

Standard application

Corridor traffic control

Double doors can often be used to control traffic in a hallway or corridor. Electronic trim can be utilized to ensure that only authorized individuals have access to secure areas and can enable centralized lockdown at a moment's notice.



Benefits of AD Series locks



The AD Series combines the electrified lock, reader, door position and REX switches together into one device for simplified installation and connection to the access control panel. Hardwired and wireless options are available.

Featured products

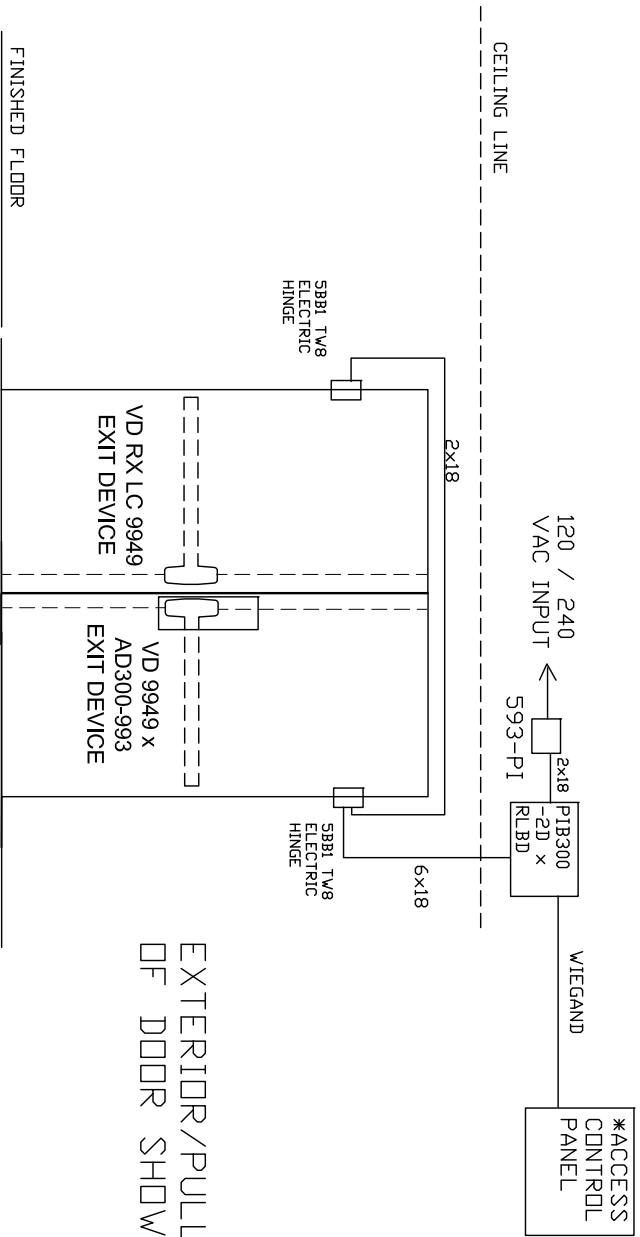
- 1 Von Duprin RX 9949 series exit device
- 2 Schlage AD-300-993R hardwired electronic exit trim
- 3 Schlage PIB300-2D panel interface board* (not shown)
- 4 LCN 4030 closer (not shown)
- 5 Ives 5BB TW8 electrified hinge

* Required for Wiegand applications. AD-300 hardwired devices can be connected direct to the ACP via RS-485. See AD Series access control alliances info for specific integration details.

Ideal for

- Hospitals
- Surgical centers
- Medical office buildings

THIS DIAGRAM REPRESENTS A GENERIC CONFIGURATION. CUSTOM WIRING DIAGRAMS CAN BE ACQUIRED BY CONTACTING TECHNICAL SUPPORT.



NOTE:
*ADDITIONAL WIRING IS REQUIRED. SEE MANUFACTURER INSTALLATION INSTRUCTION

EXTERIOR/PULL SIDE
OF DOOR SHOWN

- NOTES:
- 1) ALL LOW VOLTAGE WIRING TO BE STANDARD, MULTI-CONDUCTOR COLOR CODED WITHOUT SPLICES.
 - 2) WIRING TO CONFORM TO APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL CODES.
 - 3) REFER TO SPECIFIC PRODUCT INSTALLATION INSTRUCTIONS FOR SPECIFIC WIRING REQUIREMENTS.
 - 4) THIS DRAWING IS FOR GRAPHICAL REPRESENTATION OF PRODUCTS DETAILED IN THE HARDWARE SET ONLY.
 - 5) * CONDUCTOR COUNT AND CONNECTIONS TO BE DETERMINED BY ACCESS CONTROL PANEL PROVIDER.

HARDWARE USED:		OPERATION:	
1 VD 9949 X AD300-993 1 RX-LC 9949-ED 2 58B1 TV8 HINGES 1 PIB300-2D X RLB D 1 593-PI 1 GENERIC OPEN ARCHITECTURE ACP BY OTHERS		RX-LC 9949 WITH AD300-993 COMMUNICATES TO GENERIC ACP BO BY WAY OF PIB300-2D TO DETERMINE IF ACCESS WILL BE GRANTED TO OPENING. RX-LC INACTIVE LEAF NOTIFIES AD300-993 OF AUTHORIZED EXT. PIB300-2D CAPABLE OF COMMUNICATING WITH UP TO 2 AD-300 DEVICES. RLB D MAY OR MAY NOT BE REQUIRED. CONSULT ACP PROVIDER FOR DETAILS.	
TYPE	DATE DRAWN	REVISION DATE	
PAIR RX-LC 9949 X AD-300-993, PIB300-2D AND ACP BD	6-7-13	6-7-13	copyright 2013

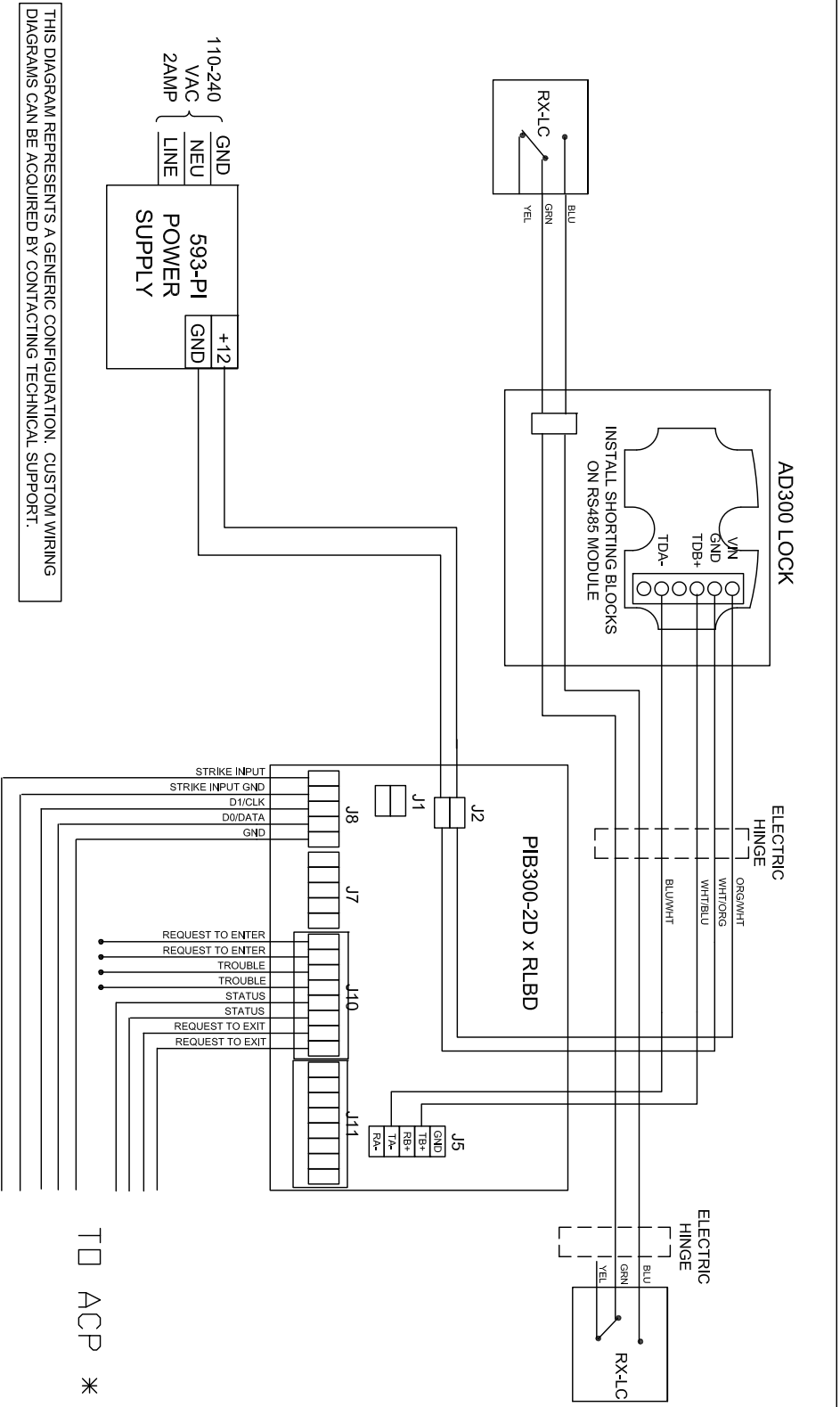
TITLE: CORRIDOR TRAFFIC CONTROL - AD-300-993R

DRAWING TYPE: RISER DIAGRAM

DWG NO: 109866

DRAWN/CHECKED BY: B DOVE

REV: A



THIS DIAGRAM REPRESENTS A GENERIC CONFIGURATION. CUSTOM WIRING DIAGRAMS CAN BE ACQUIRED BY CONTACTING TECHNICAL SUPPORT.

NOTES:
 1) ALL LOW VOLTAGE WIRING TO BE STANDARD MULTI-CONDUCTOR COLOR CODED WITHOUT SPLICES.
 2) WIRING TO CONFORM TO APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL CODES.
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 5) * CONDUCTOR COUNT AND CONNECTIONS TO BE DETERMINED BY ACCESS CONTROL PANEL PROVIDER.

HARDWARE USED:

1	VD 9949	X	AD300-993
1	RX-LC 9949-ED		
2	SBB-TV/8		EHINGES
1	PIB300-2D	X	RLBD
1	593-PI		
1	GENERIC OPEN ARCHITECTURE ACP		BY OTHERS

TYPE: PAIR RX-LC 9949 X
 AD300-993R, PIB300-2D
 AND ACP BD

OPERATION:

RX-LC 9949 WITH AD300-993 COMMUNICATES TO GENERIC ACP SO BY WAY OF PIB300-2D TO DETERMINE IF ACCESS WILL BE GRANTED TO OPENING.
 RX-LC IN INACTIVE LEAF NOTHES AD300-993 OF AUTHORIZED EXT.
 PIB300-2D CAPABLE OF COMMUNICATING WITH UP TO 2 AD-300 DEVICES.
 RLBD MAY OR MAY NOT BE REQUIRED. CONSULT ACP PROVIDER FOR DETAILS.

DATE DRAWN	6-7-13	REVISION DATE	6-7-13
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TITLE: **ALLEGION™**
 CORRIDOR TRAFFIC CONTROL - AD-300-993R

DRAWING TYPE: WIRING DIAGRAM
 DWG NO.: 109866
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TO ACP *