End-of-Line Resistors for EcoFlex™ Electrified Mortise Locks (NAC only) and Integrated Wired (Access 600 RNE1, SE LP10) Mortise Locks Installation and Wiring Instructions

FM406 06/20

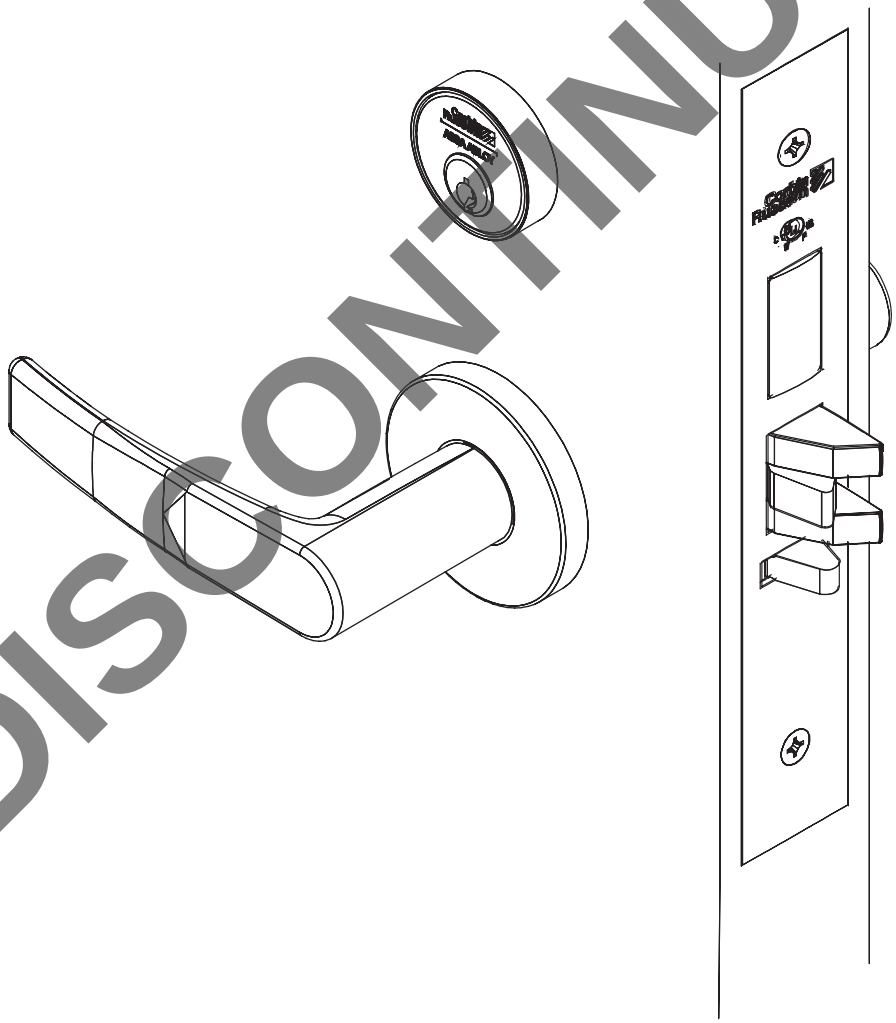
Attention Installer

Please read these instructions carefully to prevent missing important steps.

Please Note: Improper installations may result in damage to the lock and void the factory warranty.

Important: The accuracy of the door preparation is critical for proper functioning and security of this lock.

Misalignment can cause premature wear and a lessening of security.



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Corbin Russwin
ASSA ABLOY

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1) Warning

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced TV technician for help

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme avec la norme NMB-003 du Canada.

Observe precautions for handling electrostatic sensitive devices.

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2) General Description

The EcoFlex mortise lock platform, including Corbin Russwin Access 600 (TCRNE1) and SE LP10 Integrated Wired mortise locks, is now available with internal end-of-line resistors for comprehensive monitoring of the circuit between the access control panel and lock.

Integrating the end-of-line resistors into the lock not only eliminates the risk of undetected tampering, but reduces installation costs, simplifies specification, and offers the assurance of a factory-installed and tested product.

3) Installation Instructions

1. EAC Resistor Configurations (see reverse page for wiring diagrams)

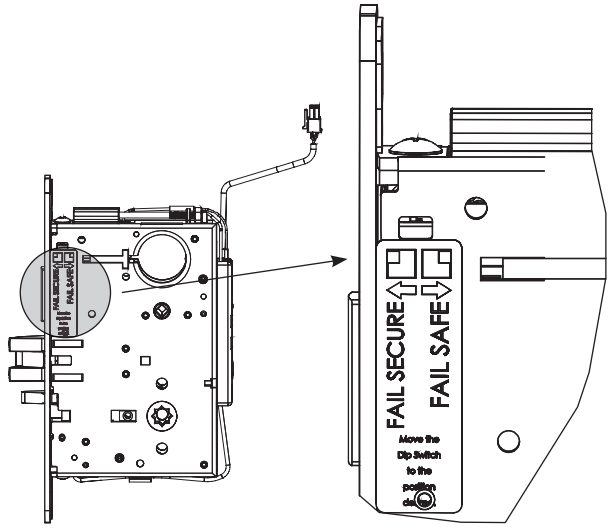
- R01: Mercury/Lenel Standard 1K/2K
- R03: Software House Standard 1K/2K
- R04: AMAG 4-State supervision

NOTE: End-of-Line Resistor harnesses are designated by blue shrink-tubing

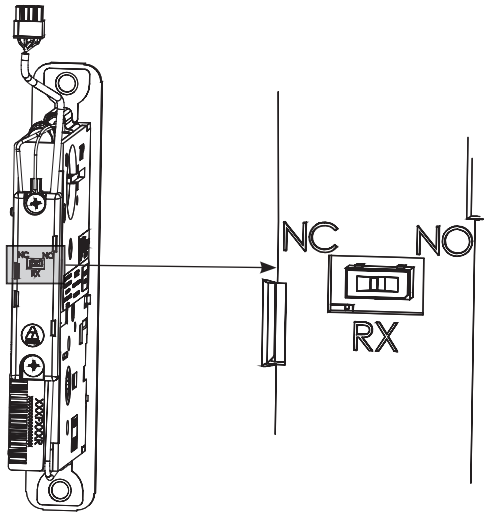
ID	OEM	Description	Tamper			Normal		Tamper			Normal	
			REX	Short	Open	Secure	Alarm	DPS	Short	Open	Secure	Alarm
R01	Mercury/Lenel	Standard 1K/2K	NO	0Ω	∞Ω	2KΩ	1KΩ	NC	0Ω	∞Ω	1KΩ	2KΩ
R03	Software House	Standard 1K/2K	NO	0Ω	∞Ω	1KΩ	500Ω	NC	0Ω	∞Ω	1KΩ	2KΩ
R04	AMAG	4-State Supervision	NO	0Ω	∞Ω	10KΩ	5KΩ	NC	0Ω	∞Ω	4.7KΩ	9.4KΩ

2. Configuring the Fail Safe/Fail Secure and RX DIP switch settings:

Please note that the lock must be cycled once in order for setting changes to take effect.



Check polarity:
Verify + (red) wire



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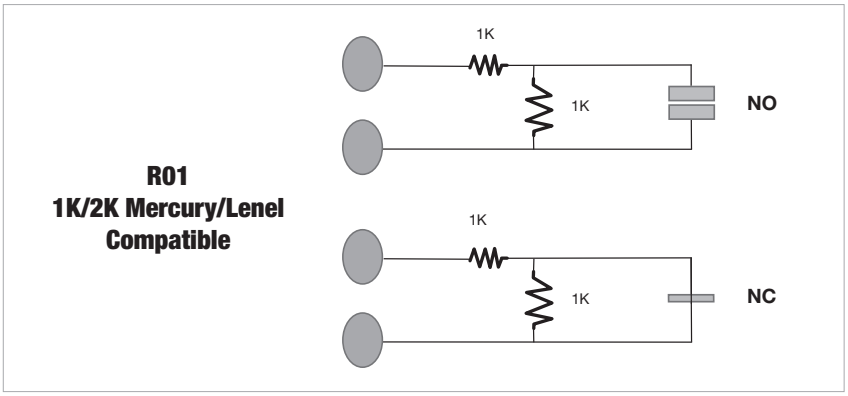
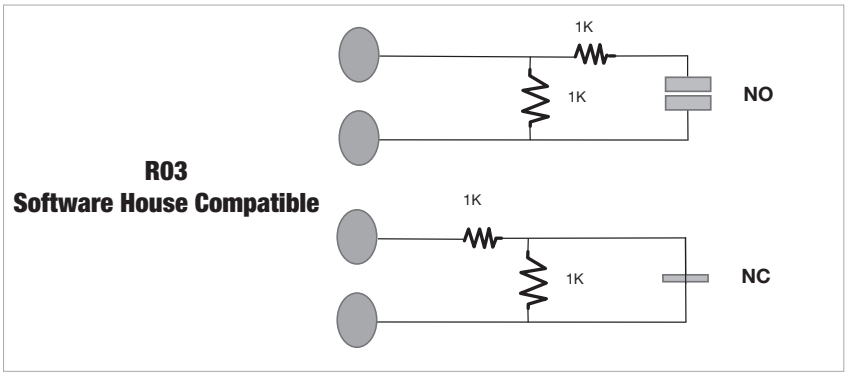
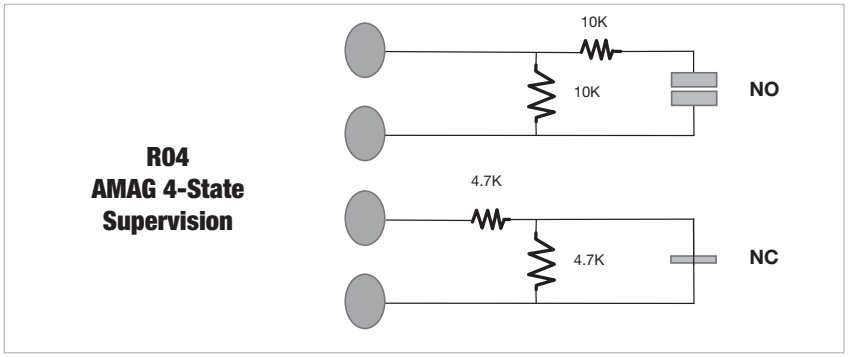
4) Wiring Diagrams

1. Wiring Diagrams

There are three primary resistor configurations available:







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