



RLBD

AD-Series Dry Contact Relay Board

Overview

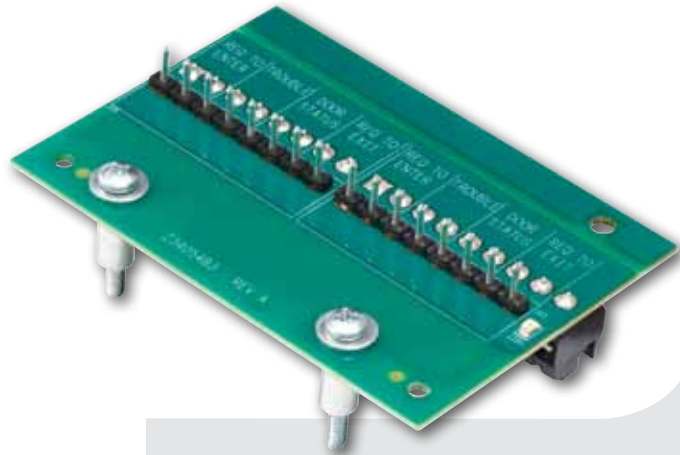
The Schlage AD-Series Relay Board (RLBD) supports the open architecture of AD-Series by building a bridge between Schlage technology and third party access control systems that use mechanical, relay-based communication.

The RLBD relay board is used to extend the existing access point status signals on PIM400-TD2 (for AD-400 applications) or PIB300-2D (for AD-300 applications) devices for each access point controlled by the Interface Module.

The optional RLBD relay board removes the need for custom wired relays which can be cumbersome to source, complicated to install, and difficult to troubleshoot. The use of this board over custom wired solutions increases system reliability and reduces installation labor.

The RLBD is not required for integration with Schlage **bright blue**® or other access control systems that use signal based communication such as RS485 & Wiegand.

Note: The RLBD does not use mechanical relays which may have different electrical tolerances. Please consider RLBD electrical specifications when implementing this device with another system.



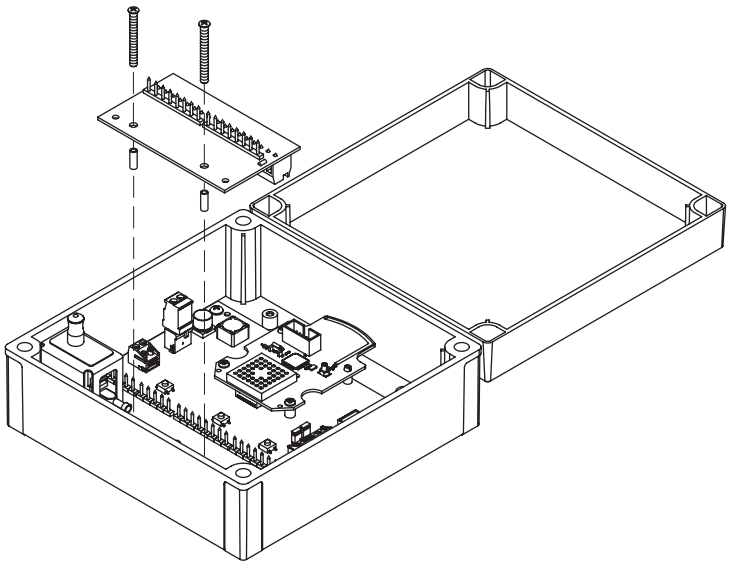
Features and Benefits

- Use with PIM400-TD2 or PIB300-2D
- Red LED light indicates power status
- Longer cycle lifetime than traditional mechanical-based relay solutions

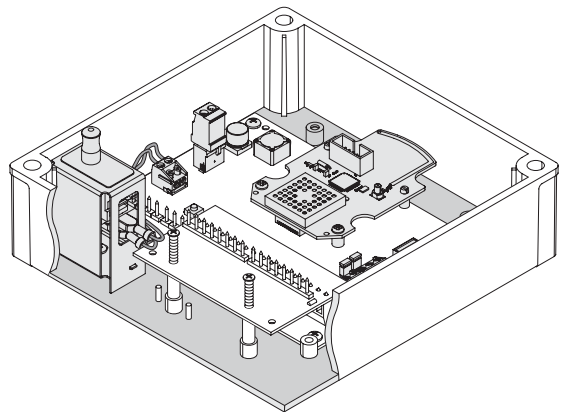
Access Point Status Signals

- Request-to-Enter
- Request-to-Exit
- Door Position/Status
- Tamper Switch

RLBD Specifications	
Voltage Maximum (contact-to-contact)	28V
Input Current Maximum	400mA
“Open” State Resistance	5 mega-ohms
“Closed” State Resistance	2 ohms
Dimensions (HWD)	2.1” x 3.5” x 1.0” (5.33 cm x 8.89cm x 2.54 cm)
Weight	0.125 lb (56.7 g)
Operating Temperature	-31°F to 151°F (-35°C to 66°C)
Operating Humidity	0-100% condensing



Installation of RLBD in a PIM400-TD2



RLBD Installed in PIM400-TD2

ORDERING INFORMATION:
 Available through one of our GSA Schedule 84 approved distributors

