UniFLEX™ 55 Series Universal Application Strike

55-A For cylindrical locksets and locksets with ANSI centerline latch entry with up to ¾" 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 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

5 YEAR LIMITED WARRANTY

Patent # US 8,851,532

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).

SECURITY
LISTED
UL 1034 Burglary-Resistant
BP10254
40WH

UniFLEX™ Universal Strike

55-ABC

Application

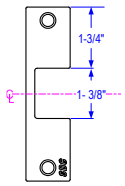
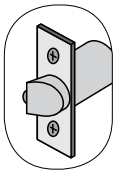
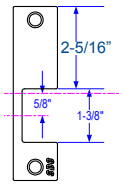
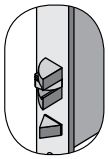
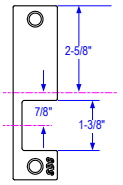
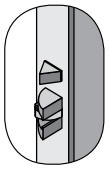
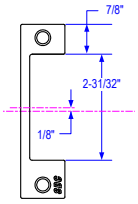
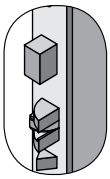
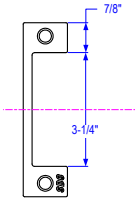
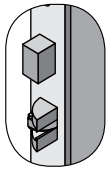
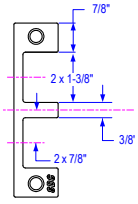
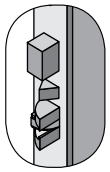
55-ABC Universal Strike for cylindrical locks, mortise locks without deadbolts and mortise exit devices, including:

SDC	*Corbin Russwin*	*Marks*
Accurate	*Dorma*	*Sargent*
Arrow	*Falcon*	*Schlage*
Baldwin	*Hager*	*Yale*
Best		

UniFLEX™ Spec - Application Specific Faceplates Included

How to Specify: See page 3

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	Face Plate	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 ***SDC*** - 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 • Dorma • Arrow • Falcon • Best • Marks • Corbin Russwin • Sargent • Yale	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 • ***SDC*** - 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	• Accurate • Dorma • Arrow • Falcon • Best • Marks • Corbin Russwin • Sargent • Yale	**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.
55-E			• Mortise lockset with a deadbolt. • With deadbolt retainer installed, access control will not release projected deadbolt. • With deadbolt retainer removed,	• 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	• Schlage • ***SDC*** - See M7800 Datasheet • Hager	

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 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

Accessories Faceplates

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

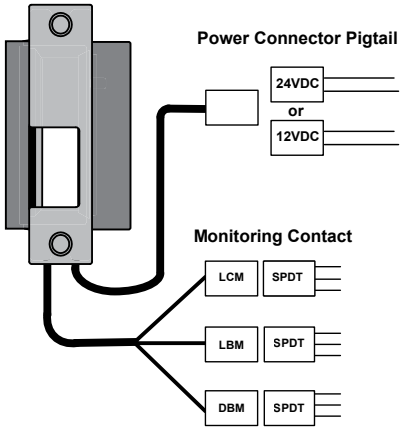
50A **50B** **50C**
50D **50E** **50F**

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

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.

Monitoring Configurations

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

A Faceplate

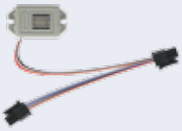
B and C Faceplate

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

D or E Faceplate

F Faceplate

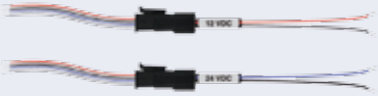
Accessories



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)

Latch and Deadbolt Monitoring Strikes

Compatible with Mechanical, Electrified and Battery Powered

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

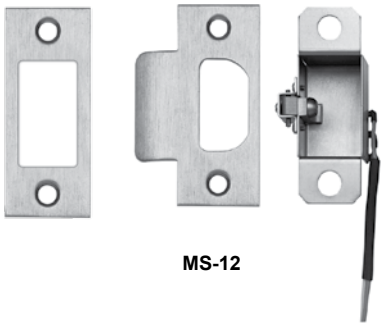
Standard Features

- 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.

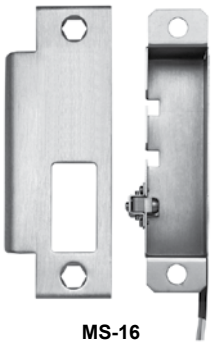
MS-12 SPDT Cylindrical latch or tubular deadbolt monitor 2-3/4"
MS-14 SPDT Cylindrical latch monitor 4-7/8"
MS-16 SPDT Mortise lock latch monitor
MS-18 SPDT Mortise lock deadbolt monitor
MS-20* SPDT Mortise lock latch and deadbolt monitor
MS-12D DPDT Cylindrical latch monitor 2-3/4"
MS-14D DPDT Cylindrical 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

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