## STEP 4: ROUTING WIRES THROUGH DEVICE Wires can be routed through device or door LOOSEN set screw with 3/32 hex wrench. Do NOT remove. **ROUTE** wires SLIDE extrusion through extrusion **b** )away from pushpad assembly NOTE: 1. Detex recommends the power supply to be located within 15 feet of the device. 2. Detex recommends using minimum 20 GA wire for power. 3. Current draw: 24VDC = 150 mA **RHR** 12VDC = 250 mA SHOWN Fail-Secure=Black or Blue spiral tubing Fail-Safe=Red or Yellow spiral tubing CONNECT solenoid and harness wires Rim **SVR** INSERT excess wires into door TRIM excess wires Installation Continuation: **f** ) SLIDE extrusion back to pushpad assembly Tighten set screw with 3/32" hex wrench



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## INSTALLATION INSTRUCTIONS FOR "EU2W" LEVER TRIM, 4-1/2" MINIMUM STILE

#### ELECTRIC UNLOCK: NOTE: Trim is not field reversible.

A DC power source is connected across the brown wires to power the internal solenoid. The solenoid connection is not polarized. The applied voltage will unlock for Fail-Secure and lock for Fail-Safe. Units are color coded as follows:

24 VDC Fail-Secure (Black spiral tubing) p/n 104209-1 24 VDC Fail-Safe (Red spiral tubing) p/n 104209-2 12 VDC Fail-Secure (Blue spiral tubing) p/n 104209-3 12 VDC Fail-Safe (Yellow spiral tubing) p/n 104209-4

## STEP 1: PREP TRIM DEVICE Install tailpiece for RIM or SVR

NOTE: Mortise cylinder NOT supplied with trim, but can be ordered separately. Cylinder P/N: 102281-X Cylinder plate P/N: 100754 Short collar included P/N: 100572-X Hex nut P/N: 100783 INSTALL mortise cylinder (A short cylinder collar is supplied for cylinders 1" to 1-1/8" long. For cylinders greater than 1-1/8", order tall collar P/N 100752-X) For Fail Secure Trims: SLIDE locking bar to unlock lever & hold, Then, ROTATE lever as shown in Step b below (c)LOOSEN screw P/N: 102291-108 (e) Install Tailpiece P/N: 101478 TIGHTEN screw  $(\mathbf{b})$ **ROTATE** lever Follow steps a thru f in order

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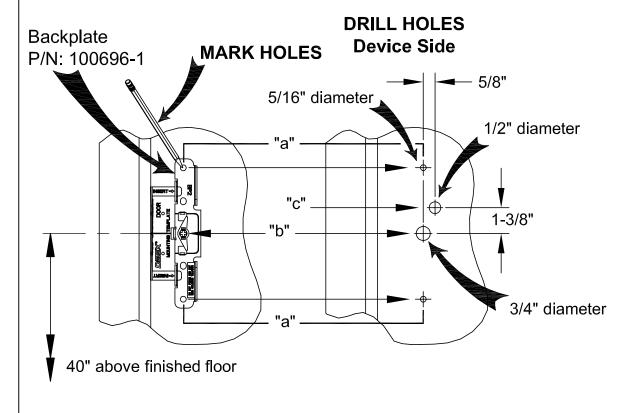
### STEP 2a: PREP DOOR (Rim & SVR)

#### Mark & Drill holes

# 1/4-20 x 1" L

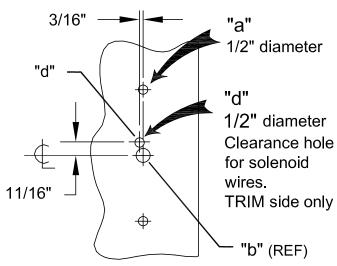
#### NOTES:

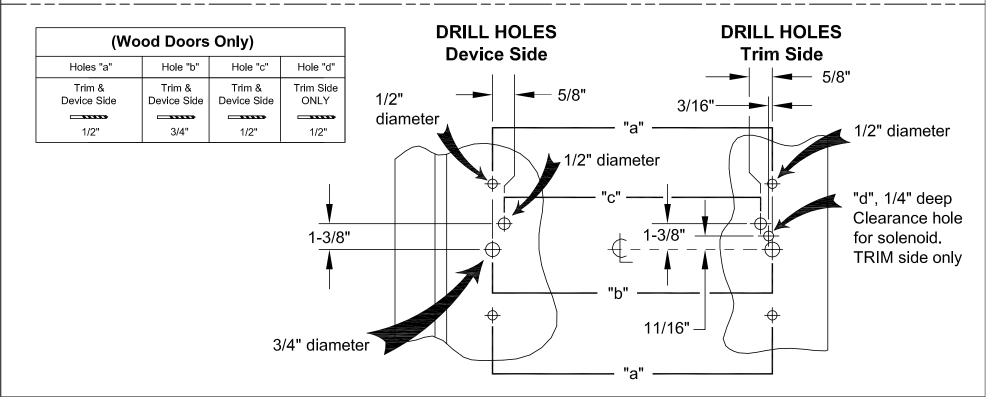
- 1) For a retrofit application, remove device before installing new trim.
- 2) LHR installation shown (Reverse all steps for RHR).



(Metal Doors Only)				
Holes "a"		Hole "b"	Hole "c"	Hole "d"
Device Side	Trim Side	Trim & Device Side	Device Side ONLY	Trim Side ONLY
5/16"	1/2"	3/4"	1/2"	1/2"

## DRILL HOLES Trim Side





# STEP 3a: INSTALL TRIM DEVICE (Rim & SVR) Install TRIM for Rim & SVR Device

