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

SARGENT
ASSA ABLOY

1. Description

The EcoFlex mortise lock platform, including SARGENT Harmony 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.

2. 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

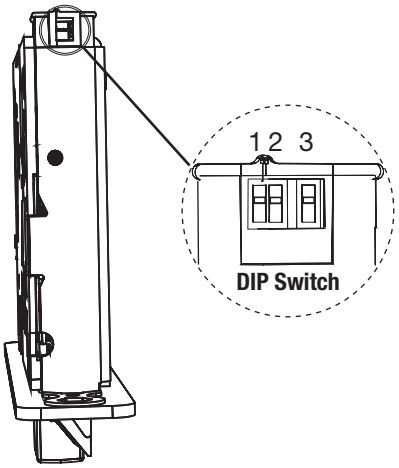
NOTE: End-of-Line Resistor harnesses are designated by blue shrink-tubing

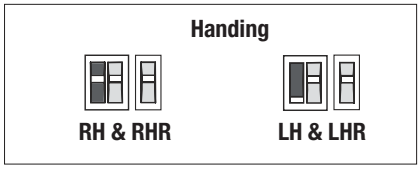
ID	OEM	Description	Tamper			Normal		Tamper			Normal	
			REX	Short	Open	Secure	Alarm	DPS	Short	Open	Secure	Alarm
R01	Mercury/Lenel	Standard 1K/2K	NO	0Ω	∞Ω	2KΩ	1KΩ	NC	0Ω	∞Ω	1KΩ	2KΩ
R03	Software House	Standard 1K/2K	NO	0Ω	∞Ω	1KΩ	500Ω	NC	0Ω	∞Ω	1KΩ	2KΩ
R04	AMAG	4-State Supervision	NO	0Ω	∞Ω	10KΩ	5KΩ	NC	0Ω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

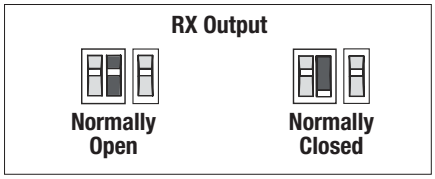
3. Configure DIP Switch Settings

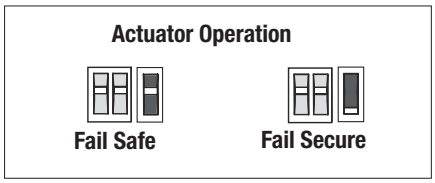
IMPORTANT:

This product is built and factory tested to the configuration specified. Any change to the 3-position DIP-switch settings located at the bottom of the mortise lock body must be made prior to lock installation.









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4. Wiring Diagrams

There are three primary resistor configurations available: