

UniFLEX™ 55 Series

Universal Application Strike

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 ¾" 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 tested 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.

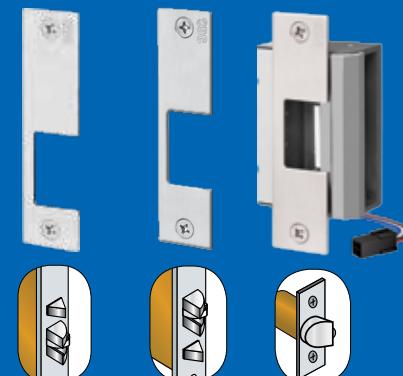
Application: Non-fire rated doors only.

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



UniFLEX™ Universal Strike

55-ABC



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



MODELS

55-ABC UniFLEX™ Universal Strike

(includes A, B and C faceplates and strike body)

55-A, 55-B, 55-C, 55-D, 55-E, 55-F

(includes strike body)

UniFLEX™ Spec with specific faceplate
includes strike body (see page 69 for application)





SPECIFICATIONS

Electrical

Dual Voltage Power Input 600/300 @ 12/24V DC

Contacts SPDT, Dry, 5Amp @ 30V

PRODUCT SKU SAMPLE: 55-D U DBM-L



HOW TO ORDER

1| SPECIFY MODEL

55-A Compatible locks with all cylindrical locksets with up to 5/8" latch.

55-B Mortise locksets and exit mortise devices with or without a deadlatch located below the latchbolt.
Accurate, Arrow, Best, Corbin Russwin, Dorma, Falcon, Marks, Sargent, Yale.

55-C Mortise locksets and mortise exit devices with or without a deadlatch located above the latchbolt.
SDC, Schlage, Baldwin, Hager

55-D Mortise locksets with a deadbolt and deadlatch located below the latchbolt.
Accurate, Arrow, Best, Corbin Russwin, Dorma, Falcon, Marks, Sargent, Yale.

55-E Mortise lockset with deadbolt and no dead-latch feature. Baldwin

55-F Mortise locksets with a deadbolt and a dead-latch located above the latchbolt.
SDC, Schlage, Hager.

2| SPECIFY 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

3| SPECIFY MONITORING OPTIONS

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

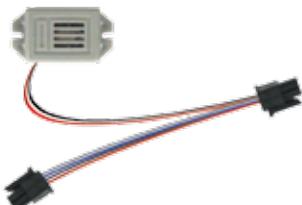
LBM/ LCM Door Secure Monitor. Signals door is closed latched and the keeper is deadlocked. Also signals the door is unlatched or unlocked. Non-handed.

3| SPECIFY DEADBOLD MONITORING (AVAILABLE ONLY FOR 55-D, 55-E, 55-F)

DBM-L Deadbolt Monitor, Left Hand
DBM-R Deadbolt Monitor, Right Hand



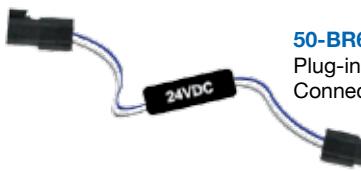
ACCESSORIES



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



BR64XL
Rectifier with Wire Leads
Converts AC to DC



50-BR64
Plug-in Bridge Rectifier
Connects AC to DC



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



UNIFLEX™ SPEC - APPLICATION SPECIFIC FACEPLATES INCLUDED

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

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.

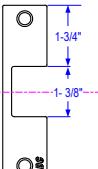
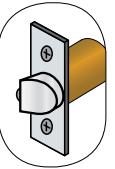
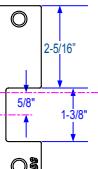
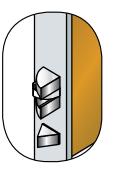
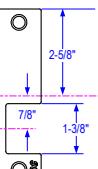
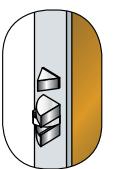
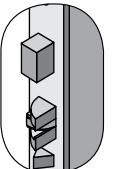
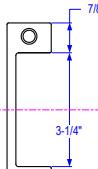
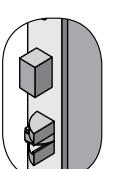
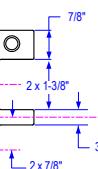
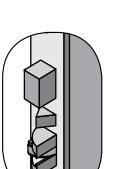
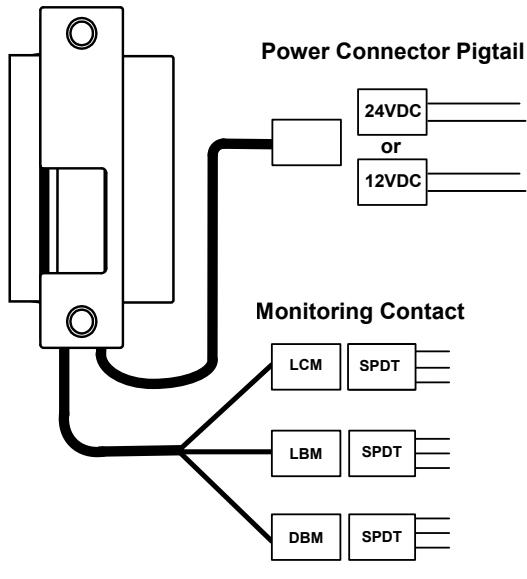
MODEL	FACEPLATE DIMENSION	LOCKSET	APPLICATION	COMPATIBLE LOCKS	OPERATION
55-A			<ul style="list-style-type: none"> Cylindrical locksets Locksets with ANSI centerline latch entry lockset with up to 3/4" latchbolt 	<ul style="list-style-type: none"> All cylindrical locksets with 1/2" to 5/8" latchbolts SDC 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			<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 	After releasing the latchbolt, the keeper returns to the locked position.
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 SDC Baldwin Hager 	After releasing the latchbolt, the keeper returns to the locked position.
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>Night-Latch/Access Control Lockout: When the deadbolt is projected the strike will not release by access control.</p> <p>Deadbolt Retainer Removed</p> <p>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.</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 SDC Hager 	

FIG. 1 WIRE DIAGRAM
55 SERIES ELECTRIC STRIKE



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. 2 FIELD REVERSIBLE
FAILSAFE / FAILSECURE

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

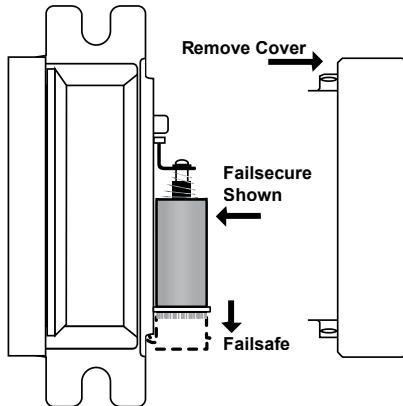


FIG. 3 QUICK CONNECT POWER INPUT
(INCLUDED WITH STRIKES)

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

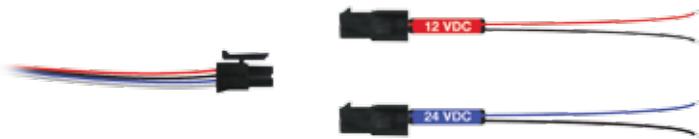


FIG. 4 QUICK CONNECT BUZZER (SEE ACCESSORIES)

- 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

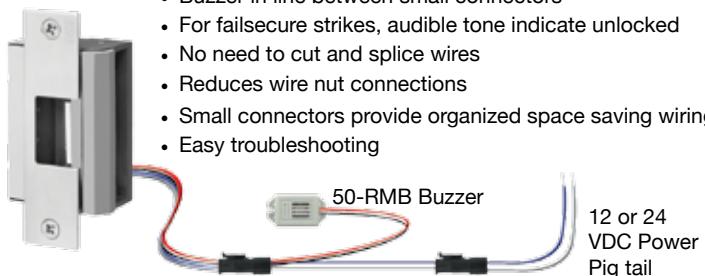


FIG. 5 QUICK CONNECT BRIDGE RECTIFIER (SEE ACCESSORIES)

- 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

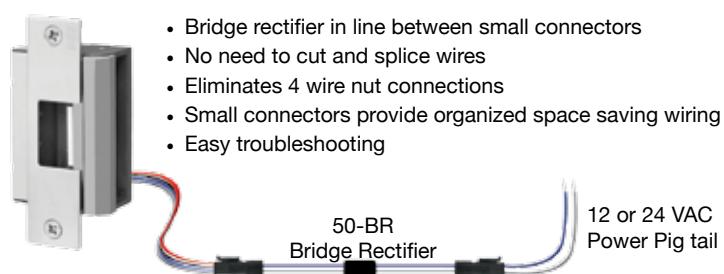


FIG. 6 HORIZONTAL ALIGNMENT ADJUSTMENT

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.

