

eForce[®] 3090P, 3090C Keyless Entry

The eForce 3090P (Prox) and 3090C (iCLASS[®] Keyless Entry Control for Adams Rite deadlocks, deadlatches and exit devices provides hardwired security with HID[®] Prox or iCLASS contactless card reader.

Function

The eForce 3090P and 3090C Keyless Entry Controls are hardwired keyless entry trim for Adams Rite deadlocks, deadlatches and exit devices. Ideal for both exterior and interior aluminum and hollow metal door applications.

The **eForce 3090P Keyless Entry Control uses HID[®] Prox** contactless card reader for easy integration with existing credential systems. Direct Wiegand output allows for easy interface with any Wiegand-compatible access control system to accommodate flexible user access management.

The **eForce 3090C Keyless Entry Control uses HID[®] iCLASS** contactless card reader for easy integration with existing credential systems. Easily interfaces with access control systems to accommodate flexible user access management.

Operation

When an authorized card is presented, an audible beep and visual change in the red/green LED indicator confirms authorization. A high-speed motor engages an internal clutch to enable the exterior lever operation. When released, lever returns to horizontal. Clutching action prevents damage to internal components. Upon timeout, the lever operation is disabled until the next authorized card presentation or key override. The MS Deadlocks must always be relocked manually when used with the eForce 3090P, 3090C Keyless Entry Trim. Hardwired installation: 18-22 AWG recommended (seven conductor stranded and shielded). 500 ft maximum distance to host. 3090P, 3090C Keyless Entry accept any standard mortise cylinder with MS[®] cam, available separately.



Certifications

FCC Compliant

Features

- Surface mounted with concealed fasteners. Suitable for 1-3/4" to 2-1/4" [44.5 mm to 57.2 mm] door thickness.
- Interfaces with any Wiegand-compatible access control
- Key override via mortise cylinder; 1" to 1-1/2" [25.4 mm to 38.1 mm] length with MS® cam (available separately)
- Audit trail limited by EAC

Monitoring

Request to Exit (sold separately); door position

Specifications

Housing

Measures 1-3/4" [44.5 mm] wide x 15-3/8" [390.5 mm] high.

Handle

Clutch-protected cast zinc alloy, finished to match housing; field selectable handing.

Operating Temperatures

Full outdoor rating; Temperature range from -31 to +151F [-35 to +66C] and 5-95% humidity (non-condensing)

Standard Package

Individually boxed with mounting hardware for 1-3/4" [44.5 mm] to 2-1/4" [57.2 mm] door thickness.

Shipping weight

5-1/2 lbs [2.49 kg]

Electrical

3090C iCLASS

- Integrated HID® 13.56 MHz iCLASS reader
- Supports credentials*:
 - iCLASS® (ISO 15693)
 - CSN Read Only: MIFARE DESfire® EV1 and MIFARE Classic (ISO 14443A), Sony Felica (ISO 14443C)
- 12 VDC/150 mA average, 300 mA peak

3090P Prox

- Integrated HID® 125 KHz Prox contactless card reader
- Supports credentials*: HID Prox
- 12 VDC/150 mA average, 300 mA peak

*For information on migrating from one card technology to another or dual-technology card support, please contact 800-810-WIRE

Options

- Cable Extension Kit 3090-CABLE with connectors allow for 12 ft wiring to run from installation site to hub, available separately.
- Available in choice of powder coat 121 to match 313 Dark bronze anodized, or US26D (626) Satin chrome.

How to Order, Related & Compatible Products

3090P, 3090C eForce® Keyless Entry: Specify quantity and the following information. Order related products separately.

MODEL	CREDENTIAL	COMPATIBLE PRODUCTS	FINISH
3090	P	-01	-626
	P 125 kHz HID® Prox	01 Adams Rite latches or 8000 Series Exit Devices, Yale 7200 series, Corbin Russwin ED4000 series exit devices only	121 To match 313 Dark Bronze Anodized
	C 13.56 MHz HID iCLASS	02 Adams Rite MS® deadlocks	626 Satin Chrome

RELATED

When purchasing this product, please consider the following related products, available separately:

ACCESSORIES	CYLINDER	POWER
3090-CABLE 12' Cable Extension Kit	Standard 1" length, 1-5/32" diameter mortise cylinder with MS® cam such as 4036 Mortise Cylinder	PS-1 Power Supply, 4612 Power Transfer Device

COMPATIBLE

DEADLOCKS	DEADLATCHES	EXIT DEVICES
MS1850S, MS1850S-050, MS1850SN, MS1850SN-050, MS1950, MS1950-050 Series Deadlocks	4510, 4530, 4900, 4920AN Series Deadlatches	8100, 8200 SVR, 8300, 8400 Mortise, 8500, 8600 CVR, 8700, 8800 Rim, 8900 SCVR Exit Devices with 31/32" backset or greater. Yale 7200 Series, Corbin Russwin ED4000 Series. Please check model number for availability.

