



UniFLEX™ 55 Series Universal Application Strike



55-A For cylindrical locksets and locksets with ANSI centerline latch entry with up to 3/4" latchbolt



55-B & 55-C for mortise locksets with up to 3/4" latch



55-D & 55-E For mortise locksets with deadbolt, with or without a deadlatch below the latchbolt



55-F for mortise locksets with deadbolt and deadlatch located above the latchbolt

For New or Retrofit Construction Retrofits Existing ANSI 4-7/8" Strike Prep – No Centerline Relocation

UniFLEX™ 55 Series heavy duty electric strikes are designed for installation in hollow metal frames for access control of cylindrical and mortise locksets and mortise exit devices. The choice of 6 application faceplates eliminates the need for centerline relocation, making them ideal for new or retrofit, high security access control applications.

Features

- No Centerline Relocation
- Up to 3/4" Latchbolt and 1" Deadbolt
- Field Reversible, Failsafe/Failsecure
- 1/8" Horizontal alignment adjustment
- ANSI/BHMA A156.31 Grade 1
- Factory tested 2500 lbs,
- exceeds 1,000,000 cycles
- UL teste 1500 lb Static strength
- 70 ft-lb Dynamic strength
- Internally Mounted Solenoid, No Heat in Keeper
- Dual Voltage 12/24VDC
- Tamper Resistant
- All Stainless Steel Corrosion Resistant Parts and Heavy Cast Body and Keeper
- Non-handed (Deadbolt status handed)
- Plug-in pig tail connectors

Reversible Failsafe/Failsecure

Fail-Secure (Power-to-Unlock):

Unlocked when energized.
Locked when de-energized and during power failure.

Application: For non fire rated and fire rated doors (exception, may not be used on stairwell doors). May not be maintained in the unlocked (energized) state when used with fire rated doors.

Fail-Safe (Power-to-Lock): Locked when energized. Unlocked when de-energized and during power failure.

Application: Non-fire rated doors only.

CAUTION: Fail-safe is not permitted with the UL Fire Door Accessory label.



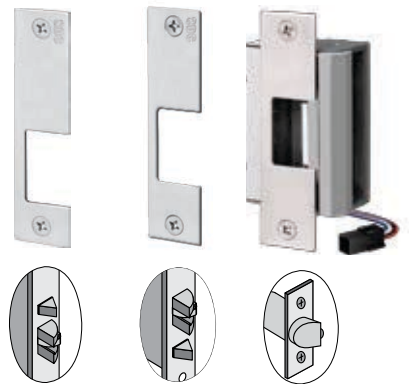
Warnock Hersey Tested according to:
UL 10C, 3 Hr Fire Rated, 4' x 8' single door
NFPA-252
CAN4-S104 (ULC-S104)
(Fail-Secure only).



UL 1034 Burglary-Resistant
BP10254
40WH

UniFLEX™ Universal Strike

55-ABC



Application

55-ABC Universal Strike for cylindrical locks, mortise locks without deadbolts and mortise exit devices, including:

SDC
Accurate
Arrow
Baldwin
Best

Corbin Russwin
Dorma
Falcon
Hager

Marks
Sargent
Schlage
Yale

5 YEAR LIMITED WARRANTY

Patent Pending

SECURITY DOOR CONTROLS

sdsecurity.com service@sdsecurity.com


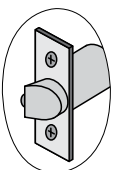

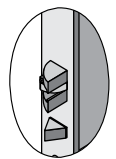

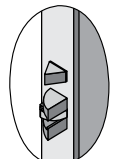

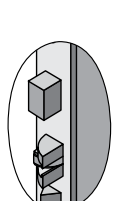

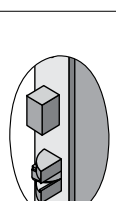

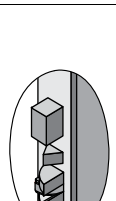


UniFLEX™ Spec - Application Specific Faceplates Included

How to Specify: See page 3

Lock Compatibility: To determine compatibility of locksets not listed below, see faceplate dimensions, Fig. 6 page 5.

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 		<ul style="list-style-type: none"> • Cylindrical locksets • Locksets with ANSI centerline latch entry lockset with up to 3/4" latchbolt 	<ul style="list-style-type: none"> • All cylindrical locksets with 1/2" to 5/8" latchbolts <i>SDC</i> - See M7200 Datasheet • Locksets with ANSI centerline latch entry with up to 3/4" latchbolt 	<p>After releasing the latchbolt, the keeper returns to the locked position.</p>
55-B 		<ul style="list-style-type: none"> • Mortise locksets and mortise exit devices with or without a deadlatch located <u>below</u> the latchbolt. 	<ul style="list-style-type: none"> • Accurate • Arrow • Best • Corbin Russwin • Dorma • Falcon • Marks • Sargent • Yale 	<p>After releasing the latchbolt, the keeper returns to the locked position.</p>
55-C 		<ul style="list-style-type: none"> • Mortise locksets and mortise exit devices with or without a deadlatch located <u>above</u> the latchbolt. 	<ul style="list-style-type: none"> • Schlage • <i>SDC</i> - See M7800 Datasheet • Baldwin • Hager 	<p>After releasing the latchbolt, the keeper returns to the locked position.</p>
55-D 		<ul style="list-style-type: none"> • Mortise locksets with a deadbolt and a deadlatch located <u>below</u> 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. 	<ul style="list-style-type: none"> • Accurate • Arrow • Best • Corbin Russwin • Dorma • Falcon • Marks • Sargent • Yale 	<p>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.</p> <p>Deadbolt Retainer Installed</p>
55-E 		<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Baldwin 	<p><u>Night-Latch/Access Control Lockout:</u> When the deadbolt is projected the strike will not release by access control.</p> <p>Deadbolt Retainer Removed</p> <p><u>Night-Latch:</u> 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.</p>
55-F 		<ul style="list-style-type: none"> • Mortise locksets with a deadbolt and a deadlatch located <u>above</u> 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. 	<ul style="list-style-type: none"> • Schlage • <i>SDC</i> - See M7800 Datasheet • Hager 	<p>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.</p>

Model

UniFLEX™: 55-ABC

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

Finish

U 630 Stainless Steel (std)
D 606 Dull Brass
G 612 Dull Bronze
H 613 Oil Rubbed Bronze
P 625 Bright Chrome
Q 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 closed/latched or open/unlatched status
- Access control door ajar/forced entry signal
- Access control anti-tailgate/ timer reset signal
- Airlock and Interlock logic

LBM/LCM Door Secure Monitor

Applications

- Door secure and unlocked monitoring
- Mantraps, Interlocks, Airlocks

DBM Deadbolt Monitoring

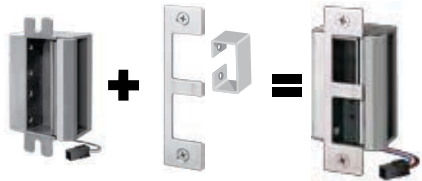
Signals deadbolt projected or retracted

Applications

- Deadbolt locked/unlocked status
- Occupied signal rooms/bathrooms
- Deadbolt nightlatch monitoring
- Manual lockout of access control by deadbolt

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 to left

LBM
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. Specify quantity and finish.

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

Specify Faceplate Finish

U 630 Stainless Steel (std)
D 606 Dull Brass
G 612 Dull Bronze
H 613 Oil Rubbed Bronze
P 625 Bright Chrome
Q 626 Dull Chrome

Example:

10 ea. 50AU; 5 ea. 50BD; 5 ea. 50FU

Monitoring Configurations

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



A
Faceplate



B and C
Faceplate

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



D or E
Faceplate



F
Faceplate

Accessories



50-RMB

Plug-In Buzzer, 12/24V
Indicates failsecure strike is energized and unlocked



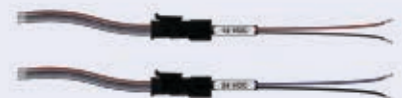
50-BR64

Plug-in Bridge Rectifier
Connects AC to DC



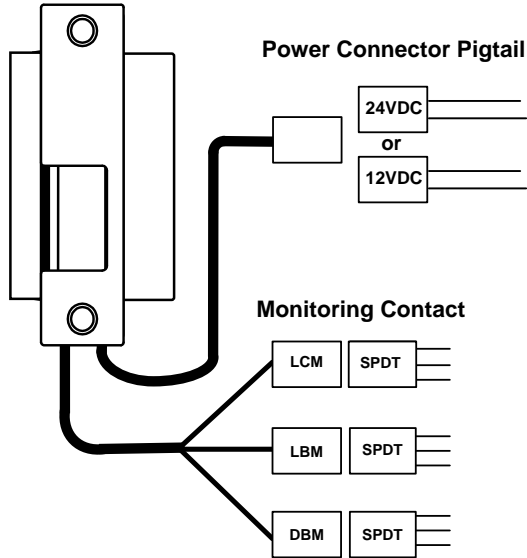
BR64XL

Rectifier with Wire Leads
Converts AC to DC



50-PC3A (1) 12 V and (1) 24V pigtail connector, 4" leads (supplied with all 55 strikes)

**Fig. 1 WIRE DIAGRAM
55 SERIES ELECTRIC STRIKE**



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

Contacts: SPDT, Dry, 5 Amp @ 30V

HIGH SECURITY DOOR SECURE MONITORING: LBM/LCM Required

LCM & LBM wired in series indicates door is closed, latched and deadlocked or door is unlatched, open or unlocked.

Fig. 3 QUICK CONNECT POWER INPUT (included with strikes)

- 12VDC and 24VDC pigtails Included
- No need to cut and splice wires to configure voltage
- Fewer wire nuts required
- Small connectors provide organized space saving wiring
- Easy troubleshooting



Fig. 4 QUICK CONNECT BUZZER (see options)

- Buzzer in line between small connectors
- For failsecure strikes, audible tone indicate unlocked
- No need to cut and splice wires
- Reduces wire nut connections
- Small connectors provide organized space saving wiring
- Easy troubleshooting



Fig. 5 QUICK CONNECT BRIDGE RECTIFIER (see options)

- Bridge rectifier in line between small connectors
- No need to cut and splice wires
- Eliminates 4 wire nut connections
- Small connectors provide organized space saving wiring
- Easy troubleshooting

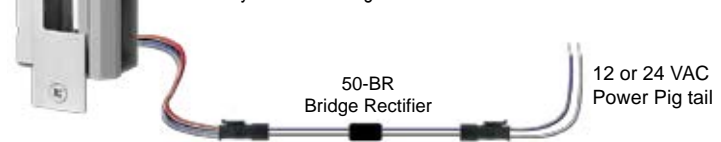


Fig. 2 FIELD REVERSIBLE FAILSAFE / FAILSECURE

Failsecure Mode: Factory supplied, Failsecure

Fail-safe Mode: Remove cover, push solenoid toward end of strike as shown below.

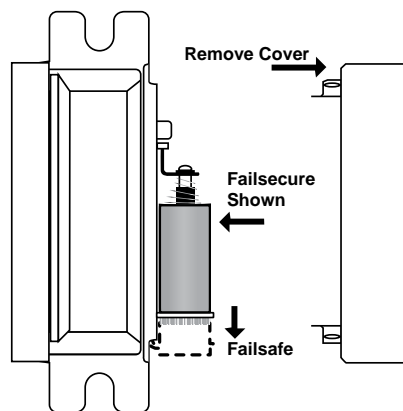


Fig. 6 HORIZONTAL ALIGNMENT ADJUSTMENT

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.

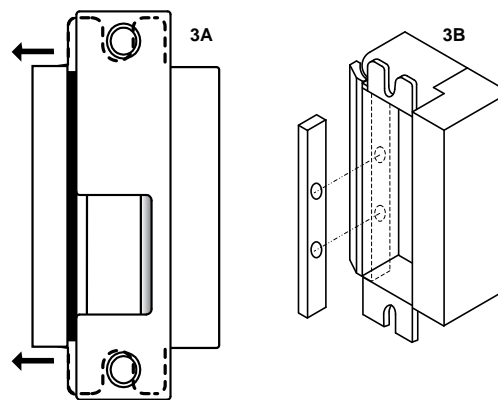


Fig. 6 FACE PLATES - All faceplates are interchangeable for application requirements

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

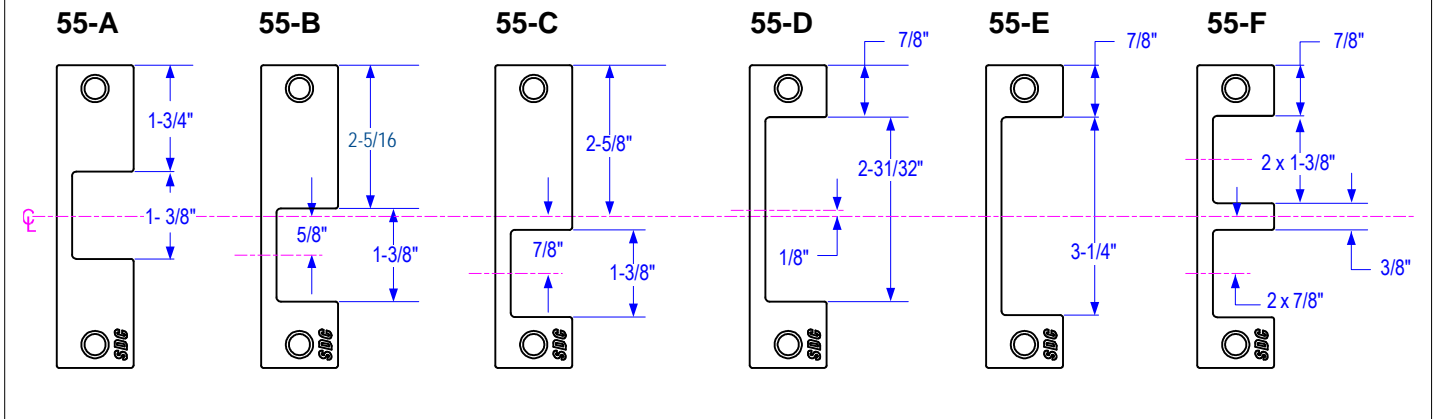
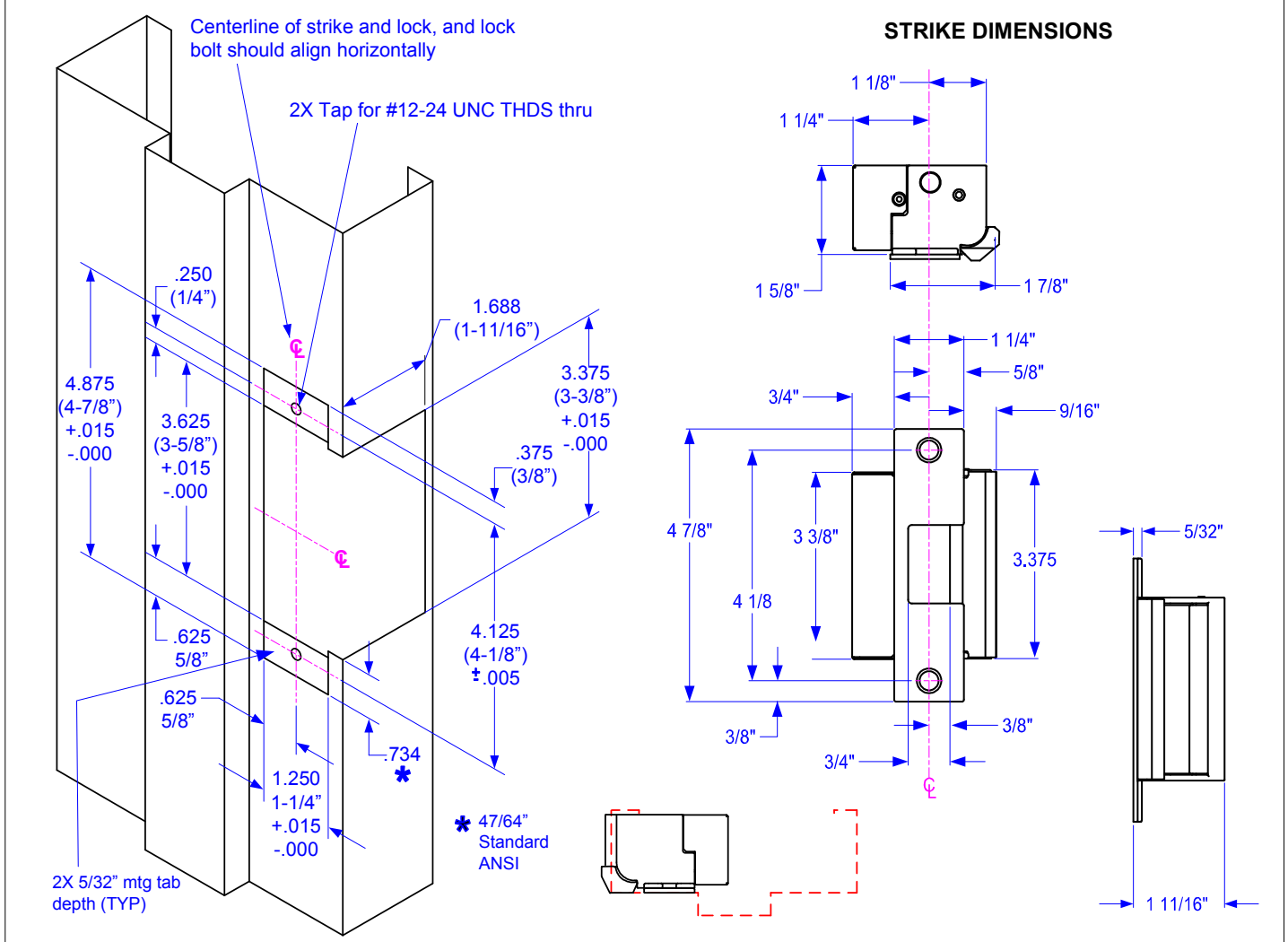


Fig. 4 FRAME PREPARATION - 55 Electric Strike



Latch and Deadbolt Monitoring Strikes

Compatible with Mechanical, Electrified and Battery Powered

- Cylindrical locksets
- Mortise locksets with or without deadbolts
- Deadbolts
- Mortise Exit Devices

Standard Features

- For standard ANSI 2-3/4" or 4.3/4" strike plates (provided by others)
- Solid stainless steel actuators installed in heavy gauge strike back box.
- Unobtrusive, vandal resistant actuators are recessed to inhibit tampering.
- Field adjustable for latch & bolt length
- SPDT and DPDT contacts available
- All wiring maintained in frame, eliminating the need for power transfer devices and wires in the door, maintaining fire door integrity

Applications:

- Latch status & request-to-exit signaling for mechanical and electrified cylindrical and mortise locks & mortise exit devices
- Latch status & request-to-exit for battery powered locks
- Deadbolt status
- Alarm shunt or activation
- Interlock and mantrap signaling
- Door ajar or forced entry signaling
- Shared bathrooms: Ensures unlocking of both doors when exiting either door of a shared bathroom.
- Delayed egress lock activation, eliminates need for exit device switch and no wires in door.



MS-12 SPDT Cylindrical latch or tubular deadbolt monitor 2-3/4"

MS-14 SPDT Cylindrical latch monitor 4-7/8"

MS-16 SPDT Mortise lock latch monitor

MS-18 SPDT Mortise lock deadbolt monitor

MS-20* SPDT Mortise lock latch and deadbolt monitor

MS-12D DPDT Cylindrical latch monitor 2-3/4"

MS-14D DPDT Cylindrical latch monitor 4-7/8"

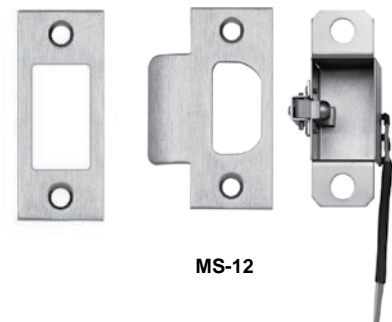
MS-16D DPDT Mortise lock latch monitor

MS-18D DPDT Mortise lock deadbolt monitor

MS-20D* DPDT Mortise lock latch and deadbolt monitor

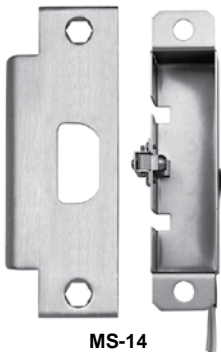
***MS-20 and MS-20D are handed but reversible**

Contact: 5 Amps @ 12/24VDC



MS-12

Strike plate provided by others



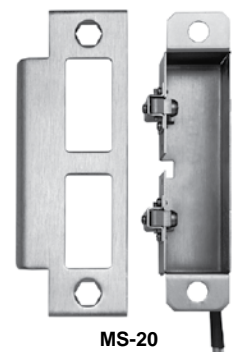
MS-14



MS-16



MS-18



MS-20