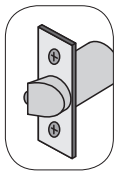
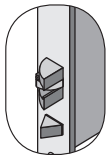
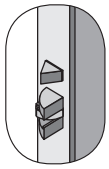
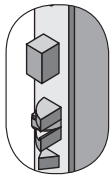
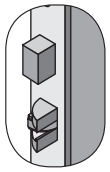
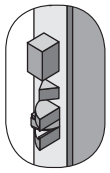
UniFLEX™ Spec - Application Specific Faceplates Included

Lock Compatibility: To determine compatibility of locksets not listed below.

UniFLEX Spec models include strike and faceplate for individual job requirements. Recommend for specifiers and industry professionals for fast and easy specification of individual installation requirements.

Model	Lockset	Application	Compatible Locks	Operation
55-A		• Cylindrical locksets • Locksets with ANSI centerline latch entry lockset with up to 3/4" latchbolt	• All cylindrical locksets with 1/2" to 5/8" latchbolts ***IDC*** - See M7200 Datasheet • Locksets with ANSI centerline latch entry with up to 3/4" latchbolt	After releasing the latchbolt, the keeper returns to the locked position.
55-B		• Mortise locksets and mortise exit devices with or without a deadlatch located **below** the latchbolt.	• *Accurate* • *Falcon* • *Arrow* • *Marks* • *Best* • *Sargent* • *Corbin Russwin* • *Yale* • *Dorma*	After releasing the latchbolt, the keeper returns to the locked position.
55-C		• Mortise locksets and mortise exit devices with or without a deadlatch located **above** the latchbolt.	• Schlage • ***IDC*** - See M7800 Datasheet • Baldwin • Hager	After releasing the latchbolt, the keeper returns to the locked position.
55-D		• Mortise locksets with a deadbolt and a deadlatch located **below** the latchbolt. • With deadbolt retainer installed, access control will not release projected deadbolt. • With deadbolt retainer removed, access control will release deadbolt. **The door will not close when deadbolt is projected.**	• *Accurate* • *Falcon* • *Arrow* • *Marks* • *Best* • *Sargent* • *Corbin Russwin* • *Yale* • *Dorma*	**Deadbolt Retracted:** When signaled by the access control the strike keeper unlocks, permitting door latch release. The strike keeper returns to the closed and locked position. The door then returns to the closed and locked position. **Deadbolt Retainer Installed** Night-Latch/Access Control Lockout: When the deadbolt is projected the strike will not release by access control. **Deadbolt Retainer Removed** Night-Latch: When the deadbolt is projected, the strike keeper unlocks, permitting door latch and deadbolt release by the access control. The strike keeper returns to the closed and locked position. **The door will not close and lock when the deadbolt is extended** and must be manually retracted to permit door closure.
55-E		• Mortise lockset with a deadbolt. • With deadbolt retainer installed, access control will not release projected deadbolt. • With deadbolt retainer removed, access control will release deadbolt. **The door will not close when deadbolt is projected.**	• Baldwin	
55-F		• Mortise locksets with a deadbolt and a deadlatch located **above** the latchbolt. • With deadbolt retainer installed, access control will not release projected deadbolt. • With deadbolt retainer removed, access control will release deadbolt. **The door will not close when deadbolt is projected.**	• Schlage • ***IDC*** - See M7800 Datasheet • Hager	

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Model

UniFLEX™: **55-ABC**

UniFLEX™ **Spec:** **55-A** **55-D**
55-B **55-E**
55-C **55-F**

Finish

630 Stainless Steel (std)
606 Dull Brass
612 Dull Bronze
613 Oil Rubbed Bronze
625 Bright Chrome
626 Dull Chrome

Monitoring

All strikes less monitoring are non-handed

A, B, C with monitoring are non-handed

D, E, F with monitoring are handed
L - Left hand R - Right hand
Example: 55-DU x LBM/LCM-L

LBM Latchbolt Monitor
Signals the door is closed and latched or unlatched and open.

Applications
- Door prop open monitoring
- Airlock and Interlock logic
- Access control door ajar input
- Access control anti-tailgate input

LBM/LCM Door Secure Monitor
Signals door is closed latched and the keeper is deadlocked. Also signals the door is unlatched or unlocked.

Applications
- Door secure and unlocked monitoring
- Mantraps

LBM/LCM/DBM Deadbolt and Door Secure
D, E & F functions only.

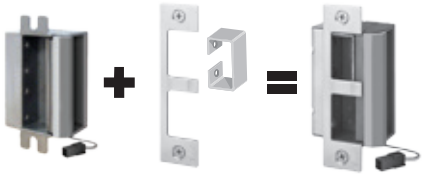
DBM signals deadbolt projected or retracted.

LBM/LCM signals the door is latched and the keeper is deadlocked, whether the deadbolt is extended or retracted. Also signals the door is unlatched and unlocked when deadbolt is retracted.

Applications
- Deadbolt night latch monitoring
- Access control lockout monitoring
- Door secure and unlocked monitoring
- Mantraps

UniFLEX™ Pro Stocking System

Universal Application Open Stock
For Stocking Installers & Distributors



Enables order fulfillment for multiple applications while reducing stocking requirements and limitations of application specific electric strikes.

How Universal Application Open Stock Works

1. Stock UniFLEX™ 55 series strike bodies and different application faceplates separately.

2. For order fulfillment, package application faceplate with model 55 strike per order specification.

UniFLEX™ Pro Strike Body

Indicate quantity and monitoring required.

55 Electric strike body, 12/24VDC

Monitoring Options
See ordering info on left
LBM
LBM/LCM
LBM/LCM/DBM

Example: **15 ea.** 55; **5 ea.** 55-LBM

Accessorie Faceplates

Faceplates determine operation and lockset compatibility. For faceplate applications see page 2. Indicate quantity and finish.

50A **50B** **50C**
50D **50E** **50F**

Specify Faceplate Finish

630 Stainless Steel (std)
606 Dull Brass
612 Dull Bronze
613 Oil Rubbed Bronze
625 Bright Chrome
626 Dull Chrome

Example:
10 ea. 50AU; **5 ea.** 50BD; **5 ea.** 50FU

Monitoring Configurations

55-A, 55-B, 55-C: LBM, LBM/LCM

A

B or C

55-D, 55-E, 55-F: LBM, LBM/LCM
LBM/LCM/DBM

D or E

F

Accessories

RMB	Plug-In Buzzer, 12/24V Indicates strike is energized
LT	Tri-Color LED, red or green or amber. Indicates strike energized per field wiring
BR64XL	Rectifier with Wire Leads Converts AC to DC

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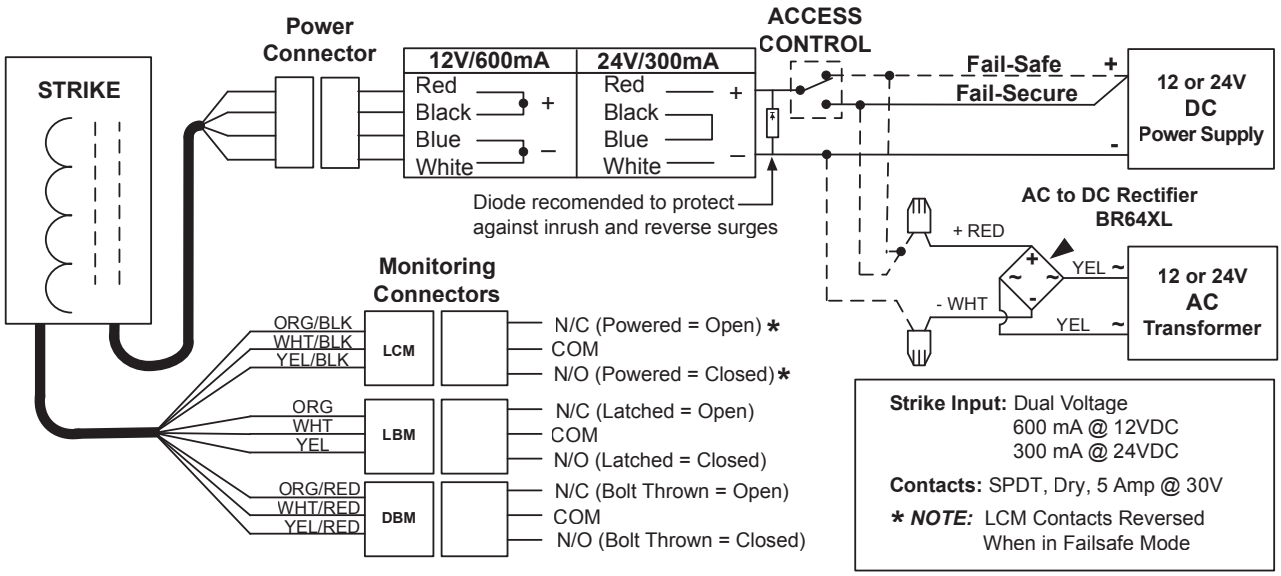
Fig. 1

WIRE DIAGRAM - 55 SERIES ELECTRIC STRIKE



Strike Input: Dual Voltage
600 mA @ 12VDC
300 mA @ 24VDC

Contacts: SPDT, Dry, 5 Amp @ 30V

* ***NOTE:*** LCM Contacts Reversed When in Failsafe Mode

HIGH SECURITY DOOR SECURE MONITORING: LBM/LCM Required
LCM & LBM wired in series indicates door is closed, latched and strike is deadlocked or door is open or unlocked

FIG. 2 **FIELD REVERSIBLE FAILSAFE / FAILSECURE**

Failsecure Mode: Factory supplied, Failsecure
Failsafe Mode: Remove cover, push solenoid toward end of strike as shown below.

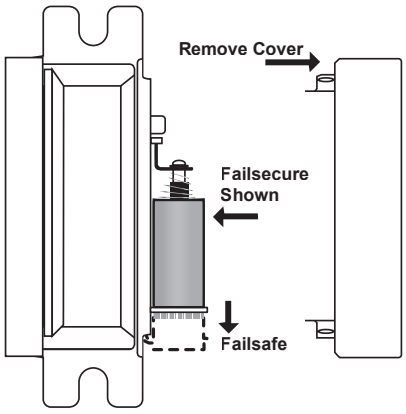


FIG. 3 **HORIZONTAL ALIGNMENT ADJUSTMENT**

3A-Nominal Alignment: Loosen mounting screws. Shift strike body behind the faceplate horizontally. Tighten mounting screws.

3B-Excessive Alignment Issues:
Remove shim filler bar from keeper.

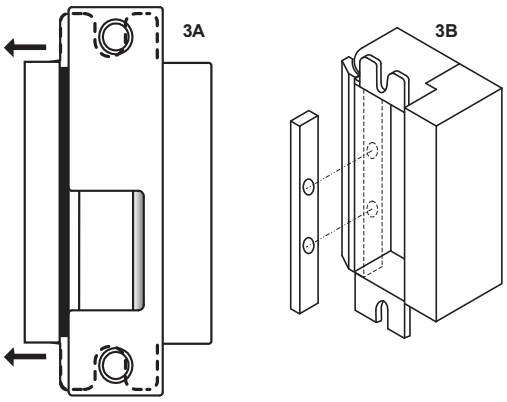


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Fig. 6 FACE PLATES - All faceplates are interchangeable for application requirements

Refer to faceplate dimensions to determine compatibility of locks and exit device brands not listed on page 2.

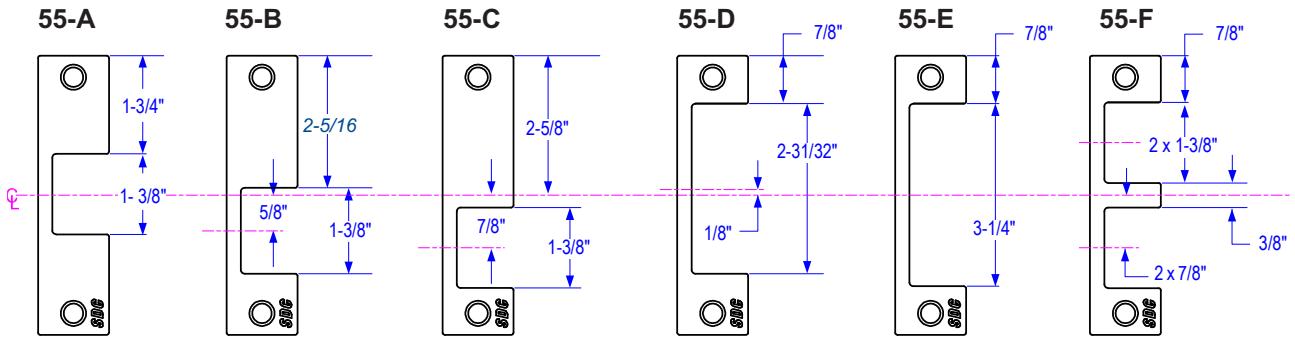
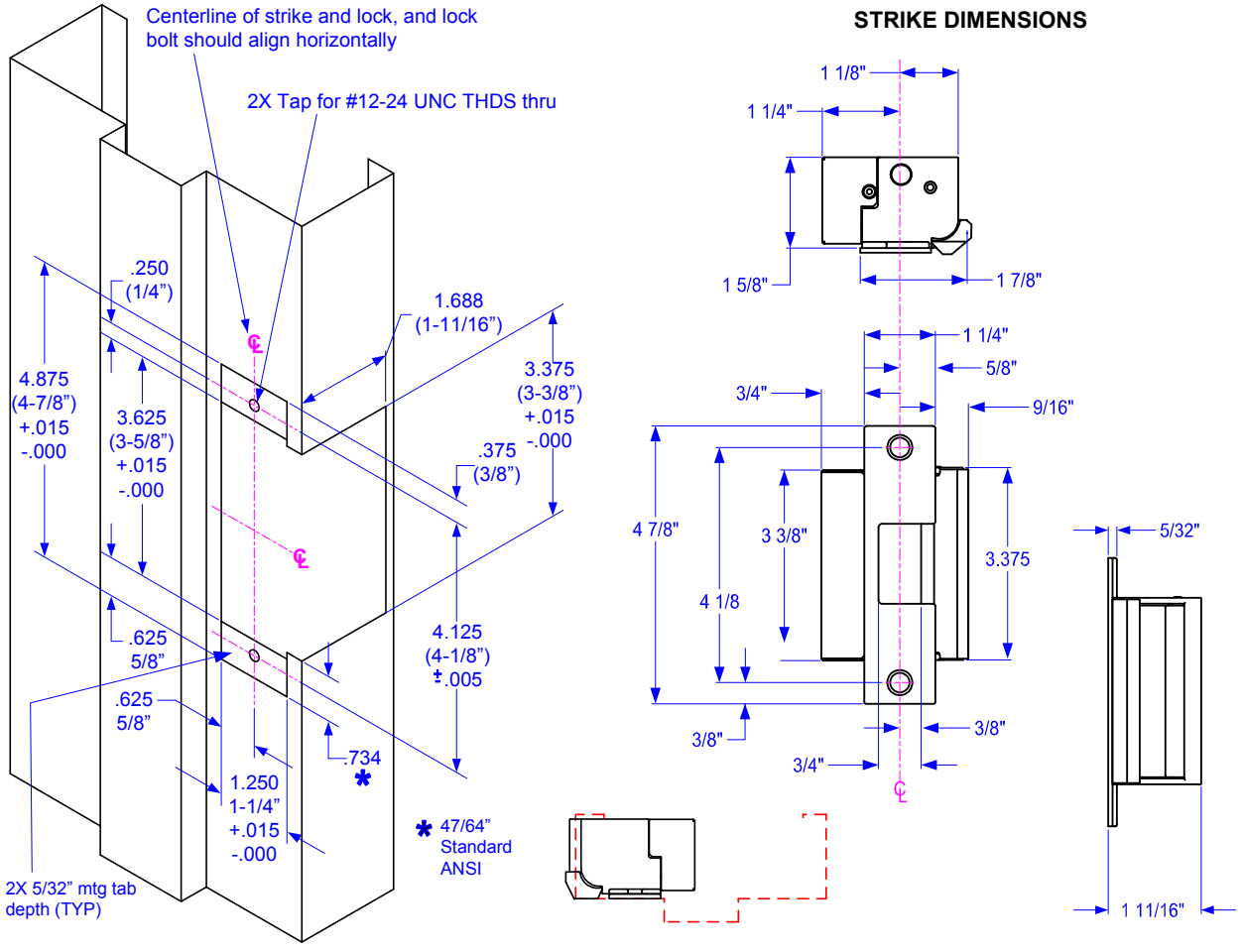


Fig. 4 FRAME PREPARATION - 55 Electric Strike



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