm) diameter button
- Available with engraved "EXIT" (English, French or Spanish) or blank
- Quickly mounts to single gang box (Standard) or narrow-stile door frames (Narrow)
- Extruded aluminum 1/4" (6.4mm) plate with beveled edges for tamper-resistance and durability
- Hardware kit includes stainless steel tamper-proof screws and spanner bit
- Momentary (2-SPST), maintained (2-SPST) or time-delay (DPDT) switches available
- Faceplate available in Brushed Anodized Aluminum (28) or Brushed Anodized Dark Bronze (40)
- See accessories at end of this section

How To Order

		Type	Switch Mode	
Red	918	R	MO	-Momentary
		R	MA	-Maintained
		R	TD	-Time-Delay
Green	918	G		
		G		
Narrow	N			
Options	N			
		Faceplate Finish		

¹Standard

RCI Switches



990 Oversized Tamper-Resistant Handicap Pushbutton

3"W x 4-3/4"H (76mm x 121mm)

2 Year Warranty
2 Year Limited Warranty

- Blue, 2-3/8" (60mm) diameter button
- Available with handicap label or blank
- Quickly mounts to single gang surface or recessed electrical box or narrow-stile door frames (Narrow)
- Extruded aluminum 1/4" plate with beveled edges for tamper-resistance and durability
- Hardware kit includes stainless steel tamper-proof screws and spanner bit
- Momentary (2-SPST), maintained (2-SPST) or time-delay (DPDT) switches available
- Faceplate available in Brushed Anodized Aluminum (28) or Brushed Anodized, Dark Bronze (40) finish
- See accessories at end of this section

How To Order

		Type	Switch Mode		
Handicap Symbol		BH	MO	-Momentary	
Blank		B	MA	-Maintained	
			TD	-Time-Delay	
990	-	-	-	x	
Narrow	N				Brushed Anodized Aluminum ¹ 28
					Brushed Anodized Dark Bronze 40
Options					
Faceplate Finish					

¹Standard



990 Oversized Tamper-Resistant Exit Pushbutton

3"W x 4-3/4"H (76mm x 121mm)

2 Year Warranty
2 Year Limited Warranty

- Red or green, 2-3/8" (60mm) diameter button
- Available with "EXIT" and "EMERGENCY" label (English, French or Spanish) or blank
- Quickly mounts to single gang surface or recessed electrical box
- Extruded aluminum 1/4" plate with beveled edges for tamper-resistance and durability
- Hardware kit includes stainless steel tamper-proof screws and spanner bit
- Momentary (2-SPST), maintained (2-SPST) or time-delay (DPDT) switches available
- Faceplate available in Brushed Anodized Aluminum (28) or Brushed Anodized, Dark Bronze (40) finish
- See accessories at end of this section

How To Order

		Color	Switch Mode		
Red		R	MO	-Momentary	
Green		G	MA	-Maintained	
			TD	-Time-Delay	
990	-	-	-	x	
Narrow	N	English	E		Brushed Anodized Aluminum ¹ 28
		French	F		Brushed Anodized Dark Bronze 40
		Spanish	S		
		Blank	B		
Options					
Faceplate Finish					
Type					

¹Standard

RCI Switches



991 Pneumatic Time Delay Handicap Pushbutton

Standard: 2-3/4"W x 4-1/2"H (70mm x 114mm)
 Narrow: 1-3/4"W x 4-1/2"H (41mm x 114mm)

2 Year Warranty
 2 Year Limited Warranty

- Blue, 1-5/8" (41mm) diameter button with engraved handicap symbol
- Tamper-resistant, cannot be burned or pried off
- Quickly mounts to single gang box (Standard) or narrow-stile door frames (Narrow)
- UL 508 recognized microswitch
- 1-45 seconds adjustable time delay
- Made in the USA
- Brushed Stainless Steel (32D) faceplate
- Listed to CSA C22.2 NO. 14-10
- See page 61 for accessories

How To Order

							Options		
							N	-Narrow	
991		H	-	PTD	x	32D			
							B	- Blank	



991 Pneumatic Time Delay Exit Pushbutton

Standard: 2-3/4"W x 4-1/2"H (70mm x 114mm)
 Narrow: 1-3/4"W x 4-1/2"H (41mm x 114mm)

2 Year Warranty
 2 Year Limited Warranty

- Red, 1-5/8" (41mm) diameter button with engraved "PUSH TO EXIT"
- Tamper-resistant, cannot be burned or pried off
- Quickly mounts to single gang box (Standard) or narrow-stile door frames (Narrow)
- UL 508 recognized microswitch
- 0-45 seconds adjustable time delay
- Made in the USA
- Brushed Stainless Steel (32D) faceplate
- Listed to CSA C22.2 NO. 14-10
- See page 61 for accessories

How To Order

							Options		
							N	-Narrow	
991			-	PTD	x	32D			
							E	-Push to Exit	
							B	-Blank	
							Type		

RCI Switches



919 Rotary Release Pushbutton

3"W x 4-1/2"H (76mm x 114mm)

2 Year Warranty
2 Year Limited Warranty

- Red, 1-3/4" (44mm) diameter button
- Quickly mounts to single gang surface or recessed electrical box
- Push the button once to engage; twist cap in direction of arrows to release
- Designed to prevent users from inadvertently re-engaging the lock
- Latching momentary action
- Button must be manually turned to reset
- Hardware kit includes stainless steel tamper-proof screws and spanner bit
- Maintained (2-SPST) switch operation
- Faceplate available in Brushed Anodized Aluminum (28) or Brushed Anodized, Dark Bronze (40) finish
- See accessories at end of this section

How To Order

Faceplate Finish

Brushed Anodized – Aluminum ¹	28
Brushed Anodized – Dark Bronze	40

919 - MA x

¹Standard



920 Emergency Release Keyswitch/ Pushbutton

2-3/4"W x 4-1/2"H (70mm x 114mm)

2 Year Warranty
2 Year Limited Warranty

- Red, 1-9/16" (40mm) diameter button
- Quickly mounts to single gang surface or recessed electrical box
- Push the button once to engage; key required to reset
- Designed to prevent users from inadvertently re-engaging the lock
- Hardware kit includes stainless steel tamper-proof screws and spanner bit
- Maintained (2-SPST) switch operation
- Brushed Stainless Steel (32D) faceplate
- See accessories at end of this section

How To Order

920 - MA x 32D

RCI Switches



970 Illuminated Exit Pushbutton

Standard: 3" W x 4-3/4" H (76mm x 121mm)
 Narrow: 1-5/8" W x 4-3/4" H (41mm x 121mm)

2 Year Warranty
 2 Year Limited Warranty

- Illuminated pushbutton
- Quickly mounts to single gang box (Standard) or narrow-stile door frames (Narrow)
- Extruded aluminum 1/4" (6mm) plate with beveled edges for tamper-resistance and durability
- Hardware kit includes stainless steel tamper-proof screws and spanner bit
- Momentary (2-SPST or 4-SPST), maintained (2-SPST or 4-SPST) or time-delay (DPDT) switches available
- 12 and 24VAC/VDC options available
- Optional audible alert add-on
- Blue (standard), yellow, green, red lens options
- Faceplate available in Brushed Anodized Aluminum (28) or Brushed Anodized, Dark Bronze (40) finish
- See accessories at end of this section

How To Order

Lens		Faceplate Finish	
Blue ¹	B	Brushed Anodized Aluminum ¹	28
Yellow	Y	Brushed Anodized Dark Bronze	40
Green	G	Options	
Red	R	Audible Alert	A
970	-	-	-
Narrow	N	Momentary	MO
Options		Maintained	MA
		2x Momentary	DMO
		2x Maintained	DMA
		Time-Delay	TD
		Switch Mode	
		12VDC	05
		24VDC	08
		Voltage	

¹Standard



975 Illuminated Exit Pushbutton

Standard: 3" W x 4-3/4" H (76mm x 121mm)
 Narrow: 1-5/8" W x 4-3/4" H (41mm x 121mm)

2 Year Warranty
 2 Year Limited Warranty

- 1" (25mm) square illuminated LED pushbutton, green lens
- Quickly mounts to single gang box (Standard) or narrow-stile door frames (Narrow)
- Extruded aluminum 1/4" (6mm) plate with beveled edges for tamper-resistance and durability
- Hardware kit includes stainless steel tamper-proof screws and spanner bit
- 12 and 24VAC/VDC options available
- Faceplate available in Brushed Anodized Aluminum (28) or Brushed Anodized, Dark Bronze (40) finish
- Momentary (2-SPST) or time-delay (DPDT) switches available
- See accessories at end of this section

How To Order

Switch Mode		Voltage	
Momentary	MO	05	-12VAC/ VDC
Time-Delay	TD	08	-24VAC/ VDC
975	-	-	x
Narrow	N	Brushed Anodized Aluminum ¹	28
Options		Brushed Anodized Dark Bronze	40
		Faceplate Finish	

¹Standard

RCI Switches



980 Economy Pushbutton

2-3/4"W x 4-1/2"H (70mm x 115mm)

2 Year Warranty
2 Year Limited Warranty

- Quickly mounts to single gang box
- Hardware kit includes stainless steel tamper-proof screws and spanner bit
- Momentary (SPST), maintained (SPST) or time-delay (DPDT) switches available
- White cap with black trim
- Brushed Stainless Steel (32D) faceplate
- See accessories at end of this section

How To Order

		Switch Mode	
		MO	-Momentary
		MA	-Maintained
		TD	-Time-Delay
980	-		x 32D



903 Audible Alert

3"W x 4-3/4"H (76mm x 121mm)

2 Year Warranty
2 Year Limited Warranty

- For remote or local monitoring
- Quickly mounts to single gang box (Standard) or narrow stile door frames (Narrow)
- Extruded aluminum 1/4" (6mm) plate with beveled edges for tamper-resistance and durability
- Hardware kit includes stainless steel tamper-proof screws and spanner bit
- Push-on wire connectors included
- Field-selectable continuous or intermittent tone (80-96dB)
- 30mA, 10-26VDC
- Available in Brushed Anodized Aluminum (28) or Brushed Anodized Dark, Bronze (40) finish
- See accessories at end of this section

How To Order

		Options	
		N	-Narrow stile
903	-		x
		Brushed Anodized Aluminum ¹	28
		Brushed Anodized Dark Bronze	40

Faceplate Finish

¹Standard

RCI Switches



960 Tamper-Resistant Keyswitch

Standard: 3" W x 4-3/4" H (76mm x 121mm)
 Narrow: 1-5/8" W x 4-3/4" H (41mm x 121mm)
 Key cylinder sold separately.

2 Year Warranty
 2 Year Limited Warranty

- Quickly mounts to single gang box (Standard) or narrow-stile door frames (Narrow)
- Extruded aluminum 1/4" plate with beveled edges for tamper-resistance and durability
- One-piece bracket with two-position switch holder
- Compatible with standard mortise cylinders with straight or clover cams in 1-1/8" or 1-1/4" cylinder lengths (1-1/4" key cylinders available)
- Momentary (SPDT/DPDT), maintained (SPDT/DPDT) or time-delay (2-SPDT) switches available
- Hardware kit includes stainless steel tamper-proof screws and spanner bit
- Faceplate available in Brushed Anodized Aluminum (28) or Brushed Anodized, Dark Bronze (40) finish
- See accessories at end of this section

How To Order

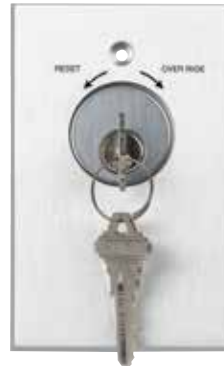
				Faceplate Finish		
				Brushed Anodized – Aluminum ³		28
				Brushed Anodized Dark – Bronze		40
				x		
Options	DPDT ¹ –	D				
960						
Options	Narrow-Stile –	N				
	Momentary –	MO	MO	–Momentary		
	Maintained –	MA	MA	–Maintained		
	Time-Delay –	TD		Options²		
	Switch Mode					

¹Only available with MO and MA switch mode
²Second switch
³Standard

Accessories

Model	Description
96-CYLKA	Mortise cylinder, straight cam, keyed alike
96-CYLKD	Mortise cylinder, straight cam, keyed differently

See page 62 for additional accessories



960RO Tamper-Resistant Keyswitch with Reset/Override

Standard: 3" W x 4-3/4" H (76mm x 121mm)
 Narrow: 1-5/8" W x 4-3/4" H (41mm x 121mm)
 Key cylinder sold separately.

2 Year Warranty
 2 Year Limited Warranty

- Quickly mounts to single gang box
- Extruded aluminum 1/4" plate with beveled edges for tamper-resistance and durability
- One-piece bracket with two-position switch holder
- Compatible with standard mortise cylinders with straight or clover cams in 1-1/8" or 1-1/4" cylinder lengths (1-1/4" key cylinders available)
- Momentary (SPDT/DPDT), maintained (SPDT/DPDT) or time-delay (2-SPDT) switches available
- Hardware kit includes stainless steel tamper-proof screws and spanner bit
- Screen-printed reset/override with directional arrows indicate the function of corresponding switch model
- Brushed Anodized Aluminum (28)
- See accessories at end of this section

How To Order

				Options²		
				MO –Momentary		
				MA –Maintained		
				x		28
Options	DPDT ¹ –	D				
960RO						
	Momentary –	MO		–Momentary		
	Maintained –	MA		–Maintained		
	Time-Delay –	TD		–Time-Delay		
	Switch Mode					

¹Only available with MO and MA switch mode
²Second switch

Accessories

Model	Description
96-CYLKA	Mortise cylinder, straight cam, keyed alike
96-CYLKD	Mortise cylinder, straight cam, keyed differently

See page 62 for additional accessories

RCI Switches



904P Emergency Pull Station

3-9/16"W x 4-1/2"H (91mm x 114mm)

2 Year Warranty
2 Year Limited Warranty

- Heavy-duty polycarbonate design with easy to lift clear Lexan cover
- All-in-one design includes English, French and Spanish labels to apply during installation
- Mounts over standard surface or recessed electrical utility box
- Maintained (DPDT) switch operation
- 3A at 125VAC
- Available in Blue finish

How To Order

904P	x	
Blue ¹	-	B
Finish		
¹ Standard		



909 Rocker Switch

Surface-mount: 2-7/16"W X 2-7/16"H x 7/8"D (61mm x 61mm x 22mm)
Flush-mount: 3-7/16"W x 3-7/16"H x 5/8"D (87mm x 87mm x 16mm)

2 Year Warranty
2 Year Limited Warranty

- Ideal for desk or wall mount applications
- Surface-mounts under desk or counter for concealment
- Smooth action rocker with key symbol
- Momentary & maintained (SPDT) field selectable
- 10A at 250VAC
- Beige finish

How To Order

Mount		
S	-	Surface
F	-	Flush
909	-	
	x	B
Switch Mode		
MO	-	Momentary & maintained SPDT field selectable

¹Available in surface-mount design only



913 Microwave Motion Switch

4-5/8"W x 4-5/8"H (117mm x 117mm) & 2-3/4"W x 4-5/8"H (70mm x 117mm)

2 Year Warranty
2 Year Limited Warranty

- Doppler radar technology allows for use in sterile environments (i.e. healthcare, food processing plants)
- It can be placed unobtrusively in a room or hallway when mounted behind a non-reflective surface for a clean non-visible solution
- Includes single and double gang plate
- Variable adjustment of pattern depth from 4" to 24" (102mm – 610mm)
- No wearing parts mean increased product life
- Water-resistant foam gasket provides increased durability when product is exposed to water or cleaning product
- 12 to 24 VDC/VAC
- Contact rated at 1A
- Available in Black, Cream or White finish
- Certifications: EMC, FCC, IC

How To Order

Finish	
Black	- B
Cream	- CR
White	- W
913	x



914 Sounder

4-3/4"W x 5-9/16"H (119mm x 142mm)

2 Year Warranty
2 Year Limited Warranty

- Ideal for delayed egress applications
- Field-selectable volume output up to 102db
- Models available for interior or exterior applications
- Not suitable for mounting on ceilings
- Easy installation - surface wall mounted
- 63mA, 12-24VAC
- Available in White or Red

How To Order

Type	
WPR	- Weather-Proof, Red Finish
W	- White Finish
914	

¹Only available in red finish

RCI Switches



915 Passive Infrared

Hands-free egress switch.
 6-1/4"W x 1-13/32"H x 1-1/2"D
 (159mm x 36mm x 38mm)

2 Year Warranty
 2 Year Limited Warranty

- Field-Selectable 12/24VDC
- 38mA max at 24VDC, 35mA at 12VDC
- Hands free release for electromagnetic locks
- Ideal for "request to exit" with electromagnetic locks
- Adjustable setting for precise detection area desired
- Adjustable-relay latch time delay (2-60 sec)
- Two Form C relays (rated 2A at 30VDC)
- SPDT switch configuration
- Available in Gray or Black

How To Order

Finish	
Black	B
Gray	G
915	x



915AFI Active Focused Infrared

6-7/8"W x 1-7/8"H x 2"D (175mm x 48mm x 51mm)

3 Year Warranty
 3 Year Limited Warranty

- Mounts on or above the door frame with infrared beam directed near door hardware for pinpoint accuracy and operation, preventing circumvented entry by sliding objects under the door.
- Multiple relocking modes for any timed or door position conditions
- Relay output consists of two Form "C" contacts for NO/NC wiring
- Integrated local sounder with adjustable volume and activation LEDs
- 3 additional auxiliary inputs: request to exit, card reader and a door position switch
- 12 to 24 VDC/VAC
- Black finish
- Certifications: UL 294/ULC S319

How To Order

915AFI	x	B
--------	---	---

RCI Switches



946 Square Push Plate

4-1/2" Sq. (114mm); 4-3/4" Sq. (121mm); 6" Sq. (152mm)



Warranty
Lifetime Limited Warranty

- Available in three sizes
- Momentary (SPDT) switch operation, DPDT accessory kit available
- Tamper-resistant
- Brushed Stainless Steel (32D) finish

How To Order

		Type		Finish	
		P	-Push to Open		
		H	-Handicap Symbol	32D	-Brushed Stainless Steel
		HP	-Handicap Symbol + Push to Open	BLU	-Blue
946				MO	x
		Options			
		4-1/2" (114mm) ¹	45		
		4-3/4" (121mm)	475		
		6" (152mm)	6		
		Size			

¹Only available with HP type

Accessories

Model	Description
9466SUR	Surface-mount box for 6" push plate
946475SUR	Surface-mount box for 4.75" push plate
94645SUR	Surface-mount box for 4.5" push plate
9466FLU	Flush mount box for 6" push plate
946475FLU	Flush mount box for 4.75" push plate
946475WR	Weather ring for 4.75" push plate
946DGPLATE	Back plate for double gang electrical box
9464PLAST	Double gang mount box
P94/5DMO	DPDT accessory kit



950 Round Push Plate

4-1/2" Dia. (114mm); 6" Dia. (152mm)



Warranty
Lifetime Limited Warranty

- Available 4-1/2" designed for 2" x 4" (51mm x 102mm) switch boxes and 6" designed for 4" x 4" x 1-1/2" (102mm x 102mm x 38mm) junction boxes
- Momentary (SPDT) switch operation, DPDT accessory kit available
- Tamper-resistant
- Brushed Stainless Steel (32D) finish

How To Order

		Type		Finish	
		P	-Push to Open		
		H	-Handicap Symbol		
		HP	-Handicap Symbol + Push to Open		
950				MO	x
		Options			
		4-1/2" (114mm)	45		
		6" (152mm)	6		
		Size			

Accessories

Model	Description
9466SUR	Surface-mount box for 6" push plate
946475SUR	Surface-mount box for 4.75" push plate
94645SUR	Surface-mount box for 4.5" push plate
9466FLU	Flush mount box for 6" push plate
946475FLU	Flush mount box for 4.75" push plate
946475WR	Weather ring for 4.75" push plate
946DGPLATE	Back plate for double gang electrical box
9464PLAST	Double gang mount box
P94/5DMO	DPDT accessory kit

RCI Switches



RCM
Retrofit contactless module



T2T
Two-wire module



Converts existing Stainless Steel actuators into a touch-free solution (eg. RCI 946/950)

T2T Touch to Touchless Conversion Modules



Warranty
1 Year Limited Warranty

- Converts RCI 946/950 models into touch-free actuators
- Can convert all other push plate actuators (with no added features or secondary attributes already in use)
- Easy to install and operates in minutes
- No added wire runs
- Handicap or Wave applique provided to indicate touch-free
- FCC and ISED compliant

How to Order

Part Number	Description
T2T-4-WO	4 Wire Application + Waving Hand Logo Wave to Open
T2T-4-HC-WO	4 Wire Application + Handicap Logo Wave to Open
T2T-2-WO	2 Wire Application + Waving Hand Logo Wave to Open
T2T-2-HC-WO	2 Wire Application + Handicap Logo Wave to Open
T2T-4-WL	4 Wire Application + Waving Hand Logo Wave to Lock
T2T-4-HC-WL	4 Wire Application + Handicap Logo Wave to Lock
T2T-2-WL	2 Wire Application + Waving Hand Logo Wave to Lock
T2T-2-HC-WL	2 Wire Application + Handicap Logo Wave to Lock

- For existing switches having two wires only, both the RCM and T2T modules are required
- For existing switches have 4+ wires, the RCM only is required

Comes with new adhesive display plates to indicate new touch-free feature



RCI Switches




946T Square Short-Range Touchless Actuator


4-3/4" Sq. (121mm)



950T Round Short-Range Touchless Actuator

6" Dia. (173mm x 152mm)

 **Warranty**
Lifetime Limited Warranty

 **Warranty**
Lifetime Limited Warranty

- Low-profile touchless actuator plate utilizing unique capacitive technology for the activation of automatic doors
- Illuminated LED mounting ring for unparalleled durability, visibility and convenience
- Hands-free – helps reduce the spread of germs and bacteria
- Short-range adjustable detection zone reduces unwanted activations
- Adjustable visual and audible alerts
- Field-selectable 12-24 VAC/VDC, 37mA typical
- NEMA 4-rated enclosure
- Made of stainless steel (faceplate) and clear polycarbonate (mounting ring, backplate and enclosure)
- Momentary (SPDT) switch operation
- Certifications & testing:
 - ANSI – American National Standards Institute
 - AAADM – American Association of Automatic Door Manufacturers
 - AIA – American Institute of Architects
 - FCC – Federal Communications Commission
 - IDA – International Door Association
 - DASMA – Door & Access Systems Manufacturers Association
 - NEMA 4 – National Electrical Manufacturers Association
- See accessories at end of this section

- Low-profile touchless actuator plate utilizing unique capacitive technology for the activation of automatic doors
- Illuminated LED mounting ring for unparalleled durability, visibility and convenience
- Hands-free – helps reduce the spread of germs and bacteria
- Short-range adjustable detection zone reduces unwanted activations
- Adjustable visual and audible alerts
- Field-selectable 12-24 VAC/VDC, 37mA typical
- NEMA 4-rated enclosure
- Made of stainless steel (faceplate) and clear polycarbonate (mounting ring, backplate and enclosure)
- Momentary (SPDT) switch operation
- Certifications & testing:
 - ANSI – American National Standards Institute
 - AAADM – American Association of Automatic Door Manufacturers
 - AIA – American Institute of Architects
 - FCC – Federal Communications Commission
 - IDA – International Door Association
 - DASMA – Door & Access Systems Manufacturers Association
 - NEMA 4 – National Electrical Manufacturers Association
- See accessories at end of this section

How To Order

		Type			
	H	–Handicap & Wave Symbol			
	HW	–Handicap & Wave Symbol & "Wave To Open"			
	W	–"Wave To Open" & Wave Symbol			
946T		475	-	MO	x 32D

How To Order





		Type			
	H	–Handicap & Wave Symbol			
	HW	–Handicap & Wave Symbol & "Wave To Open"			
	W	–"Wave To Open" & Wave Symbol			
950T		6	-	MO	x 32D

RCI Switches



ILO6 Controller Barrier free washroom controller

The ILO6 is a multi-faceted controller that is ideal for quick installations offering barrier free access. The ILO6 provides multiple barrier-free control and activation options. It is able to trigger auto control relays (door openers & closers) along with communications actions such as emergency call, emergency release and multi-zone control. Recent building code changes require several enhancements to meet Barrier Free requirements, such as washroom entrances, with emphasis on emergency assistance. RCI's new ILO6 controller meets and exceeds these requirements.

 <p>Energy Input 12-24VDC</p>	 <p>Energy Output 6 1A @ 24VDC relay outputs SPDT</p>
 <p>Indicators 14 red/green I/O indicators; 3 digit 8-segment LED display</p>	 <p>Input/Output 6 individual inputs and outputs</p>

7 pre-programmed functions (with room for additional functions):

- Function #1: Barrier-free washroom control with emergency call.
- Function #2: Barrier-free washroom control with controlled access and emergency call.
- Function #3: Communicating washroom with auto-operator control and emergency call.
- Function #4: Communicating washroom with emergency call.
- Function #5: 2-Door security interlock with emergency release (mantrap - closed and locked continuous).
- Function #6: 2-Door safety interlock with emergency release (air lock - closed and unlocked).
- Function #7: Multi-zone control.

6-zone control interface

ILO6 sold as a single controller or as part of a complete kit (ILO6KT) that includes the following items:

- ILO6 door controller
- Interior & exterior handicap push plates
- Push to lock button
- Interior & exterior annunciator (audible/visual indicators)
- Surface applied door contact
- Emergency call sign (will vary by province & state)

RCI Switches



910TC Series Touchless Actuators

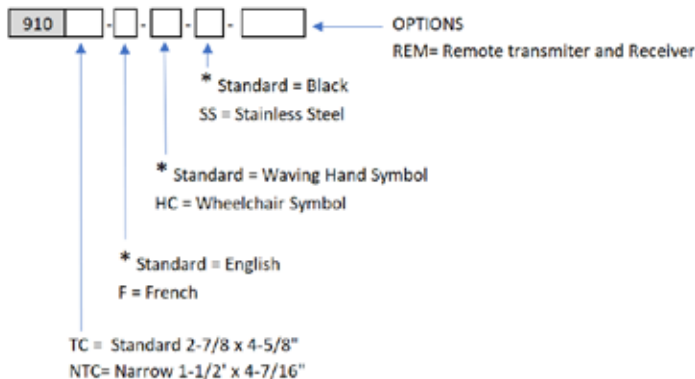
2-15/16"W x 4-11/16"H single-gang mounts | 1-3/4"W x 4-1/2"H mullion mounts

2 Year Warranty
2 Year Limited Warranty

- Unique low-profile touchless actuator plate utilizing capacitive technology for the activation of automatic doors
- Aesthetically pleasing design
- Hands-free – helps reduce the spread of germs and bacteria
- Adjustable detection zone to reduce unwanted activations
- When device is activated, the indicator light will change color
- Option to disable audible indicator
- Secondary Normally Open (NO) mechanical switch in the event of a power loss
- Selectable unlock times (1-63 seconds) or toggle mode
- Narrow touchless actuators may select capacitive, infrared or both sensor activations

- Narrow actuators have 1-7 seconds activation or toggle mode
- Available in narrow (mullion) or standard size
- Available remote control to trigger switch remotely
- Available in kit options
- Available black (standard) or Stainless Steel (SS)
- Also available with french language plates
- Certifications: FCC and ISED
- Meets ADA compliance (check local building codes for compliance)

How to Order



Example = 910NTC-HC-REM
910 Narrow with Wheelchair Black c/w Transmitter and Receiver

* Standard feature(s) will be selected if unspecified

Standard Touch Free Actuators	
910TC	Waving hand
910TC-SS	Waving hand, stainless
910TC-HC	Wheelchair
910TC-HC-SS	Wheelchair, stainless
Narrow Touch Free Actuators	
910NTC	Narrow, waving hand
910NTC-SS	Narrow, waving hand, stainless
910NTC-HC	Narrow, wheelchair
910NTC-HC-SS	Narrow, wheelchair, stainless
Touch Free Actuator Kits (includes remote + transmitter)	
910NTC-REM	Narrow, waving hand + receiver & transmitter
910NTC-SS-REM	Narrow, stainless + receiver & transmitter
910NTC-HC-REM	Narrow, wheelchair + receiver & transmitter
910NTC-HC-SS-REM	Narrow, wheelchair, stainless + receiver & trans.
910TC-REM	Waving hand + receiver & transmitter
910TC-SS-REM	Stainless + receiver & transmitter
910TC-HC-REM	Wheelchair + receiver & transmitter
910TC-HC-SS-REM	Wheelchair, stainless + receiver & transmitter
Transmitter and Receivers	
910NTC-WRM	910NTC Narrow Receiver
910TC-WRB	910TC Transmitter

NOTE: for french parts and ordering, see Canada Price Book.

RCI Switches



912-WBT Battery powered; touch-free actuator

912N-WBT Battery powered; touch-free actuator (narrow)

912GL-WBT Battery powered; touch-free actuator (for glass & marble surfaces)

912-WBT: 5" x 5" W x 1.75"
 912N-WBT: 4.75" x 2" x 1.75"
 912GL-WBT: 3.375" x 3.375" x 0.565"

1
Year

Warranty
1 Year Limited
Warranty

- Infrared Motion Detection Technology
- Touch Free Activation with hand or reflective object provides clean and hygienic activation (less than 130 ms)
- Silent activation for hospitals and other noise-sensitive environments
- 2.4GHz transmitter and receiver (line of site +30 meters/100ft)
- Receiver voltage input 12-30 VDC
- Low power consumption providing long battery life (batteries not included)
- Detection distance is adjustable from 3-30 cm (1"-12")
- SPDT relay output can be used for signaling/switching automatic doors and access control (3A @ 30VDC)
- Selectable activation output between 1.5 seconds or "latching", meaning activation "on", activation "off"
- FCC, ISSED, CE certified

How To Order

Parts	Description	Parts	Description
912-WBT	Single switch	912-R	Receiver
912-WBT-R	Single switch & receiver		
912-2WBT-R	Double switch & receiver	912GL-WBT	Single switch
912-WBT-HC	Single switch (wheelchair icon)	912GL-WBT-R	Single switch & receiver
912-WBT-R-HC	Single switch & receiver (wheelchair icon)	912GL-2WBT-R	Double switch & receiver
912-2WBT-R-HC	Double switch & receiver (wheelchair icon)		
912N-WBT	Narrow single switch	912GL-WBT-HC	Single switch (wheelchair icon)
912N-WBT-R	Narrow single switch & receiver	912GL-WBT-R-HC	Single switch & receiver (wheelchair icon)
912N-2WBT-R	Narrow double switch & receiver	912GL-2WBT-R-HC	Double switch & receiver (wheelchair icon)
912N-WBT-HC	Narrow double switch (wheelchair icon)		
912N-WBT-R-HC	Narrow single switch & receiver (wheelchair icon)		
912N-2WBT-R-HC	Narrow double switch & receiver (wheelchair icon)		

RCI Switches



940 Rectangular Push Plate

2-3/4" W x 4-1/2" H (70mm x 114mm)



Warranty
Lifetime Limited Warranty

- Large rectangular faceplate
- Beveled edges provide a tamper and vandal resistant solution
- Universal touch area; push at any location
- Momentary (SPDT) switch operation, DPDT accessory kit available
- Text and symbols are baked onto the surface for maximum durability
- Brushed Stainless Steel (32D) finish
- See accessories at end of this section

How To Order

		Type				Switch Mode	
	H	-	Handicap Symbol				
	HP	-	Handicap Symbol + Push to Open				
	PTE	-	Push to Exit				
	B	-	Blank				
940		-		x	32D		
				MO		-	Momentary (SPDT) ¹

¹Standard

Accessories

Model	Description
940SUR	Surface-mount box
P94/5DMO	DPDT accessory kit

See page 62 for additional accessories

RCI Switches



941 Mullion Push Plate

1-1/2"W x 4-3/4"H (38mm x 121mm)



Warranty
Lifetime Limited Warranty

- Narrow design makes an easy application on guide rails and swing doors
- Beveled edges provide a tamper and vandal resistant solution
- Universal touch area; push at any location
- Momentary (SPDT) switch operation, DPDT accessory kit available
- Text and symbols are baked onto the surface for maximum durability
- Available in Brushed Stainless Steel (32D) or Blue (BLU) finish
- See accessories at end of this section

How To Order

Type		Finish		
P	-Push To Open	32D	-Brushed Stainless Steel Finish	
H	-Handicap Symbol			
HP	-Handicap Symbol + Push To Open	BLU	-Blue	
B	-Blank ¹			
941	MICRO	-	MO	x

Options

¹Available only in 32D finish

²Available only with HP and H type in 32D finish

Accessories

Model	Description
941SUR	Surface-mount box
941FLU	Flush mount box
P94/5DMO	DPDT accessory kit

See page 62 for additional accessories

RCI Switches



9LP36 Low Profile Push Plate

6"W x 36"H (152mm x 915mm)



Warranty
3 Year Limited Warranty

- An all-active plate activates with any "push" location
- Can be mounted to any flat surface using concealed fasteners for aesthetics and to minimize vandalism
- Easily adapts to either a wireless or hardwired installation
- Optional built-in wireless transmitter comes pre-installed in the top end cap
- UL Listed push plate for pedestrian door activation under UL325 for US and Canada
- Exceeds the California Building Code, Section 1117B.6
- Exceeds Ontario Building Code, Sections A-3.8.3.3 (17) and A-3.8.1.5
- Brushed Stainless Steel (32D) finish

How To Order

Type

HW	-For Hardwire Installation
433	-For Wireless Installation (433MHz Transmitter)

9LP36 - x 32D



9RCT433/9DRCCR433 Transmitters & Receivers

2-3/4"W x 2-1/8"H x 1"D
(70mm x 55mm x 14mm)



The 9RCT433 & 9DRCCR433 transmitters and receivers are compatible with multiple automatic door remote applications with delay or no delay programming.

- Operates with a unique rolling code each time the switch is activated
- Multiple applications with Delay or No Delay programming
- 100 transmitters can be programmed into a single receiver
- Removal of a single transmitter code
- Up to 4 separate wireless receivers can be activated by a single transmitter (i.e. 4-Button)

How To Order Transmitter

9RCT433		
	1	-One Button
	2	-Two Buttons
	3	-Three Buttons
	4	-Four Buttons
	3V1	-One Button Wired With 3V Battery
	9V1	-One Button Wired With 9V Battery Lead
		Type

How To Order Receiver

9DRCCR433		
	VB	-Receiver
	EHT	-Receiver With Extended Hold Time
		Type

RCI Switches



9500
2 Pin

9500/9501 Mortise Pin Transfers

1/2" W x 2-3/4" H (13mm x 71mm)



Warranty
5 Year Limited Warranty



9501
3 Pin

- Recessed in the hinge side of the door/frame and concealed when the door is closed for tamper-resistance
- 1.5A at 24VAC
- Made of nickel-plated brass and plastic
- White finish

How To Order

Type	
0	-2 Pin Contact
1	-3 Pin Contact
950	



9507/9509 Flex Loops



Warranty
2 Year Limited Warranty

9507

- Surface-mounted on hinge side
- Accepts 4-conductor @ 22 gauge or 2-conductor @ 18 gauge (not included)
- Made of stainless steel coated brass
- Available in Silver, Brown and White finish

9509

- Surface-mounted on hinge side
- Heavy-duty flex loop with increased conductor capacity
- Accepts 16-conductor @ 22 gauge or 8-conductor @ 18 gauge (not included)
- Made of stainless steel
- Silver finish

How To Order

Type		Finish	
Standard	7	Silver ¹	S
Heavy-Duty	9	Brown	B
		White	W
950		-	
	7" (178mm)		7
	12" (305mm)		12
	18" (457mm)		18
	24" (610mm)		24
	36" (914mm)		36

Length

¹9509 available in Silver only



9520/9521/9522 9523/9524 Electrified Hinges

- 9520** 4" x 4" (102mm x 102mm)
- 9521** 4-1/2" x 4" (114mm x 102mm)
- 9522** 4-1/2" x 4-1/2" (114mm x 114mm)
- 9523** 5" x 4-1/2" (127mm x 114mm)
- 9524** 5" x 5" (127 mm x 127mm)



Warranty
3 Year Limited Warranty

- Five knuckle
- Standard weight
- Fully mortised in the hinge stile and concealed when the door is closed for tamper-resistance
- Made of steel
- 6-conductors (4 at @ 22 gauge, 2 @ 18 gauge) included
- Available in Brushed Chrome (26D) or Brushed Stainless Steel (32D) finish

How To Order

Size	
0	-4" x 4" (102mm x 102mm)
1	-4-1/2" x 4" (114mm x 102mm)
2	-4-1/2" x 4-1/2" (114mm x 114mm)
3	-5" x 4-1/2" (127mm x 114mm)
4	-5" x 5" (127 mm x 127mm)
952	
	x
Brushed Chrome	26D
Brushed Stainless Steel	32D

Finish

RCI Power Transfers and Door Contacts



9512/9513 Bridge Cables

9512 Visible face: 1"W x 12-3/4"H (25mm x 324mm)
Recessed: 7/8"W x 10-3/16"H (23mm x 259mm)

9513 Visible face: 1"W x 21-7/16"H (25mm x 545mm)
Recessed: 7/8"W x 18-7/8"H (23mm x 479mm)

Warranty
1 Year Limited Warranty

- Recessed in the hinge side of the door/frame and concealed when door is closed for tamper-resistance
- 4-conductor @ 22 gauge or 2-conductor @ 18 gauge
- Made of steel
- Bright Chrome (26) finish

How To Order

		Type		
	2	-12-3/4" H (324mm)		
	3	-21-7/16" H (545mm)		
951	x	26		



9540 Recessed Magnetic Contact/Door Position Switch

3/4"W x 3/4"H x 7/8"D
(19mm x 19mm x 22mm)

Warranty
Lifetime Limited Warranty

- 200mA Max, 30VAC/VDC
- 3/4" (19mm) dia. recessed magnetic contact
- 12" #22 AWG wire leads
- Rare earth magnet
- Self-locking in steel and wood
- End-of-line resistors, diodes and supervisory
- Loop type: open/closed
- SPDT configuration
- Available in White or Black finish

How To Order

9540	x		
White	—	W	
Black	—	B	
Finish			



9530 Balanced Magnetic Contact/Door Position Switch

3-1/2"W x 1-1/4"H x 5/8"D
(89mm x 32mm x 16mm)

Warranty
Lifetime Limited Warranty

- 50mA Max, 100VDC
- Surface-mount switch and magnet
- Utilizes two Form C high reliability Rhodium plated reed switches, one of the two reed switches being of different sensitivity, encapsulated in epoxy inside a solid aluminum case
- SPDT switch configuration with magnetic tamper
- When the rare earth magnet is in place and properly adjusted (balanced), the magnetic tamper switch 2 will be in a state opposite to the switch 1
- This normal configuration will change should one of the following occur; (1) switches 1 and 3 will change state by either the deliberate shunting of the magnetic field or if the door window is opened, and (2) the addition of a magnetic field such as an external magnet will cause the magnetic tamper switch 2 to change state
- End-of-line resistors may be used to allow a predetermined trickle of current to flow and permit operation from a supervised line at all times
- 18" Armored Cable, #22 AWG Wire Leads

How To Order

9530

RCI Switches Accessories



TD30/TD30A Timer Delay

Model	Description
TD30	30 sec. fixed timer (12/24VDC)
TD30A	0 to 30 sec. adjustable timer (12/24VDC)



910TC-WRM Remote Receiver Module

Model	Description
910TC-WRM	433MHz remote receiver module
910NTC-WRM	433MHz remote narrow receiver module



910TC-WRB Remote Transmitter

Model	Description
910TC-WRB	433MHz remote transmitter

P94/5DMO DPDT Switch Kit

Model	Description
P94/5DMO	DPDT momentary contact switch kit

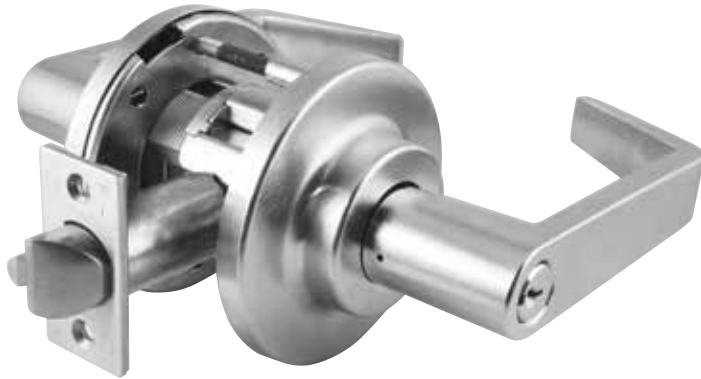
Compatibility

Model	9SURBOX	TD30	TD30A	P94/5DMO
903 Audible Alert	•	-	-	-
904P Emergency Pull Station	•	-	-	-
906 Handicap Pushbutton	•	•	•	-
908 Exit Pushbutton	•	•	•	-
909 Rocker Switch	-	•	•	-
916 Tamper-resistant Handicap Pushbutton	•	•	•	-
917 Easy Touch Pushbutton	•	•	•	-
918 Tamper-resistant Exit Pushbutton	•	•	•	-
919 Rotary Release Pushbutton	•	-	-	-
920 Emergency Release Keyswitch/Pushbutton	•	-	-	-
940 Rectangular Push Plate	•	•	•	•
941 Mullion Push Plate	-	•	•	•
946 Square Push Plate	•	•	•	•
946T Square Short-Range Touchless Actuator	•	•	•	-
950 Round Push Plate	•	•	•	•
950T Round Short-Range Touchless Actuator	•	•	•	-
960 Tamper-resistant Keyswitch	•	•	•	-
970 Illuminated Exit Pushbutton	•	•	•	-
972 All-In-One Illuminated Pushbutton	-	•	•	-
975 Illuminated Exit Pushbutton	•	•	•	-
980 Economy Pushbutton	•	•	•	-
990 Oversized Tamper-resistant Handicap/Exit Pushbutton	•	•	•	-
991 Pneumatic Time Delay Handicap/Exit Pushbutton	•	-	-	-

Locksets



RCI Locksets



C800 Series Grade 1 Heavy-Duty Cylindrical Locksets

Provides exceptional security, enhanced aesthetics and rugged dependability.

	Energy 290mA @ 12VDC 145mA @ 24VDC		Strength ANSI/BHMA A156.2		Warranty 2 Year Limited Warranty		Mode Fail-Safe & Fail-Secure Options Available
	Fire-Rated 3-Hour Fire-Rated		Door Type Designed For Wood And Hollow Metal Doors				

- Easy to install in all swinging doors with ANSI/BHMA Standard A156.115 preparations for cylindrical locks
- Designed for wood and hollow metal doors
- Fail-safe (EL) and fail-secure (EU) options available
- Easily adjustable to accommodate doors from 1-3/4"–2-1/4" thick without spacers (1-3/8"–1-5/8" with spacers PC8DS1). Consult the factory for other thicknesses
- Non-handed for simple installation (excluding LF or LV handed levers)
- Lock is through-bolted for additional strength and security
- Cast stainless steel latch retractor with roller bearings for exceptionally smooth operation and superior strength and durability
- Lock chassis constructed of steel, stainless steel and zinc components for superior strength and corrosion resistance
- Stainless steel latch bolt for superior strength
- Auxiliary deadlocking latch bolt for strength and durability
- Premium PVD (physical vapor deposition) finishes for consistent durable color on 605, 606, 612, 613 and 619
- Available in: 24VDC (145mA) & 12VDC (290mA)
- Request-to-exit signaling switch: 250VAC, 1A, 22AWG wire leads on lever locks
- Certified to ANSI/BHMA standard A156.2, Series 4000 Grade 1
- Tested to 3.5-million cycles by an independent laboratory
- Meets A117.1 accessibility code and ADA requirements for barrier-free accessibility
- UL/cUL – UL 10C Positive Pressure
- All C800 Series locks are Listed 3-hour fire rated
- Locks with 1/2" throw latch bolts are listed for A label and lesser class doors, 4'0" x 8'0" maximum per leaf
- California State Reference Code (formerly title 19, California State Fire Marshal standard), all levers with returns, return to within 1/2" (12 mm) of door face



RCI Locksets

How To Order

Function		Cylinder Type ¹		Finish ²		Latch Bolts ⁵		Strike Options		Lip Length		Keying Options ⁵	
Fail-Secure	80EU	S	-Sargent 10 Line KIL (less cylinder)	626	-Satin Chrome (Standard)								
		D	-Conventional Cylinder	625	-Bright Chrome								
Fail-Safe	80EL	L	-Less Cylinder	619PVD	-Satin Nickel								
		C	-SFIC	613PVD	-Dark Oxidized Satin Bronze								
C8		J	-Less SFIC	612PVD	-Satin Bronze								
		T	-Temporary SFIC	606PVD	-Satin Brass								
		R	-Schlage FSIC (less core)	605PVD	-Bright Brass	AM	-Antimicrobial Coating ³					5001	1316
Request to Exit	RX	LR	C	-3-1/2" Dia.	5	-12VDC	TX	RH	-Right Hand	134	-1-3/4"-2-1/4"		
		LC	D	-3-1/2" Dia. stamped, LOCK	8	-24VDC	Security Screws	LH	-Left Hand	138	-1-3/8"-1-5/8"		
		LG	E	-3-1/2" Dia. stepped rose	Voltage			Door Hand⁶		Door Thickness⁴			
		LT	F	-3-1/2" Dia. stepped rose stamped, LOCK									
		LF ⁶	Rose Design										
		LV ⁶	Lever⁵										

¹Consult factory for other cylinder options.

²For split finishes, consult factory. Specify hand.

³Available on 626 finish only. Consult factory for other finishes.

⁴Door Thickness Range: 1-3/4"-2-1/4" without spacers, 1-3/8"-1-5/8" with spacers.

⁵See next page for options

⁶Specify handing when ordering LF or LV levers

NOTE: Consult factory for lead times on other options

Standard models include:

- C8 80EL D LR E 626 5 10252 134 5001 1316
- C8 80EL D LR E 626 8 10252 134 5001 1316
- C8 80EL RX D LR E 626 5 10252 134 5001 1316
- C8 80EL RX D LR E 626 8 10252 134 5001 1316
- C8 80EU D LR E 626 5 10252 134 5001 1316
- C8 80EU D LR E 626 8 10252 134 5001 1316
- C8 80EU RX D LR E 626 5 10252 134 5001 1316
- C8 80EU RX D LR E 626 8 10252 134 5001 1316

RCI Locksets

Latch Bolts

Latch Throw	Backset	Latch Type	Face
3/4" Throw - Latch	18	5	-All Other Functions
1/2" Throw - Latch	10	0	-C810, C840, C844
2-3/8" Backset	1	0	-1" Face, Square Corner
2-3/4" Backset	2	1	-1" Face, 1/4" Radius Corner
3-3/4" Backset	3	2	-1-1/8" Face, Square Corner
5" Backset	5		

Keying Options

Standard Keyways

Keyway	Keying
OBIT	-0-Bitted
CMK	-Construction Master Keyed
MKD	-Master Keyed
NSK	-Non-Stock Keyed
KA4	-Keyed Alike, Sets of 4
KA2	-Keyed Alike, Sets of 2
KD	-Keyed Different
SC	-Schlage C
SE	-Schlage E
D100	-DORMA SKC
CA	-Corbin 60
CD	-Corbin 59A1
CE	-CorbinRusswin L4
RA	-Russwin 981
RB	-Russwin D1
GA	-Sargent LA
SF	-Schlage F
WA	-Weiser E
YA	-Yale 8
YG	-Yale GA

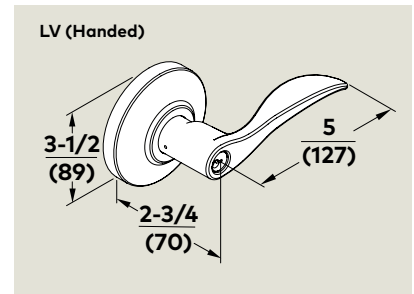
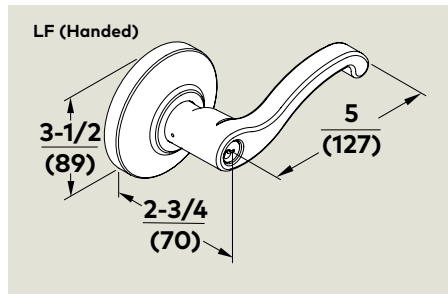
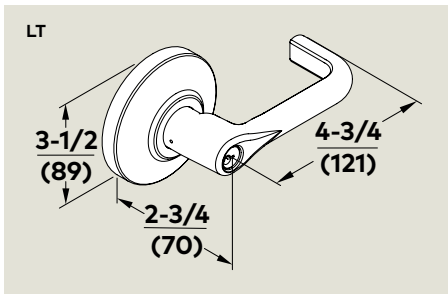
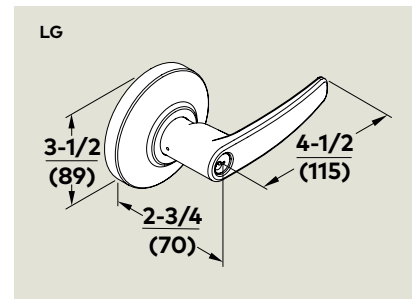
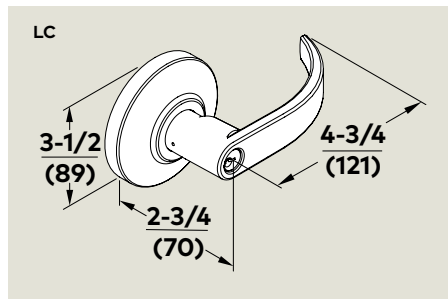
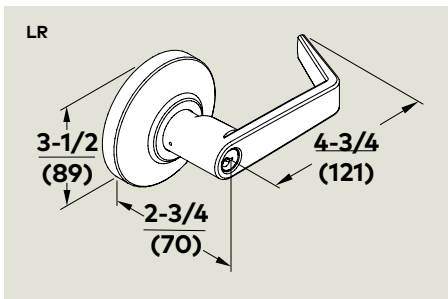
Retrofit Keyways Available
0-Bitted Only

IC Keyways

Keyway	Keying
TMP	-Temporary Construction Core
MKD	-Combinated (Master Keyed)
BA	-Best A
BB	-Best B
BC	-Best C
BD	-Best D
BE	-Best E
BF	-Best F
BG	-Best G
BH	-Best H
BJ	-Best J
BK	-Best K
BL	-Best L
BM	-Best M
BQ	-Best Q
D100	-DORMA SKC (7-pin Core Only)
BLK	-Black Construction Core
BLU	-Blue Construction Core
GRN	-Green Construction Core

Specify color if required to match existing project

Lever Designs



Specialty Locks








RCI Specialty Locks



YG80 Electronic heavy-duty door lock

High-strength lock designed for securing gates, roll-up doors, shipping containers, and other large doors or entryways. Offers the ability to integrate into an access control system. Fully monitored, weatherproof, and user configurable, the YG80 is the perfect indoor and outdoor locking solution.

	Energy 12/24VDC +/- 15%		Strength 11,240lbs Dynamic 148 ft-lbs
	Warranty 5 Year Limited Warranty		Mode Fail-Secure
	Endurance 300,000 Cycles		

Features

- Concealed mounting bolts under the lock's cover, which cannot be removed without triggering the tamper detection monitor
- Completely weatherproof
- Aluminum lock body for excellent corrosion resistance
- Built-in heater for continued functionality in colder climates, the YG80 can handle any environment it is placed in
- Complete monitoring capabilities
- Provides a range of output signals - bolt locked and unlocked position, door position, and tamper detection
- Integrated access control system capabilities
- Selectable fail safe / fail secure modes, three user selectable control methods, and multiple attempts to lock or unlock, ensures that the YG80 is ready for a wide range of application requirements
- A symmetrical design means the YG80 can be installed both horizontally and vertically, in indoor and outdoor environments
- The included three meter flying cable ensures easy connection for all the monitoring, control and the 12-24VDC power supply

- Low current consumption
- With the heater disabled, the YG80 will draw as little as 50 mA in standby, and only 1,000 mA in operation at 12VDC. (Heater @24VDC only)
- 18 mm diameter stainless steel bolt pin and reinforced strike design
- Holding force of 11,240 lbs
- FCC and ISED compliant

RCI Specialty Locks



3590 Lock 'N' Prox

Battery powered lock with built-in proximity reader – ideal standalone solution.

2-3/8" W x 2-3/8" H x 7/8" D (60mm x 60mm x 22mm)

Dimensions of lock only. Excludes pin.

	Energy Battery Powered		Strength 140lbf ¹ Holding Force
	Warranty 2 Year Limited Warranty		Mode Fail-Secure (Fail-Safe When Battery Fails)
	Alarm Optional Alarm Function Available		

¹For base model. 450lbf for 3590A

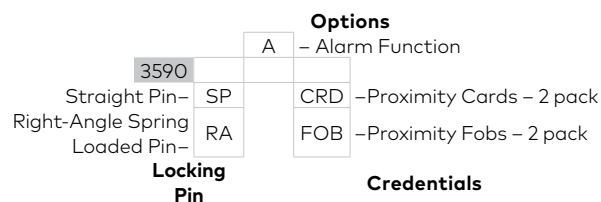
- Easy to install and simple to program without PC or software
- Can be fitted to sliding doors, drawer backs, leaf doors, glass, etc.
- 2 pin configurations to accommodate most mounting applications
- Up to 1" (25mm) of reliable reading through wood material without external antenna
- 50 users per lock capability
- Flexible, project-based programming and functions available
- Long lasting lithium battery – minimum 30,000 latch openings per life of battery
- Low battery audible warning
- Very robust, impact-proof motor operation
- Audible signal upon card/fob presentation
- Various catch options available including spring open door release
- Black finish
- Certifications: FCC and ISED

Options

A – Alarm Function

Preprogrammed alarm function to detect if the door is left ajar or forced open. When the door is left ajar for more than 30 seconds the alarm will beep until the door is closed or a valid user card is presented. If the door is forced open, the sounder will sound at full volume immediately. To silence the alarm a valid user card must be presented to the lock.

How To Order



Example: **3590SPAFOB**

Accessories






Model	Description
3590LP-ALM	Straight locking pin
3590LP-ZALSP	Right angle locking pin
3590PX-CRD10	Proximity cards – 10 pack
3590PX-FOB10	Proximity fobs – 10 pack
3590PX-PRO	Replacement programming card
3590ER-SLOC	External reader – surface-mounted with 5ft (1.5m) cable for use when lock is not within read range
3590ER-RLOC	External reader – recess mounted with 5ft (1.5m) cable for use when lock is not within read range Reader diameter is 1/2" (12mm) and length is 1-9/16" (40mm)

RCI Specialty Locks



3510LM Electromechanical Cabinet Lock

Compact, surface-mounted design ideal for small enclosures.
 1-5/8" W x 1-7/8" H x 13/16" D (42mm x 48mm x 20mm)
 Dimensions of lock only. Excludes pin.

 Energy 250mA ¹ Field-Selectable 12VAC/VDC, 24VAC/ VDC	 Strength 250lbf Holding Force
 Warranty 3 Year Limited Warranty	 Mode Field-Selectable Fail-Safe & Fail-Secure
 Monitoring Built-in Monitoring Switch	

¹Max at 12VAC/VDC, 120mA at 24VAC/VDC

- Surface-mounted compact electric lock
- Versatile mounting positions
- Elongated holes for adjustable mounting
- Zinc-plated (rust-resistant) steel locking pin assembly
- Low energy consumption
- Positioning of the locking pin determines lock mode
- Built-in monitoring switch indicates whether the mechanism is locked or unlocked
- Black finish

How To Order

3510 LM








3513 Electromechanical Cabinet Lock

Compact, surface-mounted design ideal for small enclosures.
 1-3/16" W x 2-7/8" H x 1-1/8" D (30mm x 73mm x 29mm)
 Dimensions of lock only. Excludes pin.

3513DM Electromechanical Cabinet Lock with Monitoring

Compact, surface-mounted design ideal for small enclosures.
 1-3/16" W x 2-7/8" H x 1-1/8" D (30mm x 73mm x 29mm)
 Dimensions of lock only. Excludes pin.

 Energy 200mA ¹ Field-Selectable 12/24VDC	 Strength 440lbf Holding Force
 Warranty 3 Year Limited Warranty	 Mode Field-Selectable Fail-Safe & Fail-Secure
 Monitoring Optional Dual Monitoring Model Available	

¹Max at 12VDC, 100mA at 24VDC

- Surface-mounted compact electric lock
- Superior heavy-duty metal construction
- Versatile side or top mounting
- Low energy consumption
- Positioning of the solenoid determines lock mode
- Black finish

Options

DM – Dual Monitoring

Built-in locking pin and door monitoring switches.

How To Order

3513 DM –Dual Monitoring
Options

RCI Specialty Locks



3525 Electromechanical Rack Handle Lock

Provides intelligent electronic locking and monitoring capabilities.
1-1/2"W x 6-3/4"H x 1"D (37mm x 170mm x 24.5mm)

3525PRX Electromechanical Rack Handle Lock with Proximity Reader

Includes built-in 125kHz HID® proximity reader.
1-1/2"W x 8-1/4"H x 1"D (37mm x 210mm x 24.5mm)

	Energy 200mA ¹ Field-Selectable 12-24VDC		Monitoring Lock & Handle Status
	Warranty 1 Year Limited Warranty		Mode Fail-Secure (Fail-Safe When Battery Fails)

¹Typical: less than 200mA at 12VDC, max/stall: 1A, standby: 50mA max, output signal: 100mA max load, card reader module: 60mA max

Accessories

Model	Description
Cams	
3525-GR3815	0.61" (15.5mm) grip cam, 1-1/2" (38mm) length
3525-GR3817	0.69" (17.5mm) grip cam, 1-1/2" (38mm) length
3525-GR3819	0.77" (19.5mm) grip cam, 1-1/2" (38mm) length
3525-GR3821	0.85" (21.5mm) grip cam, 1-1/2" (38mm) length
3525-GR3823	0.93" (23.5mm) grip cam, 1-1/2" (38mm) length
3525-GR4522	0.77" (19.5mm) grip cam, 1-3/4" (45mm) length
3525-GR4524	0.85" (21.5mm) grip cam, 1-3/4" (45mm) length
3525-GR4526	0.93" (23.5mm) grip cam, 1-3/4" (45mm) length
Gearbox For Multi-Point Systems	
3525-MPLH	Left Hand Gearbox (CCW to open)
3525-MPRH	Right Hand Gearbox (CW to open)
Credentials	
1326R-H-10	125kHz Clamshell Proximity Card, HID® protocol, 10 pack
1326R-H-25	125kHz Clamshell Proximity Card, HID® protocol, 25 pack
1326R-H-50	125kHz Clamshell Proximity Card, HID® protocol, 50 pack
1386R-H-10	125kHz Printable Proximity Card, HID® protocol, 10 pack
1386R-H-25	125kHz Printable Proximity Card, HID® protocol, 25 pack
1386R-H-50	125kHz Printable Proximity Card, HID® protocol, 50 pack
1314R-H-10	125kHz Thick Printable Proximity Card, HID® protocol, 10 pack
1314R-H-25	125kHz Thick Printable Proximity Card, HID® protocol, 25 pack
1314R-H-50	125kHz Thick Printable Proximity Card, HID® protocol, 50 pack
1346R-H-10	125kHz Proximity Fob, HID® protocol, 10 pack
1346R-H-25	125kHz Proximity Fob, HID® protocol, 25 pack
1346R-H-50	125kHz Proximity Fob, HID® protocol, 50 pack

HID® is a registered trademark of HID Global Corporation, an ASSA ABLOY company. All other trademarks are the property of their respective owners. RCI reserves the right to change specifications without notice.

NOTE: The lock sensor is an optical device that senses the presence of the locking cam. Keyed cylinder can affect sensing. Removal of factory installed keyed cylinder will void warranty.

- Easy to install and use
- Local monitoring with multi-color LED indicator
- Remote lock and unlock control
- Single or multi-point locking
- Low current, gear motor driven mechanism
- Momentary or continuous lock actuation
- High security DIN lock for mechanical key override
- Non-handed
- Wire harness and hardware kit included
- Includes three keys (keyed alike)
- Activated via any third party control system (Access Control)
- PoE adaptable
- Housing, handle and mounting bracket are made of black, glass-filled nylon
- Shaft and rotation limiter are made of die-cast zinc with a bright sealer finishing

Options

iCLASS 13.56 MHz RFID

reader now available (**special order**) Call for order details.

PRX – Proximity Reader

Integrated 125kHz HID® proximity reader which recognizes existing employee RFID prox cards. Wiegand output can be connected to a standalone controller or an existing networked access control system for remote control, monitoring and reporting.

How To Order






3525 PRX – Proximity Reader
Options

RCI Specialty Locks



MEM4400 Compact Electromechanical Lock

Ideal for sliding doors or small enclosures.
 1-3/4"W x 1-3/16"H x 21/32"D (44mm x 30mm x 16.5mm)
 Armature Plate: 1-3/4"W x 1-3/16"H x 1/2"D (44mm x 30mm x 12.5mm)

	Energy 260mA 12/24VDC		Strength 880lbf Holding Force
	Warranty 3 Year Limited Warranty		Mode Fail-Safe
	Monitor Lock & Door Status Sensors		

- Ultra-compact design
- Low power consumption
- Easy installation
- Early warning alarm
- No residual magnetism
- For automatic sliding doors (lock located on or within door track)





How To Order

MEM4400



S2500A Mini Electromagnetic Lock

For small enclosures or hutches.
 4-1/4"W x 1-1/2"H x 3/4"D (107mm x 37mm x 20mm)
 Armature Plate: 2-1/2"W x 1-1/4"H x 11/32"D (44mm x 30mm x 9mm)

	Energy 240mA 12VDC		Strength 165lbf Holding Force
	Warranty 3 Year Limited Warranty		Mode Fail-Safe

- Mini magnetic lock single door
- Surface-mounted magnet
- Non-monitored
- Power off to release door
- Brushed anodized aluminum housing
- Zinc plated electromagnetic body
- Grain orientated silicone steel armature plate

How To Order



S2500A

RCI Specialty Locks



EM-MAG1500 Compact Electromechanical Lock

For outswing doors & small enclosures.
 6-7/32" W x 1-7/16" H x 1-3/8" D (158mm x 36mm x 35mm)
 Armature Plate: 4-3/4" W x 1-3/16" H x 1/2" D (121mm x 30mm x 12.5mm)

	Energy 240mA ¹ Field-Selectable 12/24VDC		Strength 1,500lbf Holding Force
	Warranty 3 Year Limited Warranty		Mode Fail-Safe
	Monitor Lock & Door Status Sensors		

¹At 12VDC, 120mA at 24VDC

- Slim design; significantly smaller than standard electromagnetic locks
- Bi-color light panel indicates lock status
- Releases under side load of up to 130lbs (60kg)
- Early warning alarm
- Includes anti-tamper security plate
- Anodized aluminum housing; zinc plated for anti-corrosion
- No residual magnetism
- Low energy consumption
- Factory tested to over 1-million cycles






How To Order

EM-MAG1500



MEM2400 Compact Electromechanical Lock

For inswing doors & small enclosures.
 8-5/8" W x 1-7/16" H x 1-3/8" D (218mm x 36mm x 35mm)
 Armature Plate: 7-1/8" W x 1-3/16" H x 1/2" D (181mm x 30mm x 12.5mm)

	Energy 350mA ¹ Field-Selectable 12/24VDC		Strength 1,500lbf Holding Force
	Warranty 3 Year Limited Warranty		Mode Fail-Safe
	Monitor Lock & Door Status Sensors		

¹At 12VDC, 120mA at 24VDC

- Patented electromagnetic lock with early warning detectors
- Bi-color LED light indicates lock status
- Compact surface-mount design
- Includes adjustable L & Z bracket
- Capable of releasing under door back pressure (pre-load) of up to 150lbs (70kg)
- Aluminum extrusion casing and anodized coated, high grade zinc plating on magnet and plate
- No residual magnetism
- Low energy consumption

How To Order

MEM2400



L and/or Z bracket

Exit Devices



RCI Exit Devices



120 Series Exit Bar

Non-latching exit bar.
2-1/2"H x 3-5/8"D (63.5mm x 92mm)



Warranty
3 Year Limited Warranty

- Ideal for easy egress to release electromagnetic lock
- 3A @ 30VDC (Inductive), 4A @ 30VDC (Resistive)
- Available in SPDT and 2SPDT
- Two standard bar lengths are offered – can be field cut for custom lengths

Model	Description	For Door Widths	Finish
120A-SS1	Non-latching exit bar with SPDT switch	24-36" (610-914mm)	28/40
L120A-SS1	Non-latching exit bar with SPDT switch	37-48" (940-1219mm)	28/40
120A-SS2	Non-latching exit bar with 2SPDT switch	24-36" (610-914mm)	28/40
L120A-SS2	Non-latching exit bar with 2SPDT switch	37-48" (940-1219mm)	28/40
120D-SS1	Non-latching exit bar with SPDT switch and camlock dogging	24-36" (610-914mm)	28/40
L120D-SS1	Non-latching exit bar with SPDT switch and camlock dogging	37-48" (940-1219mm)	28/40
120D-SS2	Non-latching exit bar with 2SPDT switch and camlock dogging	24-36" (610-914mm)	28/40
L120D-SS2	Non-latching exit bar with 2SPDT switch and camlock dogging	37-48" (940-1219mm)	28/40

RCI Exit Devices



1200 Series Mechanical Rim Exit Bar

Interlocking latch design.
2-1/2"H x 3-5/8"D (63.5mm x 92mm)



Warranty
3 Year Limited Warranty

- Weather resistant for outdoor use
- All devices re-latch
- Camlock and cylinder dogging available (for non-fire labeled doors)
- Choice of 3 alarm modules
- Two standard bar lengths are offered – can be field cut for custom lengths
- Non-handed
- High security, exceeding a 1" dead bolt
- Made in the USA
- UL certified ANSI/BHMA A156.3-2008, Grade 1
- UL Listed Fire Exit Hardware, 3 hour fire-rating

- UL Listed Panic Hardware
- Conforms to Positive Pressure Standards UL 10C & UBC 7-2
- Accepted by NYC MEA 337-92M



Options

- SS1A-10/20/30* – Signal Switch for models with alarm modules (SPDT)
- SS2A-20/30* – Signal Switch for models with alarm modules (2SPDT)
- LMS – Lock Monitor Switch. Rated 5A, 250V DC

How To Order

Model	Description	For Door Widths	Finish
1200A	Mechanical rim exit bar, no dogging	24–36" (610–914mm)	28/40
L1200A	Mechanical rim exit bar, no dogging	37–48" (940–1219mm)	28/40
1200C*	Mechanical rim exit bar cylindrical dogging exit device	24–36" (610–914mm)	28/40
L1200C*	Mechanical rim exit bar cylindrical dogging exit device	37–48" (940–1219mm)	28/40
1200D	Mechanical rim exit bar cam dogging exit device	24–36" (610–914mm)	28/40
L1200D	Mechanical rim exit bar cam dogging exit device	37–48" (940–1219mm)	28/40
1200F	Mechanical rim exit bar fire exit device	24–36" (610–914mm)	28/40
L1200F	Mechanical rim exit bar fire exit device	37–48" (940–1219mm)	28/40
1210A	Mechanical rim exit bar no dogging, alarm module (9V battery)	32–36" (813–914mm)	28/40
L1210A	Mechanical rim exit bar no dogging, alarm module (9V battery)	37–48" (940–1219mm)	28/40
1210D	Mechanical rim exit bar, camlock dogging, alarm module (9V battery)	32–36" (813–914mm)	28/40
L1210D	Mechanical rim exit bar, camlock dogging, alarm module (9V battery)	37–48" (940–1219mm)	28/40
1210F	Mechanical rim exit bar, fire doors, alarm module (9V battery)	32–36" (813–914mm)	28/40
L1210F	Mechanical rim exit bar, fire doors, alarm module (9V battery)	37–48" (940–1219mm)	28/40
1220A	Mechanical rim exit bar, alarm module (12-24VDC remote, 9V battery backup)	32–36" (813–914mm)	28/40
L1220A	Mechanical rim exit bar, alarm module (12-24VDC remote, 9V battery backup)	37–48" (940–1219mm)	28/40
1220D	Mechanical rim exit bar, camlock dogging, alarm module (12-24VDC remote, 9V battery backup)	32–36" (813–914mm)	28/40
L1220D	Mechanical rim exit bar, camlock dogging, alarm module (12-24VDC remote, 9V battery backup)	37–48" (940–1219mm)	28/40
1220F	Mechanical rim exit bar for fire doors, alarm module (12-24VDC remote, 9V battery backup)	32–36" (813–914mm)	28/40
L1220F	Mechanical rim exit bar for fire doors, alarm module (12-24VDC remote, 9V battery backup)	37–48" (940–1219mm)	28/40
1230A	Mechanical rim exit bar, with alarm module (12-24VDC remote)	32–36" (813–914mm)	28/40
L1230A	Mechanical rim exit bar, with alarm module (12-24VDC remote)	37–48" (940–1219mm)	28/40
1230D	Mechanical rim exit bar, camlock dogging, alarm module (12-24VDC remote)	32–36" (813–914mm)	28/40
L1230D	Mechanical rim exit bar, camlock dogging, alarm module (12-24VDC remote)	37–48" (940–1219mm)	28/40
1230F	Mechanical rim exit bar for fire doors, alarm module (12-24VDC remote)	32–36" (813–914mm)	28/40
L1230F	Mechanical rim exit bar for fire doors, alarm module (12-24VDC remote)	37–48" (940–1219mm)	28/40

Accessories

Model	Description
DDS	Double door strike, black oxide finish
SS1	Signal switch SPDT
SS2	Signal switch 2SPDT
SS1W	Signal switch SPDT weather-proof with mounting hardware

NOTES: Models with A,C or D Suffix: cULus Listed Panic Hardware, ANSI/BHMA A156.3-2001, Grade 1 Models with F Suffix: cULus Fire Exit Hardware rated 3-hours, ANSI/BHMA A156.3, Grade 1 Conforms to ANSI/UL10C and UBC 7-2 (1997)
Alarm cylinder not included.

RCI Exit Devices



1300 Series Electrified Rim Exit Bar

Interlocking latch design.
2-1/2"H x 3-5/8"D (63.5mm x 92mm)



Warranty
3 Year Limited Warranty

- Continuous-duty solenoid provides a remote unlock feature for controlled entry
- Field-selectable 12/24 VDC (800mA @ 12VDC, 400mA @ 24VDC)
- Weather resistant for outdoor use
- All devices re-latch
- Camlock and cylinder dogging available (for non-fire labeled doors)
- Choice of 3 alarm modules
- Two standard bar lengths are offered – can be field cut for custom lengths
- Non-handed
- High security, exceeding a 1" dead bolt
- Made in the USA
- UL certified ANSI/BHMA A156.3-2008, Grade 1
- UL Listed Fire Exit Hardware, 3 hour fire-rating
- UL Listed Panic Hardware
- Conforms to Positive Pressure Standards UL 10C & UBC 7-2
- Accepted by NYC MEA 337-92M

Options



- SS1A-10/20/30* – Signal Switch for models with alarm modules (SPDT)
- SS2A-20/30* – Signal Switch for models with alarm modules (2SPDT)
- LMS – Lock Monitor Switch. Rated 5A, 250V DC

How To Order

Model	Description	For Door Widths	Finish
1300A	Electrified rim exit bar, no dogging	24–36" (610–914mm)	28/40
L1300A	Electrified rim exit bar, no dogging	37–48" (940–1219mm)	28/40
1300C*	Electrified rim exit bar, cylindrical dogging	24–36" (610–914mm)	28/40
L1300C*	Electrified rim exit bar, cylindrical dogging	37–48" (940–1219mm)	28/40
1300D	Electrified rim exit bar, camlock dogging	24–36" (610–914mm)	28/40
L1300D	Electrified rim exit bar, camlock dogging	37–48" (940–1219mm)	28/40
1300F	Electrified rim exit bar for fire doors	24–36" (610–914mm)	28/40
L1300F	Electrified rim exit bar for fire doors	37–48" (940–1219mm)	28/40
1310A	Electrified rim exit bar, no dogging, alarm module (9V battery)	32–36" (813–914mm)	28/40
L1310A	Electrified rim exit bar, no dogging, alarm module (9V battery)	37–48" (940–1219mm)	28/40
1310D	Electrified rim exit bar, camlock dogging, alarm module (9V battery)	32–36" (813–914mm)	28/40
L1310D	Electrified rim exit bar, camlock dogging, alarm module (9V battery)	37–48" (940–1219mm)	28/40
1310F	Electrified rim exit bar for fire doors, alarm module (9V battery)	32–36" (813–914mm)	28/40
L1310F	Electrified rim exit bar for fire doors, alarm module (9V battery)	37–48" (940–1219mm)	28/40
1320A	Electrified rim exit bar, alarm module (12-24VDC remote, 9V battery backup)	32–36" (813–914mm)	28/40
L1320A	Electrified rim exit bar, alarm module (12-24VDC remote, 9V battery backup)	37–48" (940–1219mm)	28/40
1320D	Electrified rim exit bar, camlock dogging, alarm module (12-24VDC remote, 9V battery backup)	32–36" (813–914mm)	28/40
L1320D	Electrified rim exit bar, camlock dogging, alarm module (12-24VDC remote, 9V battery backup)	37–48" (940–1219mm)	28/40
1320F	Electrified rim exit bar, fire doors, alarm module (12-24VDC remote, 9V battery backup)	32–36" (813–914mm)	28/40
L1320F	Electrified rim exit bar, fire doors, alarm module (12-24VDC remote, 9V battery backup)	37–48" (940–1219mm)	28/40
1330A	Electrified rim exit bar, with alarm module (12-24VDC remote)	32–36" (813–914mm)	28/40
L1330A	Electrified rim exit bar, with alarm module (12-24VDC remote)	37–48" (940–1219mm)	28/40
1330D	Electrified rim exit bar, camlock dogging (12-24VDC remote)	32–36" (813–914mm)	28/40
L1330D	Electrified rim exit bar, camlock dogging (12-24VDC remote)	37–48" (940–1219mm)	28/40
1330F	Electrified rim exit bar for fire doors, alarm module (12-24VDC remote)	32–36" (813–914mm)	28/40
L1330F	Electrified rim exit bar for fire doors, alarm module (12-24VDC remote)	37–48" (940–1219mm)	28/40

Accessories

Model	Description
DDS	Double door strike, black oxide finish
SS1	Signal switch SPDT
SS2	Signal switch 2SPDT
SS1W	Signal switch SPDT weather-proof with mounting hardware

NOTES: Models with A,C or D Suffix: cULus Listed Panic Hardware, ANSI/BHMA A156.3-2001, Grade 1 Models with F Suffix: cULus Fire Exit Hardware rated 3-hours, ANSI/BHMA A156.3, Grade 1 Conforms to ANSI/UL10C and UBC 7-2 (1997) Alarm cylinder not included.

RCI Exit Devices



Exterior Trims

For 1200/1300 rim exit devices.

- Electrified option available
- UL certified ANSI/BHMA 156.3, Grade 1
- UL certified for fire doors

How To Order

Model	Description	Finish
01-LTD	Exit only	28/40
02P-LTD	Escutcheon with pull – thru-bolt mounted 1-15/16" W	28/40
03C-LTD	Escutcheon only – cutout for cylinder 1-7/8" W, thru-bolt mounted	28/40
03P-LTD	Escutcheon with pull – cutout for cylinder 1-15/16" W, thru-bolt mounted	28/40
08-L	Lever – field selectable handing LH/RH, cutout for cylinder, thru-bolt mounted 1-13/16" W, Std. LHR, field reversible to RHR	28/40
08N-L	Lever narrow – cutout for cylinder, for 2-1/8" stile, thru-bolt mounted 1-13/16" W, specify handing	28/40
08-EL	Electrified lever – field selectable handing LH/RH, cutout for cylinder, thru-bolt mounted 1-13/16" W, Std. LHR, field reversible to RHR, 24VDC standard (12VDC optional)	28/40
08N-EL	Electrified lever narrow – cutout for cylinder, for 2-1/8" stile, thru-bolt mounted 1-13/16" W, specify handing, 24VDC standard (12VDC optional)	28/40

NOTE: Cylinders not supplied with trim.

Power Supplies



RCI Power Supplies



DKPS-2A Power Supply

13- 5/16" x 17- 5/8" x 4- 5/16" (338mm x 448mm x 110mm)

	Energy Field-Selectable 2A at 12 or 24VDC		Warranty Lifetime Limited Warranty
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- Input = 100-240VAC, 50-60Hz. 2.4A Max. draw
- Output 2 Amps continuous supply current at Nominal 12/24 VDC
- 4 outputs each, with electronic over-current protection set at 2 Amp
- Built-in dedicated charger for sealed lead acid or gel cell type batteries
- Battery load and charge test every 48hr
- Battery Reversal protection
- Low Battery indication at 11.40/22.80 Volts
- Low Battery disconnect at 10.10/20.30 Volts
- Automatic switch over to stand-by battery upon AC Failure
- Common "Batt.Fault" CMOS relay and indicator for all battery and charger fault. 30VDC @ 60mA
- CMOS relay output and indicator for AC failure within 60 seconds. 30VDC @ 60mA
- LEDs display on enclosure door (Green, Yellow, Blue)
- Common "Out Fault" CMOS relay for DC failure on any of the 4 outputs. 30VDC @ 60mA
- Battery charging leads included
- FPDB (Fire Panel Disconnect Board) standard
- Tamper switch available (optional, but required when installation must meet UL294 Edition 6 or higher)



DKPS-4A Power Supply

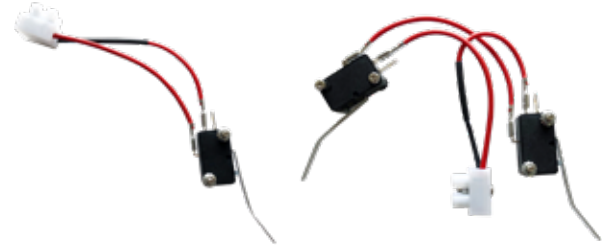
12-1/2"W x 12-1/2"H x 4"D (318mm x 318mm x 102mm)

	Energy Field-Selectable 4A at 12 or 24VDC		Warranty Lifetime Limited Warranty
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- Input = 100-240VAC, 50-60Hz. 1.8A Max. draw, fuse at 4 Amp
- Output 4 Amps continuous supply current Power Factor 0.6 at Nominal 12/24 VDC
- 8 outputs rated at 2.0 amps Max
- Built-in dedicated charger for sealed lead acid or gel cell type batteries
- Battery load and charge test every 48hr
- Battery Reversal protection
- Low Battery indication at 11.40/22.80 Volts
- Low Battery disconnect at 10/20.2 Volts
- Automatic switch over to stand-by battery upon AC Failure
- Common "Batt.Fault" CMOS relay and indicator for all battery and charger fault. 30VDC @ 60mA
- CMOS relay output and indicator for AC failure within 60 seconds. 30VDC @ 60mA
- LEDs display on enclosure door (Green, Yellow, Blue)
- Battery charging leads included
- FPDB (Fire Panel Disconnect Board) standard
- Tamper switch available (optional, but required when installation must meet UL294 Edition 6 or higher)



RCI Power Supplies



DKPS-6A Power Supply

13- 5/16" x 17- 5/8" x 4- 5/16" (338mm x 448mm x 110mm)



Energy
Field-Selectable
6A at 12 or 24VDC



Warranty
Lifetime Limited
Warranty

- Input = 100-240VAC, 50-60Hz. 2.5A Max. draw, fuse at 6 Amp
- Output 6 Amps continuous supply current Power Factor 0.6 at Nominal 12/24 VDC
- 8 outputs rated at 2.0 amps Max
- Built-in dedicated charger for sealed lead acid or gel cell type batteries
- Battery load and charge test every 48hr
- Battery Reversal protection
- Low Battery indication at 11.40/22.80 Volts
- Low Battery disconnect at 10/20.2 Volts
- Automatic switch over to stand-by battery upon AC Failure
- Common "Batt.Fault" CMOS relay and indicator for all battery and charger fault. 30VDC @ 60mA
- CMOS relay output and indicator for AC failure within 60 seconds. 30VDC @ 60mA
- LEDs display on enclosure door (Green, Yellow, Blue)
- Battery charging leads included
- FPDB (Fire Panel Disconnect Board) standard
- Tamper switch available (optional, but required when installation must meet UL294 Edition 6 or higher)

DKPS-TSW Tamper Switches

The tamper switch is a device that is designed to connect to the DKPS Power Supply. When installed, it signals a warning to authorized personnel if the metal enclosure has been removed from the wall and/or the door is not fully closed or secured.

DKPS-TSW1-02

Tamper switch for DKPS power supply enclosure door

DKPS-TWS2-02

Tamper switch for DKPS power supplies (enclosure door & installation)

Tamper switch is recommended but is required when the entire access control installation must meet UL294 Edition 6 or higher.







RCI Power Supplies Accessories



WPDT Wireless Power & Data Transfer

Transfers low voltage power and data signals without the use of hard wires.

 <p>Energy 12VDC/24VDC field selectable</p>	 <p>Energy Output amperage 600mA/12VDC 300mA/24VDC</p>
 <p>Energy Maximum input power 600mA @ 24VDC</p>	 <p>Warranty 5 Year Limited Warranty</p>

The RCI wireless power and data transfer (WPDT) is an innovative and less intrusive way of wirelessly transferring low voltage power and data signals between a door and frame.

Features

- Ideal for situations where power cannot be routed to an electric lock in the door.
- Enables less wire runs to various points of the door.
- Eliminates a power transfer hinge or other method of power transfer.
- Two-piece device has an RF receiver and transmitter - transmitter resides on the frame side while the receiver resides in the door.
- For fail secure devices only.
- Power is delivered to the transmitter that transfers power/data wirelessly to the receiver.
- Ability to monitor RX, LBM, DBM (max 2 signals)
- Status indicators (frame & door side).
- Monitoring function(s) report change of state of the lock switches back to a control panel.



9310RB Relay Board

Versatile and reliable board with input-output terminals designed to control low voltage supply.

2" x 1 9/16" x 3/4" (50 x 40 x 19mm)

	<p>Warranty 2 Year Limited Warranty</p>
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Features

- 12/24 Selectable
- Large screw terminals for ease of wire connection
- LED indicators
- SPDT output
- 10A Rated



RB-DPDT8A Relay Board

Versatile and reliable board with input-output terminals designed to control low voltage supply.

2 1/2" x 2" x 3/4" (62 x 54 x 19mm)

	<p>Warranty 2 Year Limited Warranty</p>
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Features

- 12/24 Selectable
- Large screw terminals for ease of wire connection
- LED indicators
- DPDT output
- 8A Rated

RCI Power Supplies Accessories



TD365 Day Timer

3-3/4"W x 4-11/16"H x 1"D
(95mm x 120mm x 25mm)

2
Year

Warranty
2 Year Limited Warranty

- 24 hour, 365 day timer for individual daily events
- 2 momentary or latching SPDT relays to control locks and other electronically controlled devices or
- 40 holidays and 99 user events
- Large alpha-numeric backlit LCD display for easy programming
- Lithium battery included
- "First Person In" feature to prevent unattended open doors
- High current capabilities
- EEPROM memory for safe storage of data (in the event of a power failure)
- Ideal for openings requiring scheduled access



PDM-4 Distribution Board

2-1/4"W x 3-3/4"H (56.5mm x 95.25mm)

PDM-8 Distribution Board

3-3/4"W x 4-3/4"H (95.5mm x 122mm)

PDM-8S Distribution Board

3-3/4"W x 4-3/4"H (95.5mm x 122mm)

2
Year

Warranty
2 Year Limited Warranty

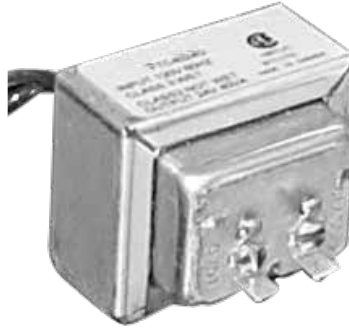
When installed into a power supply, servicing time can be greatly reduced by the output indicator LED's. If an output fuse is blown the accompanying LED will be off, simply identifying the device connected to this output. This will allow potential problems to be resolved quickly. In addition to short circuit protection, the input terminals also have a surge protector that can absorb a 1,500W spike or surge to protect connected devices.

- PDM-4 distributes a DC source into 4 outputs
- PDM-8 distributes a DC source into 8 outputs
- PDM-8S distributes up to 3 DC sources into 8 outputs
- The output voltage and total current available is determined by the input supply
- Separate red power indicator LED for each output
- UL 294 Listed for access control system unit
- CAN/ULC S319 Listed for access control system unit for Canada
- PDM-8S output is jumper selectable from 3 separate inputs

RCI Power Supplies Accessories



NOTE: T1002 shown



NOTE: T1005 shown

AC Plug-In Transformers

2-1/4"W x 3-3/16"H x 2"D (57mm x 81mm x 51mm)



Warranty
2 Year Limited Warranty

- Plug into a standard 115VAC outlet to provide low voltage AC output
- Thermally protected to prevent overload due to short

Model	Description	Output Voltage / Power
T1002	Plug-In Transformer CSA to UL 1310	12VAC-20VA
T1004	Plug-In Transformer CSA to UL 1310	16VAC-20VA
T1008	Plug-In Transformer CSA to UL 1310	24VAC-20VA

AC Wire-In Transformers

T1001: 2-1/4"W x 2"H x 2"D (57mm x 51mm x 51mm)
T1005 and T1009: 2-1/4"W x 2"H x 2-1/4"D (57mm x 51mm x 57mm)



Warranty
2 Year Limited Warranty

- For permanent installations requiring hard wiring

Model	Description	Output Voltage / Power
T1001	Wire-In/UL Transformer	12VAC-20VA
T1005	Wire-In Transformer CSA to UL 1585	16.5VAC-37VA
T1009	Wire-In Transformer CSA to UL 1585	24VAC-40VA



DC Plug-In Power Supply

1-5/8"W x 3"H x 1-3/8"D (41mm x 76mm x 35mm)



Warranty
2 Year Limited Warranty

- Plugs into a standard 115VAC outlet and provides a 12VDC output
- 6' Wire leads (1.8m)

Model	Description	Output Voltage / Power
T1003	Plug-In/UL Power Supply	12VDC-1.5A



Bridge Rectifiers

T10R1, T10R1-6: 3/16"D x 3/8" Dia. (4.75mm x 9.5mm)
T10R3, T10R3-6: 1/4"D x 5/8" Sq. (6.4mm x 16mm)



Warranty
2 Year Limited Warranty

- Converts non-filtered AC to DC for silent operation
- Shrink-connect leads on -6" leads

Model	Description	Output Voltage / Power
T10R1	Rectifier	1A
T10R1-6	Rectifier with 6" leads	1A
T10R3	Rectifier	3A
T10R3-6	Rectifier with 6" lead	3A

Door Controllers & Peripherals



Door Controllers & Peripherals



Keyscan LUNA SDACSKT Single Door Access Control Smart Kit

Keyscan LUNA is a new comprehensive software package designed to function with Keyscan LUNA solution for small access control installations. One software database can power up to 6 Keyscan SDAC access control units

Contains:

- One K-SMART3 reader
- 10 K-SECURE 1K credentials
- 1 PS1225 power supply
- Keyscan LUNA software
- Keyscan LUNA comprehensive software brings affordable access control security, accountability, and reporting to small businesses for a fraction of the cost of enterprise systems.
- To begin, simply download Keyscan LUNA software - no charge download from dormakaba.us.



K-SECURE Ten Pack Contactless Secure Smartcard

The Keyscan K-SECURE 1K Series of printable (ISO) style of Contactless Smartcard is equipped with numerous anticounterfeiting and card anti-duplication technologies and a robust AES multilayer encryption technology offering greater security.

- K-SECURE complies with international interoperability (ISO14443) standards for 3rd party applications and is ISO printable.
- They are available in Keyscan 36-bit format for even more security over standard 26-bit 125kHz credentials.



K-SMART3 Keyscan Smartcard BLE Reader

This Keyscan BLE-ready smartcard reader is a 13.56 high frequency reader that offers users the convenience of using smartcards and the new K-BLE mobile credentials.

- It features additional support for a built-in "heartbeat" that monitors the reader communication advising end-users if any type of optional reader tamper or if the reader cable is cut.
- May not work with non-Keyscan access panels without purchase of optional K-PC2 programming card to disable enhanced features. Suitable for indoor and outdoor applications.
- Keyscan ACU requires System Firmware V 9.39 or higher for use of "extra" features.



K-SECURE 1K Contactless Secure Smartcard

The Keyscan K-SECURE Series Contactless Smartcard is equipped with numerous anti-counterfeiting and card anti-duplication technologies and a robust AES multilayer encryption technology offering greater security.

- K-SECURE complies with international interoperability (ISO14443) standards for 3rd party applications and is ISO printable.
- They are available in Keyscan 36-bit format for even more security over standard 26-bit 125kHz credentials.
- Also available in 4K memory.

Door Controllers & Peripherals



K-SMART3 Keyscan Reader Programming Card

Optional reader read range programming cards may be presented to a properly installed, powered and functioning K-SMART3 reader after power up.

- Card will toggle the BLE read range settings to one of 4 settings - short, medium, long and maximum. Not required for default BLE operation on K-SMART3 readers.
- Works with all Keyscan default K-SMART3 site key readers.



K-SF-1K Keyscan Smart Fob 1K

The Keyscan K-SECURE series Smart Fob offers the same functionality and high security of the K-SECURE contactless smartcard. .

- It includes the same numerous anti-counterfeiting and anti-duplication technologies as well as the robust AES multilayer encryption technology offering greater security.
- Keyscan smart Fob complies with international interoperability (ISO14443) standards for 3rd party applications.
- They are available in Keyscan 36-bit format for even more security. It is the ideal credential alternative to traditional card credentials.



SDRA Antenna

Your Keyscan LUNA SDAC communicates via Wi-Fi through an antenna. This replacement SDAC antenna is approved and guaranteed to function with your Keyscan LUNA SDAC.

- Any other antenna purchased from any source may cause damage, unintended results or may not functional at all and will void your SDAC warranty.



PS1225 Plug in transformer

The PS1225 is a replacement 12VDC plug-in switching transformer for the SDACSKT (SDAC Kit). Plugs into standard 120 Vac outlet and provides up to 2.5 amps. Has 60" of 18 Gauge cable for mounting close to SDAC control. Has 2.1 mm barrel power connector. Center positive.

- For replacement of transformer provided in the SDACSKT.



Terms & Conditions

TERMS AND CONDITIONS

1. **Acceptance.** The following Terms and Conditions of sale are applicable to all Quotations, Contract, Purchase Orders, Order Acknowledgement Forms, and sales of Seller's services and products, and are the only applicable terms and conditions thereto, except for terms establishing prices, quantities, delivery schedules, terms of payment, invoicing, shipping instructions, and the identification of the products associated with each transaction. If any conflict exists between the Terms and Conditions and a Quotation, Purchase Order, Order Acknowledgment form, or sale, these Terms and Conditions shall prevail BY REQUESTING A QUOTATION OF ORDERING ANY PRODUCTS OR SERVICES FROM SELLER, BUYER AGREES TO ALL THE FOLLOWING TERMS AND CONDITIONS. If a written contract signed by both parties is in existence covering the sale of the goods and services, the terms and conditions of the contract shall control to the extent they are inconsistent with these Terms and Conditions.

1. **Order Procedure.** Buyer may or may not request the preparation of a Quotation prior to ordering any products or services from Seller. Buyer then shall place a Purchase Order with Seller. By placing a Purchase Order, Buyer makes an offer to purchase products or services from Seller pursuant to these Terms and Conditions. Seller, in its discretion, may accept or reject the Purchase Order. If Seller accepts the Purchase Order, Seller shall issue an Order Acknowledgement Form confirming Buyer's order. No Purchase Order is binding on Seller unless accepted by Seller as provided in these Terms and Conditions.

2. **Quotations.** All Quotations by Seller are subject to change or withdrawal without prior notice to Buyer unless otherwise specifically stated in the Quotation. All resulting Purchase Orders become effective only if and when approved and accepted in writing by Seller by the issuance of its Order Acknowledgement Form. Seller reserves the right to discontinue manufacture of any products or change products materials, design, or specifications without notice.

3. **Site Requirements.**

a. The Quotation is contingent upon all work being performed during normal business hours unless otherwise negotiated and a mutually agreeable schedule. The Quotation is calculated on one continuous installation engagement based on acceptable site conditions where other dependent scopes have completed preparation for proposed materials (i.e. electrical work, floor work, adjacent construction). When Buyer has given authorization for work to begin, no other scopes may impede Seller's ability to complete installation in agreed upon area. Seller reserves the right to invoice for costs that are incurred due to unacceptable site conditions or delays by others resulting in additional installation visits.

b. Signed acceptance by Buyer of shop drawings and/or submittals shall be interpreted as acceptance that proposed scope is the correct interpretation of construction documents. Any field verification and/or work required by others as detailed in the submittal will be provided and coordinated by Buyer. Work shall not begin nor shall orders be placed for any projects until all shop drawings and submittals have been approved in writing by Buyer.

4. **Warranty.** For a period of twelve (12) months from the date of delivery, Seller warrants only that all products sold pursuant to a Quotation or Purchase Order will conform to the description in this Price Book and will be free from defects in workmanship and materials. Extended warranties are available for an additional cost. Seller is not responsible for defects or damages caused by wear and tear, consumable materials, vandalism, fires, storms, floods, acts of God, misuse, abuse or alteration by any company other than Seller. Seller further warrants that Buyer will receive good and valid title to the products. Any claim on account of nonconforming or defective products or for any other cause whatsoever shall conclusively be deemed waived by Buyer unless written notice thereof is given to Seller promptly after discovery but no later than sixty (60) days from date of shipment. Seller shall have the right either to replace or repair any nonconforming or defective products, to refund the purchase price upon return of the products, or to grant a reasonable allowance on account of such nonconformance or defect Seller's liability and Buyer's exclusive remedy for nonconforming or defective products shall be limited solely to replacement, repair, refund, or allowance as Seller may elect. Seller shall be given reasonable opportunity to investigate all claims and no materials shall be returned to Seller until after inspection and approval by Seller and receipt by Buyer of written shipping instructions from Seller. Buyer acknowledges and agrees that the remedies set forth in this paragraph are Buyer's exclusive remedies for the delivery of nonconforming or defective products.

Additional Warranties

a) No credit will be provided for any work completed by others during warranty term.

b) Warranty work will be performed during normal business hours with our standard response times. Any warranty work taking place beyond normal business hours or with expedited response time may be billable.

c) Products repaired or replaced under the warranty are warranted only through the remainder of the original warranty period.

DISCLAIMER OF FURTHER WARRANTIES. EXCEPT AS SET FORTH ABOVE, THERE IS NO WARRANTY, REPRESENTATION, OR CONDITION OF ANY KIND, EXPRESS OR IMPLIED (INCLUDING NO WARRANTY OF MERCHANTABILITY OR FITNESS OF THE PRODUCTS FOR ANY USE CONTEMPLATED BY BUYER) CONCERNING SELLER'S PRODUCTS OR SERVICES AND NONE SHALL BE IMPLIED BY LAW.

5. **LIMITATION OF LIABILITY AND REMEDIES.** SELLER SHALL NOT BE LIABLE, AND BUYER WAIVES ALL CLAIMS AGAINST SELLER FOR ANY INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES, INCLUDING WITHOUT LIMITATION, LOST REVENUES AND PROFITS EVEN IF SELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. BUYER'S EXCLUSIVE REMEDY FOR ANY CAUSE OF ACTION UNDER THESE TERMS AND CONDITIONS IS A CLAIM FOR DAMAGES AND IN NO EVENT WILL DAMAGES OR ANY OTHER RECOVERY OF ANY KIND AGAINST SELLER EXCEED THE PURCHASE PRICE OF THE SPECIFIC PRODUCTS OR SERVICES AS TO WHICH THE CLAIM IS MADE. SELLER WILL NOT BE LIABLE TO BUYER FOR ANY LOSS, DAMAGE, OR INJURY TO PERSONS OR PROPERTY RESULTING FROM THE HANDLING, STORAGE, TRANSPORTATION, RESALE, OR USE OF THE PRODUCTS IN MANUFACTURING PROCESSES, OR IN COMBINATION WITH OTHER SUBSTANCES, OR OTHERWISE.

6. **Intellectual Property Indemnification.** (a) Seller agrees to defend, indemnify and hold Buyer harmless against any claims, costs, damages, liability and expenses resulting from actual or alleged patent, trademark, or copyright infringement, misappropriation of confidential information, or violation of any other intellectual property right, domestic or foreign, in the selling or use of any part or product that is owned by Seller and that pertains to the subject matter of a Quotation, Purchase Order, or sale of products or services (provided that the product is not modified in anyway by Buyer or any other party, and that the product is used in the manner intended by Seller). If a suit or claim results in any injunction or any other order that would prevent Seller from supplying any product falling under a Quotation, Purchase Order, or sale, or if the result of such a suit or claim would, in the reasonable opinion of Seller, otherwise cause Seller to be unable to supply such products, Seller shall have the right, at its option, if it so chooses, to do one or more of the following: (i) secure an appropriate license to permit Seller to continue supplying the products to Buyer; (ii) modify the relevant product so that it becomes non-infringing, provided that any modification does not cause any material change to the operation or performance of the product; or (iii) replace the relevant product with a non-infringing but practically equivalent product. (b) Buyer agrees to defend, indemnify, and hold Seller harmless against any claims, costs, damages, liability and expenses resulting from actual or alleged patent, trademark, or copyright infringement, misappropriation of confidential information, or violation of any other intellectual property right, domestic or foreign, in the making, using or selling of any product or using any process that is owned by Buyer or is designed or specified by Buyer and that pertains to the subject matter of a Quotation, Purchase Order, or sale.

7. **Ownership of Inventions.** All drawings, know-how, designs, confidential information, and the like disclosed to Buyer by Seller and all rights therein will remain the property of Seller. Buyer shall have no claim to, ownership interest in, no license to, or no rights to any information provided or communicated by Seller.

8. **Lead Times.** If applicable, lead times are based on standard requirements by factory to provide materials proposed. Ship dates will be provided as estimate only once order is placed with the factory. Adequate packaging will be provided for any normal shipping circumstance such that materials will be protected and labeled as required. Special packaging may be provided for an additional expense. Shipping will be cost effective unless expedited fees are accepted by Buyer. If materials are to be provided to job site or Buyer location, Seller will make an informed decision as to the best instruction to provide the shipping company. If materials are not required to have direct delivery, materials will be brought to branch for pickup by Buyer. All freight terms shall be FOB. Any claims for damage in transit or lost freight, receiving, and inspection of materials is the responsibility of Buyer. It is a requirement of Buyer to inspect and review all materials prior to accepting shipment.

9. **Title/Risk of Loss.** All products shall be shipped FOB Seller's manufacturing facility to Buyer's designated delivery location. Unless otherwise agreed by the parties, Seller shall select the method of and carrier for the products. Seller reserves the right to ship items in a single or in multiple shipments. Title and risk of loss to products ordered passes to Buyer upon delivery of the products to the freight carrier. Unless mutually agreed upon in writing, shipping dates are approximate and are based upon prompt receipt of all necessary information.

10. **Prices.** Quoted price is valid for 90 days. Seller reserve the right to revise quotations after the 90 days. All accepted Purchase Orders are subject to Seller's price in effect at time of shipment. Buyer shall be responsible for any increase in freight rates or transportation charges occurring after Seller prepared the Order Acknowledgment Form. on the Order Acknowledgment Form. Buyer shall pay to Seller in addition to the purchase price the amount of all fees, duties, licenses, and all sales, use, privilege, occupation, excise, or other taxes, federal, state, local, or foreign which Seller is required to pay or collect in connection with products or services sold to Buyer.

11. **Payments.** Unless otherwise agreed in writing between the parties, all Seller's invoices are payable within thirty (30) days of their date. Time is of the essence. Interest on past due amounts will be assessed at the rate of 1.5% per month (18% per annum), or the maximum allowable by law.

Seller reserves the right to full payment upon completion of work unless credit is pre-established. For any work requiring materials purchase or scheduling, a 50% deposit is due at time of proposal acceptance. Twenty percent (20%) of the Quotation, Purchase Order value may be billed after job award. Joint check agreements may be requested at the discretion of Seller. If payment is outstanding for any one account, work may be stopped and outstanding orders cancelled until account is restored. Should Seller require the use of collection, attorney's fees, or fees for insufficient funds, Buyer agrees that these funds will be repaid to Seller. Seller retains the right to file a lien against all or part of the property being improved. Seller reserves the right to add a 2.5% charge if invoice becomes delinquent beyond terms.

12. Cancellation. In the event a Buyer's Purchase Order and the issuance of an Order Acceptance Form is cancelled, it will be subject to standard 20% restocking fees, cancellation fees, engineering fees, materials & freight costs incurred, and administrative fees. Standard cancellation is 20% of order as long as no materials have been ordered. Should Buyer release material orders, Buyer will be liable for that portion of the job and 20% of the remaining amount of work unperformed/unordered.

13. Storage. If applicable, Seller reserves the right to implement a storage fee if delivery is delayed after agreed upon date. Should project timeline require storage of materials, Seller reserves the right to bill for those materials at the time they have been received at a Seller location, Buyer location, or at job site. Certificate of insurance for stored materials can be provided to Buyer upon request. Signed acceptance by Buyer of shop drawings and/or submittals shall be interpreted as acceptance that proposed scope is the correct interpretation of construction documents. Any field verification and/or work required by others as detailed in the submittal will be provided and coordinated by Buyer.

14. Insolvency. Seller may, at any time or times, suspend performance of any order or require payment in cash, security, or other adequate assurance satisfactory to Seller when, in Seller's opinion, the financial condition of Buyer or other grounds for insecurity, including the filing of a petition for bankruptcy, warrant such action.

15. Force Majeure. Seller shall not be liable for any delay in fulfilling any order due to (a) fires, floods, strikes, or other labor disputes, accidents to machinery, acts of sabotage, riots, precedence or priorities granted at the request or for the benefit, directly or indirectly, of the federal or any state government or any subdivision or agency thereof, delays in transportation or lack of transportation facilities, restrictions imposed by federal or state legislation or rules of regulations thereunder; or (b) any cause beyond the control of Seller.

16. Ownership of Equipment. Unless otherwise agreed in a writing, all material, equipment, facilities, and special tooling, which term includes but is not limited to jigs, dies, fixtures, molds, patterns, special taps, special gauges, special test equipment, and manufacturing aids and replacements thereof, used in the manufacture of the products covered by any order shall remain the property of Seller. Any material, tooling, and equipment furnished to Seller by Buyer shall be and remain the personal property of Buyer with the title to and right of possession remaining in Buyer.

17. Confidential Information. All information furnished or made available by Seller to Buyer in connection with a transaction shall be held in confidence by Buyer. Buyer agrees not to use such information or disclose such information to others without Seller's prior written consent. The obligations of this paragraph does not apply to any information which (a) at the time of disclosure was, or thereafter becomes, generally available to the public by publication or otherwise through no breach by Buyer of any obligation herein, (b) Buyer can show by written records was in Buyer's possession prior to disclosure by the disclosing party, (c) is legally made available to Buyer by or through a third party having no direct or indirect confidentiality obligation to Seller with respect to such information, (d) was independently developed by Buyer without use of any of Seller's confidential information, or (e) is required to be disclosed pursuant to applicable law.

18. Waiver. No waiver by Seller of any of these Terms and Conditions shall be effective unless explicitly set forth in writing and signed by Seller. No failure to exercise, or delay in exercising, any rights, remedy, power, or privilege arising from these Terms and Conditions shall operate or be construed as a waiver thereof, nor shall any single or partial exercise of any right, remedy, power, or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, remedy, power or privilege.

19. Assignment. No assignment of any right or interest or delegation of any obligation or performance of Buyer under this order may be made without the prior written consent of Seller. Any attempted assignment or delegation will be wholly void and totally ineffective for all purposes.

20. Choice of Law. All sales, agreements for sale, offers to sell, proposals, acknowledgments and contracts of sale, including, but not limited to, Purchase Orders accepted by Seller, shall be considered a contract under the laws of the State of Delaware, and the rights and duties of all persons, and the construction and effect of all provisions hereof, shall be governed by and construed according to the laws of the State of Delaware.

21. Integration Clause. These Terms and Conditions constitute the entirety of terms and conditions, except as set forth in paragraph one, governing the sale and purchase of products and services sold by Seller. No modification of these Terms and Conditions shall be of any force or effect unless in writing and signed Seller and Buyer. Buyer may desire to utilize its own form of acknowledgment or acceptance of these Terms and Conditions. However, the use of any such form shall be for convenience only. No modification of these Terms and Conditions shall be affected by the acknowledgment or acceptance of purchase orders, shipping instruction forms, bills of lading or any other document containing terms or conditions at variance with or in addition to those set forth herein, all such varying or additional terms being hereby objected to and rejected by Seller and deemed to be waived by Buyer.

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