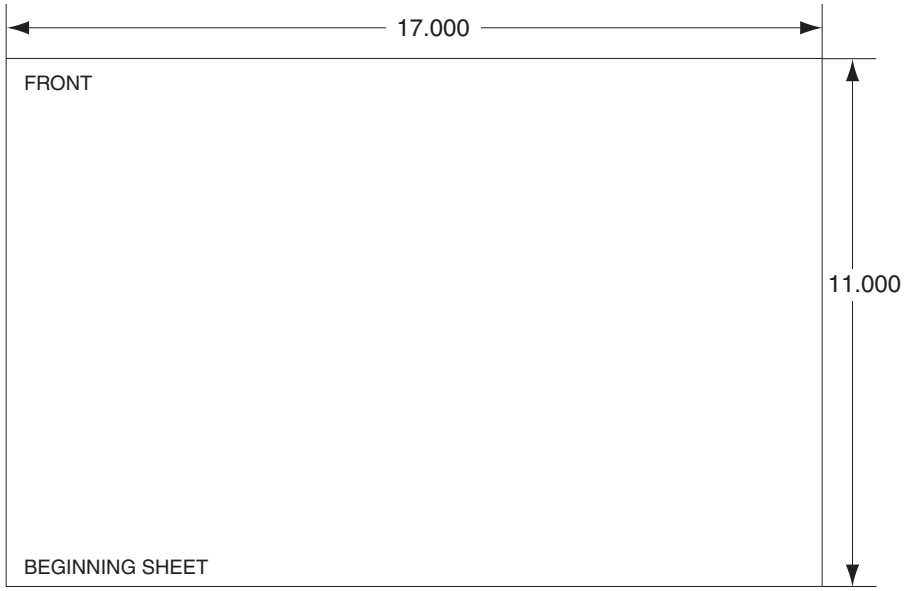

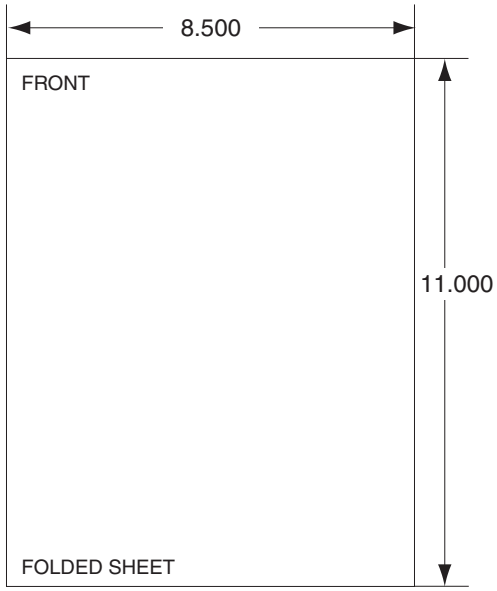

Additional Notes:
1 sheet, 1 fold

Revision History					
A	B	C	D	E	F
		20156	062621	EC #	EC #

Material: White Paper

Notes
1. printed two sides
2. printed black
3. tolerance: ± .13
4. see sheet 2 for artwork
5. printed in country may vary
6. drawings not to scale

Revision Description:
D > Allegion Rebranding

Edited By	Approved By	EC Number	Release Date
R. Byun	M. Roberts	062621	05-14-2015

Title: BR-100 Installation Instruction

Creation Date	Number	Revision
08-29-11	70200-0041	D

Created By: J. Ellis
Software: Illustrator CS6

Activity: 3899 Hancock Expwy, Security, CO 80911

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70200-0041

BR-100

Installation Instructions

This installation guide consists of 3 sections:

- How to connect the BR-100 to an F3 HandReader
  - Bell Output - page1
  - Lock Output - page 2

F3 HandReader Models
HP-1000E, HP-1000-F3, HP-2000-F3, HP-3000-F3, HP-3000E-F3,
HP-4000-F3, HP-4000-S-F3, HK-2-F3, HK-2-CR-F3, HP-1000E-XL,
HP-1000-XL, HP-2000-XL, HP-3000-XL, HP-3000E-XL

- How to connect the BR-100 to an F1 HandReader
  - Bell Output - page 2
  - Lock Output - page 3

F1 HandReader Models
HP-50E, HP-1000, HP-2000, HP-3000, HP-3000E,
HP-4000, HP-4000-S, HK-2, HK-CR

- How to connect the BR-100 to an E Series HandReader
  - Bell Output - page 3
  - Lock Output - page 4

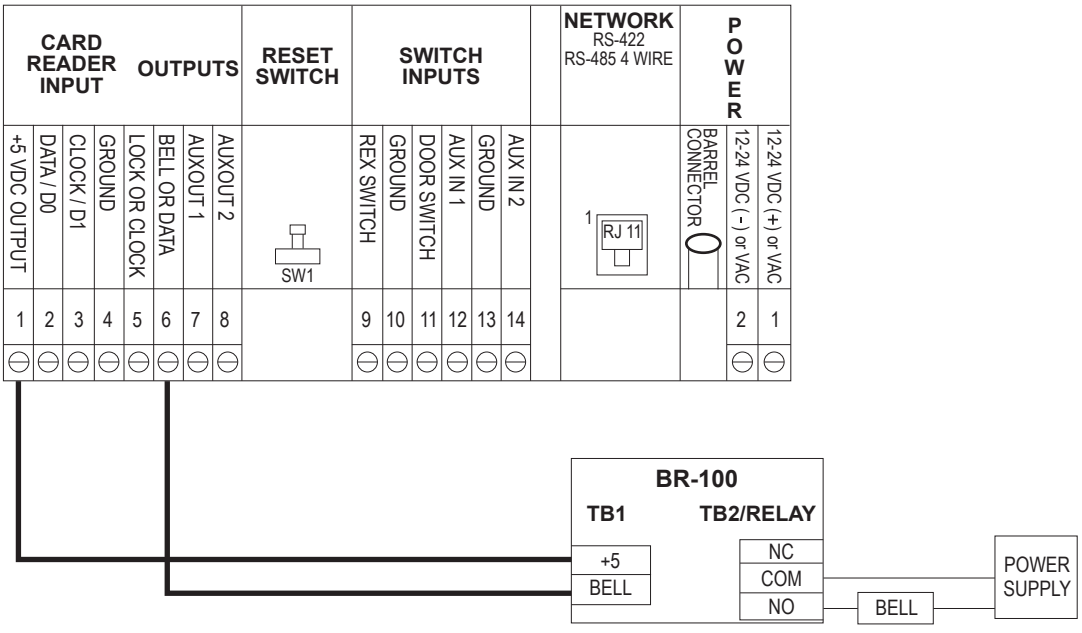
E Series HandReader Models
ID3D-R, ID3D-RW, LH-100, LH-100-RW

⚠ CAUTION: Please choose your model carefully as the reader can be damaged by incorrectly wiring the relay.

➔ *See page 4 for examples on wiring the BR-100 relay to a lock.*

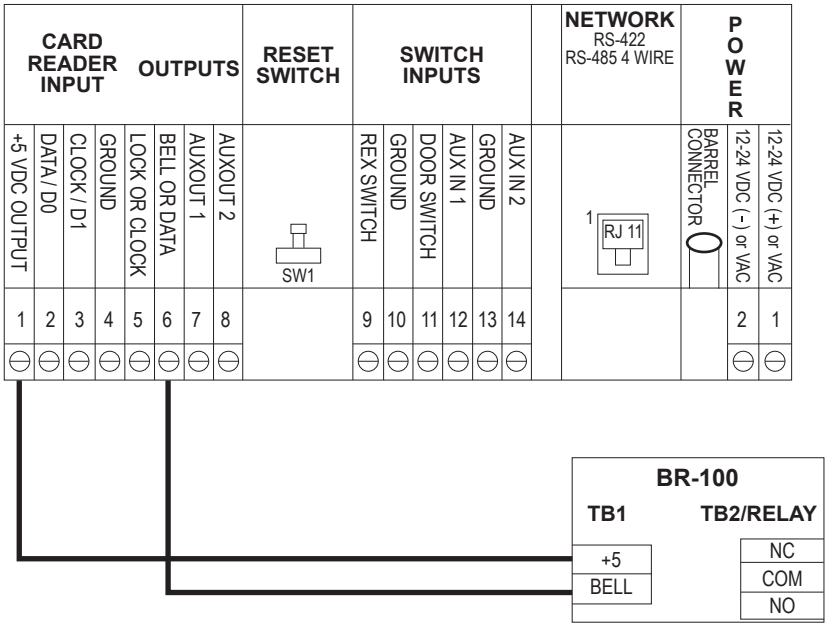
How to connect the BR-100 to an **F3 HandReader** for…

Bell Output



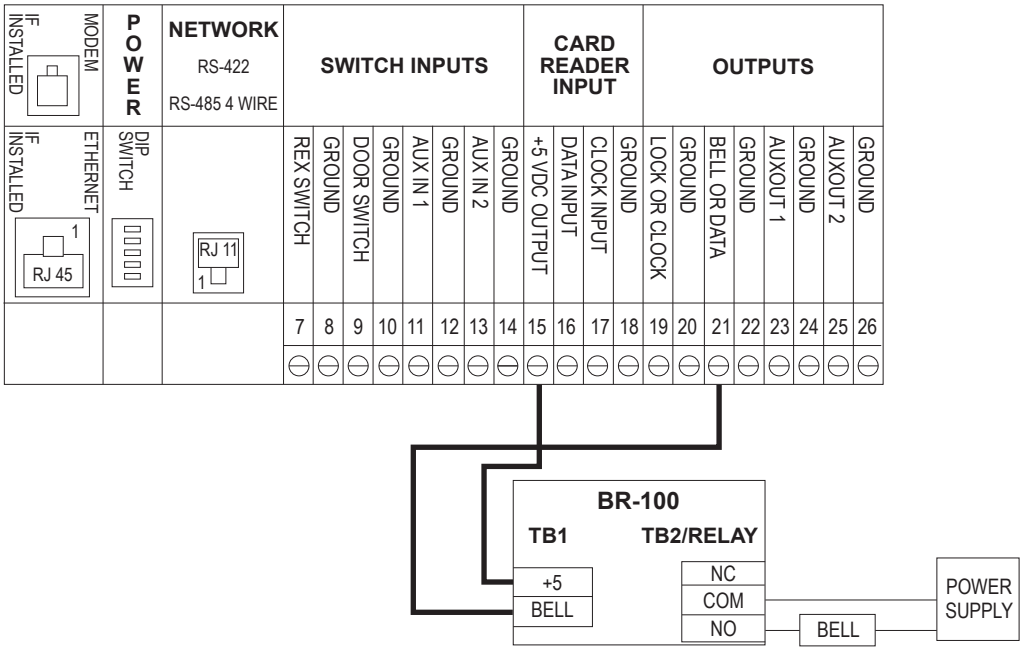
How to connect the BR-100 to an **F3 HandReader** for…

Lock Output



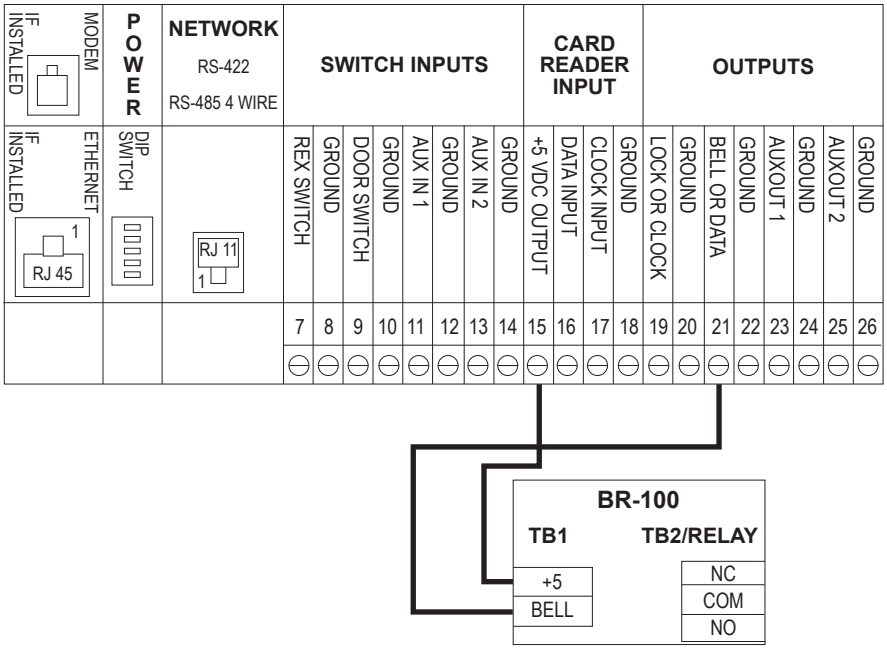
How to connect the BR-100 to an **F1 HandReader** for…

Bell Output



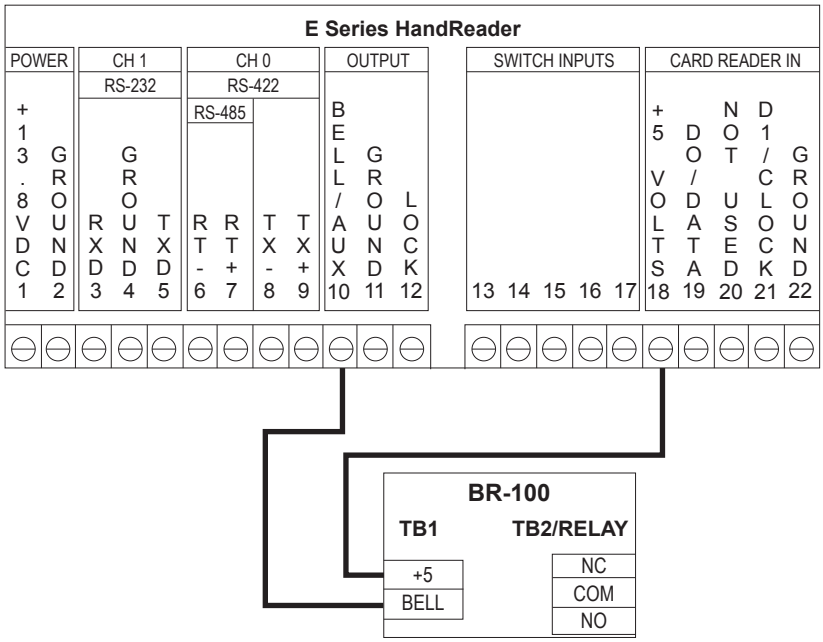
How to connect the BR-100 to an **F1 HandReader** for…

Lock Output



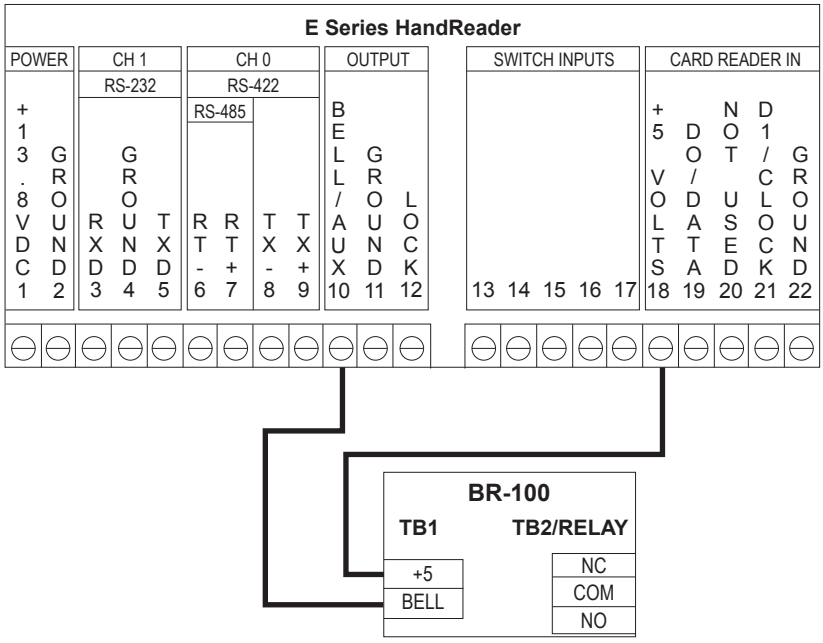
How to connect the BR-100 to an **E Series HandReader** for…

Bell Output



How to connect the BR-100 to an **E Series HandReader** for…

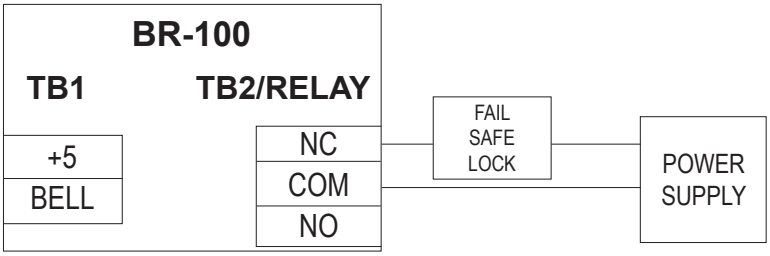
Lock Output



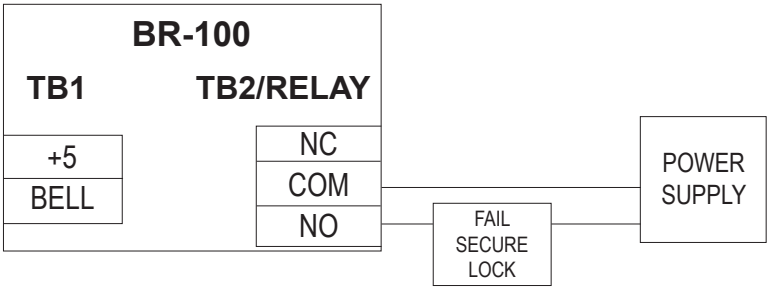
Wiring Examples

⚠ WARNING: These are generic examples. Please follow the wiring guidelines provided by the manufacturer of the lock.

Fail Safe Lock: The fail-safe lock guarantees access if power fails. The lock requires power to stay locked; during a power failure, access is granted.



Fail Secure Lock: The fail-secure lock guarantees security if power fails. The lock requires power to unlock; during a power failure, access is denied.



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