

Catalog Cuts

for

Xcel Sports Complex

Sorted by DHI Sequence

Prepared By
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Catalog Cut Summary

Mfr	Description	Catalog Number	Cut
IVE	CONT. HINGE	112HD EPT	IVE_0274~IVE_0255
IVE	CONT. HINGE	112HD	IVE_0274~IVE_0255
IVE	CONT. HINGE	224HD	IVE_0255
IVE	HINGE	5BB1 4.5 X 4.5	IVE_0250
IVE	HINGE	5BB1 4.5 X 4.5 NRP	IVE_0250
VON	POWER TRANSFER	EPT10	VON_0060
IVE	MANUAL FLUSH BOLT	FB458 24"	IVE_0097
IVE	DUST PROOF STRIKE	DP2	IVE_0098
SCH	ENTRANCE/OFFICE LOCK	ND50PD ATH	SCH_0048
SCH	PRIVACY LOCK	ND40S ATH	SCH_0048
SCH	PASSAGE SET	ND10S ATH	SCH_0048
SCH	STOREROOM LOCK	ND80PD ATH	SCH_0048
SCH	CLASSROOM LOCK	ND70PD ATH	SCH_0048
ADA	DEADLOCK	MS1850S	Cut sheet attached
VON	ELEC PANIC HARDWARE	QEL+-9949-EO	VON_9899_032_B~VON_9899_033_B~VON_QEL_001~VON_QEL_SELL_001~VON_QEL_SELL_002
VON	ELEC PANIC HARDWARE	QEL+-9949-NL-OP-110MD	VON_9899_032_B~VON_9899_033_B~VON_QEL_001~VON_QEL_SELL_001~VON_QEL_SELL_002
VON	DUMMY PUSH BAR	330	VON_33A35A_028
VON	PANIC HARDWARE	99-NL-OP-110MD	VON_9899_006~VON_9899_041~VON_9899_007
VON	PANIC HARDWARE	LD-99-EO	VON_9899_006~VON_9899_041~VON_9899_007~VON_9899_050
VON	PANIC HARDWARE	LD-9949-EO	VON_9899_032_B~VON_9899_033_B~VON_9899_050
VON	PANIC HARDWARE	LD-9949-L-NL-07	VON_9899_032_B~VON_9899_033_B~VON_9899_050
SCH	RIM CYLINDER	20-057	SCH_CYL_FSIC
SCH	MORTISE CYLINDER	20-062	SCH_CYL_FSIC
KAB	ADA THUMBTURN CYL	ADA7181TK1	Cut sheet attached
SCH	MORTISE CYLINDER	20-013 118	SCH_CYL_Rim
VON	ELECTRIC STRIKE	6300 FSE	VON_0112
IVE	90 DEG OFFSET PULL	8190HD 10" O	IVE_0124~IVE_5002

Project: Xcel Sports Complex	Control #: 202820	Print Date: Jul 21 2015 1:55PM EDT	
Company: Allegion, PLC	Version #: 1	Ver Date: Jul 21 2015 10:54AM EDT	Page 2 of 3

Mfr	Description	Catalog Number	Cut
IVE	PUSH/PULL BAR	9103EZHD-10"-NO	IVE_0126~IVE_5004
IVE	PUSH/PULL BAR	9190HD-10"-NO	IVE_0126~IVE_5004
GLY	OH STOP	100S	GLY_0004
GLY	OH STOP & HOLDER	90F J	GLY_0003
GLY	OH STOP & HOLDER	100F ADJ	GLY_0004
GLY	OH STOP & HOLDER	90F	GLY_0003
LCN	SURFACE CLOSER	4111 EDA	LCN_4110
LCN	SURFACE CLOSER	4111 SCUSH	LCN_4110
LCN	SURFACE CLOSER	4011 ST-1544	LCN_4010
LCN	SURFACE CLOSER	4111 SCUSH	LCN_4110
IVE	KICK PLATE	8400 10" X 2" LDW B4E	IVE_0223
IVE	KICK PLATE	8400 10" X 1" LDW B4E	IVE_0223
IVE	WALL STOP	WS406/407CCV	IVE_0141
ZER	RAIN DRIP	142A	ZER_0076
ZER	SEALS	188S	ZER_0080
ZER	SEALS	328AA	ZER_0070
ZER	MEETING STILE SEAL	8193AA	ZER_0070
ZER	DOOR SWEEP	39A	ZER_0027
ZER	THRESHOLD	625A MSLA-10	ZER_0089
ZER	THRESHOLD	566A MSLA-10	ZER_0058
VON	POWER SUPPLY	PS902 900-2RS	SCE_0087

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**224HD****Full Mortise Aluminum Geared Continuous Hinge**

Handing required when modified

- Door Edge Protector
- 48" Maximum Door Width
- 1/16" Door Inset
- Beveled or Square Edge Doors

For Doors Weighing up to 450 pounds without reinforcing,
600 pounds with reinforcing

Standard lengths 83", 85", 95", 120"

Standard Mounting Hardware

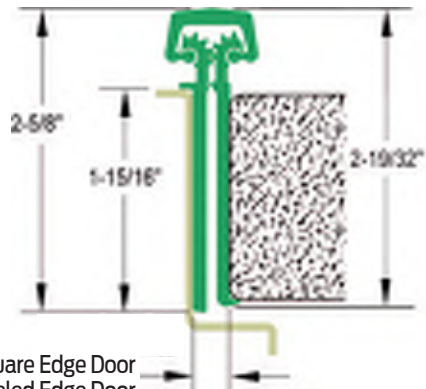
12-24 X 3/4" Steel Self Drilling, Self Tapping Screws

Optional WD - Wood Screws or SEC - Security Fasteners Available

Finishes

Clear (CL), Dark Bronze (DB)

Custom Anodizing and Painting are
available, consult factory.



5/16" Clearance for Square Edge Door
1/32" Clearance For Beveled Edge Door

Electrical Cutouts

Ives Aluminum Geared Continuous Hinges are available with factory modified cutouts to accommodate most electrical frame to door requirements. Special templates are required.

When ordering indicate the following:

1. Opening size.
2. Handing. LH, RH, RHR or LHR.
3. Manufacturer and model number of the electrical product being used. Example; Von Duprin EPT2

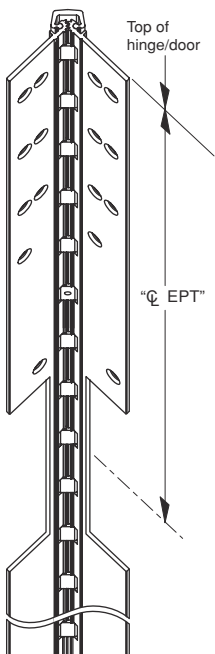
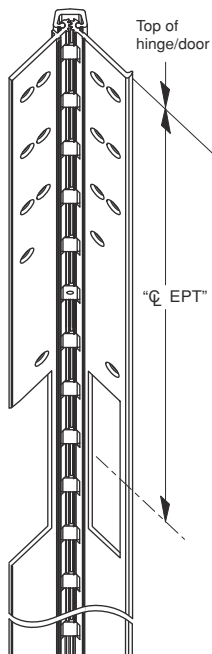
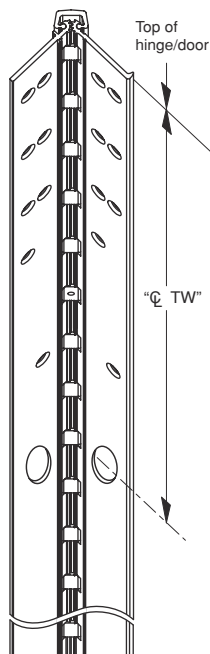
Because clearances may vary between door and frame manufacturer, and locations can be influenced by the door hardware it is always recommend contacting Ives Customer Technical for specific template information.

For your general information below are standard locations for Von Duprin EPT2 or EPT10, and monitor switch.

From Top Edge of Door to Center Line of Cut-Out

Standard Length	112HD EPT	224HD EPT	112HD/224HD TW
83"	30"	30"	41-1/2"
85"	32"	32"	42-1/2"
95"	42"	42"	57-3/4"
120"	67"	67"	81-25/32"

TWP option centered in hinge.

**EPT
112HD****EPT
224HD****TW
112HD
224HD**

Note: See ordering guide in price book for proper placement.

**112HD****Full Mortise Aluminum Geared Continuous Hinge**

- Non Handed
- Flush Mounted, No Inset
- 48" Maximum Door Width
- Beveled or Square Edge Doors

For Doors Weighing up to 450 pounds without reinforcing,
600 pounds with reinforcing

Standard lengths 83", 85", 95", 120"

Standard Mounting Hardware

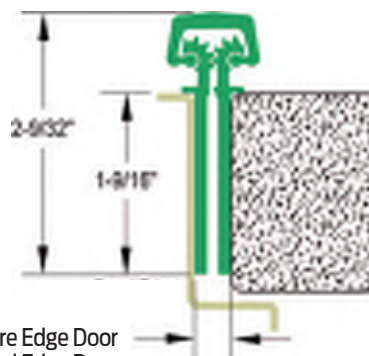
12-24 X 3/4" Steel Self Drilling, Self Tapping Screws

Optional WD - Wood Screws or SEC - Security Fasteners Available

Finishes

Clear (CL), Dark Bronze (DB)

Custom Anodizing and Painting are available, consult factory.



5/16" Clearance for Square Edge Door
1/32" Clearance For Beveled Edge Door

**157XY****Full Surface, Center Pivot Aluminum Geared Continuous Hinge**

- Non Handed
- Narrow Frame
- 1/16" Door Inset
- 48" Maximum Door Width
- Beveled or Square Edge Doors
- A patented easy-to-install, heavy duty, full surface continuous hinge
- Lateral and vertical adjustability while the door is still hanging

For Doors Weighing up to 550 pounds

Standard lengths 83", 95", 119"

Standard Mounting Hardware

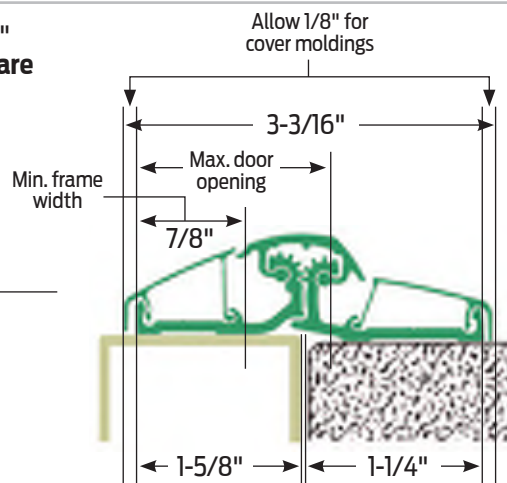
12-24 X 1/2" Steel Self Drilling and Tapping Screws,

Optional Wood Screws and Security Fasteners Available

Custom Paint Finish Available

Finishes

Clear (CL), Dark Bronze (DB)





Meets ANSI/BHMA A156.1
A8133 – Steel
A5133 – Stainless Steel
A2133 – Brass

5PB1 5 Knuckle, Plain Bearing Full Mortise Hinge

- For standard weight doors
- Low frequency usage
- Packed with wood and metal screws

Not for use with a door closer.

Options

- NRP, Non-Removable Pin
- SH, Security Stud
- HT, Hospital Tip
- RC, Round Corners - 1/4" or 5/8" Radius
- SEC, Security Fasteners - Pin-in-Socket

Dimensions

Size (Inches)	Size (mm)	Gauge
3.5 x 3.5	89 x 89	0.123
4 x 4	102 x 102	0.134
4.5 x 4	114 x 102	0.134
4.5 x 4.5	114 x 114	0.134
5 x 4.5	127 x 114	0.134



Meets ANSI/BHMA A156.1
A8112 – Steel
A5112 – Stainless Steel
A2112 – Brass

5BB1 5 Knuckle, Ball Bearing Full Mortise Hinge

- For standard weight doors
- Medium frequency usage
- 2 ball bearing
- Packed with wood and metal screws

Options

- NRP, Non-Removable Pin
- SH, Security Stud
- HT, Hospital Tip
- RC, Round Corners - 1/4" or 5/8" Radius
- SEC, Security Fasteners - Pin-in-Socket

Dimensions

Size (Inches)	Size (mm)	Gauge	Size (Inches)	Size (mm)	Gauge
3.5 x 3.5	80 x 102	0.130	5 x 4.5	127 x 114	0.146
4 x 4	102 x 102	0.130	5 x 5	127 x 127	0.146
4.5 x 4	114 x 102	0.134			
4.5 x 4.5	114 x 114	0.134			

Finishes brass

Ives Finish	US3	US4	US10	US10B	US10A	US11	US15	US26	US26D
BHMA	605	606	612	613	614	616	619	625	626

Finishes steel

Ives Finish	USP	US3	US4	US10	US10B	US10A	US11	US15	US26	US26D
BHMA	600	632	633	639	640	641	643	646	651	652

Finishes stainless steel

Ives Finish	US32	US32D
BHMA	629	630

Electrical Power Transfer

Electric Power Transfer provides a means of transferring electrical power from a door frame to the edge of a swinging door. The units are completely concealed when the door is in the closed position, and are ideally suited for installations involving abuse or heavy traffic.

Two models are available; EPT-2, two 18 gauge wires and EPT-10, ten 24 gauge wires.

The EPT-2 and EPT-10 are UL listed as "miscellaneous door accessory."

Pneumatic Controls

PNT-1 is available for pneumatic latch retraction exit devices. Appearance and dimensions are identical to EPT models.

UL listed for use on fire doors.

Door Applications

Up to 5" butt hinges - 180° Swing
5 1/2" butt hinges - 130° Swing
6" butt hinges - 110° Swing
3/4" butt offset pivots - 180° Swing

Not for use with swing clear hinges or center-hung pivots.

SPECIFICATIONS

Housing — 9" x 1 1/4" x 1 1/8"
(229mm x 32mm x 38mm)

EPT-2 — Two 18 gauge wires
Up to 2 amps @ 24VDC, with a
16 amps maximum surge

EPT-10 — Ten 24 gauge wires, up to
1 amp @ 24VDC, with a
16 amps maximum surge

PNT-1 — 3/32" tubing

TO ORDER, SPECIFY:

1. EPT-2, EPT-10 or PNT-1
2. Finish, SP28 or SP313



UL Listed as "Miscellaneous" Fire Door Accessory" GVUX

Junction Box

High quality NEMA 1, junction boxes provide convenient installation, available in three models. These surface mounted units are 10" (254mm) high, 10" (254mm) wide and 6" (152mm) deep and includes hinged door with twist turn lock. 24 position terminal strip will accept from 24 to 12 gauge wire.

Five models:

- JB7** Junction box only.
JB7-R1 Junction box with SPDT Relay.
JB7-R2 Junction box with DPDT Relay.
JB7-R3 Junction box with DPDT Relay on Make Relay.
JB7-R4 Junction box with DPDT Relay on Brake Relay.



A
Hinges & Pivots

B
Pulls & Plates

C10
Flush Bolts & Coordinators

D
Latches, Catches & Bolts

E
Stops

F
Exterior Hardware

G
Miscellaneous Hardware



Meets ANSI/BHMA A156.16, L04251.
UL Listed 90 Minute Fire Doors 8'0" x 10'0"

FB458 Top or Bottom Bolts

- When the active door is opened, the lever can be moved to the 'up' position, retracting the bolt and allowing the inactive leaf to be opened. When the inactive leaf is closed, the lever can be moved to the 'down' position, projecting the bolt into the strike and securely locking the inactive leaf.
- Simplified installation in metal frames. Round bolt head requires only a punched hole. Use of strike optional. Special design of guide and flat sided bolt tip to prevent bolt rotation.
- Non-handed.
- Bolt tip is 1/2" diameter.
- Bolt throw is 3/4" with a 7/8" vertical adjustment.
- Bolt backset is 3/4"
- Standard Rod Length is 12", which is measured from the center of the flush bolt body to the bolt tip. Optional Rod Lengths available - 6", 9", 18" and 24" for fire rated Doors. Optional Rod lengths available - 6", 9", 18", 24", 30", 36" and 48" for non-fire rated doors.

DPI or DP2 optional dust proof strike available, see page C11.

Dimensions

Body Size: 1" Wide x 6-3/4" Long x 1-1/8" Deep

Guide Size: 1" Wide x 2" Long x 5/64" Thick

Strike Size: 15/16" Wide x 2-1/4" Long x 5/64" Thick

Finishes

Ives Number	US3	US4	US5	US10	US10B	US15	US26	US26D
BHMA	605	606	609	612	613	619	625	626



DP1



DP2

Meets Meets ANSI/BHMA 156.16, L14011.

DP1

DP2

Dust Proof Strikes

- Designed for use with the bottom bolt of all flush bolts.
- Spring-loaded plunger returns to floor or threshold level anytime flush bolt is retracted, eliminating need to clean standard floor strikes.
- Strike hole is 3/4" Diameter and 1-1/8" Deep

Dimensions

DP1 Face Plate: 1-7/16" Diameter

DP2 Face Plate: 1-5/8" W x 3-1/2" L x 1/8" Thick

Body: 1-3/16" Diameter x 1-7/8" Deep

Finishes

Ives Number	US3	US4	US10	US10B	US26	US26D
BHMA	605	606	612	613	625	626

Hinges & Pivots

A

Pulls & Plates

B

Flush Bolts & Coordinators

C11

Latches, Catches & Bolts

D

Stops

E

Exterior Hardware

F

Miscellaneous Hardware

G

MS1850S Series MS® Deadlock



ALUMINUM

GRADE 1
E8211

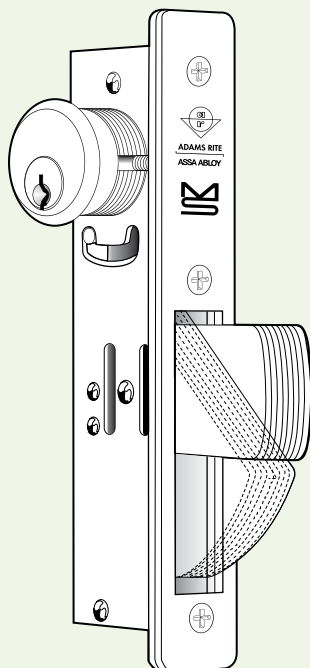
The MS1850S Deadlock utilizes a laminated stainless steel bolt, activated by a pivot mechanism to provide maximum security for a single leaf narrow stile door.

Function

A huge bolt of laminated stainless steel, nearly three inches long, activated by an uncomplicated pivot mechanism, has made this basic MS® Deadlock the standard of the narrow stile door industry. The length of this bolt provides maximum security for a single leaf door, even a very tall and flexible one or an installation where the gap between the door and jamb is greater than it should be.

Operation

360° turn of key or thumbturn throws or retracts the counterbalanced bolt. Key can be removed only when bolt is in a positively locked or unlocked position. Lock accepts any standard 1-5/32" diameter mortise cylinder or thumbturn from either or both sides. Cylinder must have MS® dimensioned cam.



Specifications

CYLINDER BACKSET

- 7/8", 31/32", 1-1/8", or 1-1/2" only.

CASE

- Steel with corrosion-resistant plating, measures 1" x 6" x depth. Depth varies by backset (see table on back of page).

BOLT

- 5/8" x 1-3/8" x 2-7/8" with 1-3/8" throw. Eight-ply laminated stainless steel. Center ply has alumina-ceramic core to defeat any hacksaw attack, including rod-type "super" hacksaws.

FACEPLATE

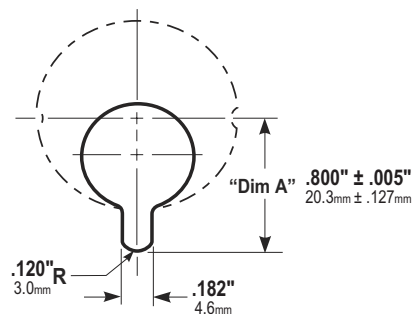
- Measures 1" x 6-7/8"

STRIKE

- See back of page for dimensions of strike slot which can be cut in metal jamb. Trim plate, box strike, and armored strike are available separately.

CYLINDER CAM

- MS1850S Deadlocks are operable by any standard 1-5/32" diameter mortise cylinder with MS® cam dimensioned as shown. Cylinders with MS® cams can be readily obtained from most cylinder manufacturers. See CYLINDERS section for cylinder make, thumbturn and trim ring information.



OPTIONS

- For jambs too narrow to accept the long bolt, the MS1850S-050 offers a shorter bolt with hook shape to provide equal security against door-prying attempts. 1850S-020 short throw without hook is also available. Second and third point locking bolts are available for pairs of doors. All use any make standard mortise cylinder and thus can be keyed into systems with other types of doors. "SCHOOLHOUSE" version, also available, is modified so that operation from inside is "unlock only". This lock is handed and must be specified LH or RH. Specify Series SCH1850S. Same faceplate and backset options as Series MS1850S. Operation from inside, with standard Adams Rite 4066 Turn or with 4550 Deadlock Lever. For wood or hollow metal, see MS1850SN.

STANDARD PACKAGE

- Individually boxed with machine screws for mounting. Cylinders and/or thumbturns available separately. Shipping weight: 1-1/2 lbs.

ND-Series

The toughest cylindrical lock for heavy-duty commercial applications.

At Schlage we know that every product you specify has to stand up to constant use and abuse without compromising security. The ND-Series gets the job done with tough, dependable ANSI Grade 1 locks designed for use in schools, hospitals, offices, retail spaces, and colleges and universities. Built for heavy duty applications, ND-Series locks are easy to service and maintain, are available with our exclusive Vandlgard® technology, and offer a wide range of styles and finishes to fit your project needs.

Pictured here: Sparta lever shown
in 626 Satin Chrome

We don't compromise on security.

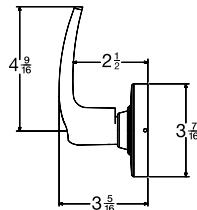
The safety and security of your clients' buildings is something we take very seriously. That's why every Schlage lock and deadbolt undergoes intensive testing to determine its ANSI grade level:

- Cycle tests
- Resistance tests
- Door impact tests
- Warped door tests
- Bolt strength tests

We pay attention to these details so you can focus on creating a functional and aesthetically pleasing environment for your clients. In fact, every one of our ND-Series locks meets ANSI Grade 1 standards for safety.

Lever Designs

Athens

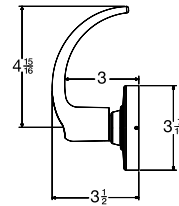


Symbol: ATH (L-Series 07)

Material: Pressure cast zinc lever; wrought brass rose



Sparta

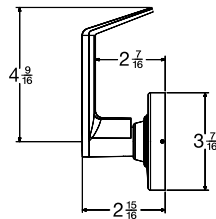


Symbol: SPA (L-Series 17)

Material: Pressure cast zinc lever; wrought brass rose



Rhodes

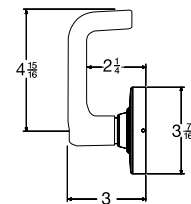


Symbol: RHO (L-Series 06)

Material: Pressure cast zinc lever; wrought brass rose



Tubular

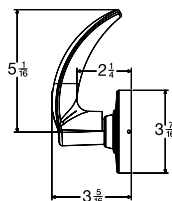


Symbol: TLR (L-Series 03)

Material: Pressure cast zinc lever; wrought brass rose



Omega



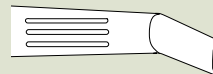
Symbol: OME (L-Series Omega)

Material: Pressure cast zinc lever; wrought brass rose



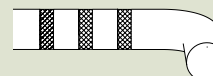
Tactile Warning

Milled



Order as follows:
8AT for Athens
8RO for Rhodes
8SP for Sparta

Knurled



Order as follows:
8TR for Tubular

Only available on outside lever, unless otherwise specified

All designs shown in 626 Satin Chrome



= Standard cylinder.



= FSIC - Full size interchangeable core option.



= SFIC - Small format interchangeable core option.



= Complies with ADA Accessibility Guidelines.



= Antimicrobial coating available on 626 finish only.

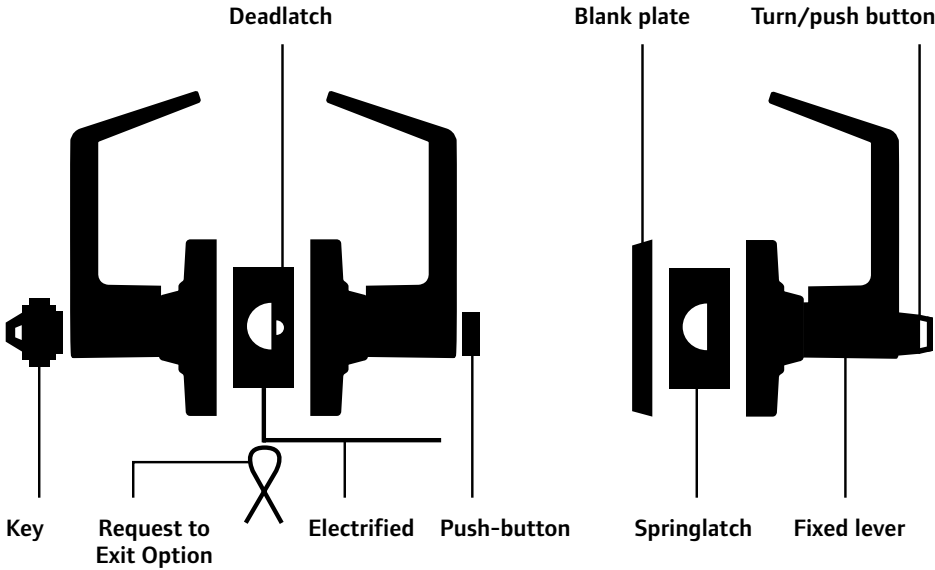


= Meets California code for 1/2" or less return to the door.



= Extended factory lead time.

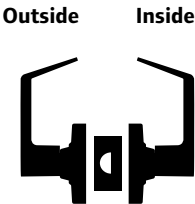
Lock Functions | ANSI A156.2 Series 4000 Grade 1



Non-Keyed Locks

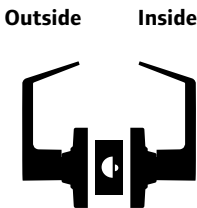
SCHLAGE ANSI
ND10S F75

Passage Latch
• Both levers always unlocked.



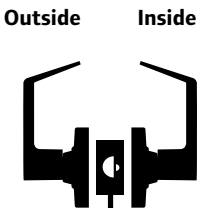
SCHLAGE ANSI
ND12D F89

Exit Lock
• Outside lever always fixed.
• Inside lever always unlocked.



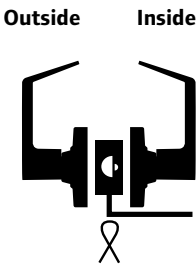
SCHLAGE ANSI
ND12DEL -

Electrically Locked (Fail Safe)
• Outside lever continuously locked electrically.
• Unlocked by switch or power failure.
• Auxiliary latch deadlocks latchbolt when door is closed.
• Inside lever always free for immediate exit.



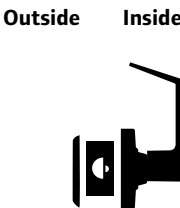
SCHLAGE ANSI
ND12DEU -

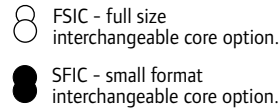
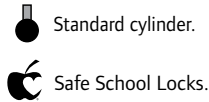
Electrically Unlocked (Fail Secure)
• Outside lever continuously locked until unlocked by electric current.
• Auxiliary latch deadlocks latchbolt when door is closed.
• Inside lever is always free for immediate exit.



SCHLAGE ANSI
ND25D -

Exit Lock
• Blank plate outside.
• Inside lever always unlocked.





† **Caution:**
Double cylinder locks are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

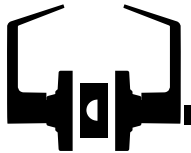
Keyed Locks

SCHLAGE ANSI
ND40S F76

Bath/Bedroom Privacy Lock

- Push-button locking.
- Can be opened from outside with a small screwdriver.
- Turn inside lever or close door to release button.

Outside Inside

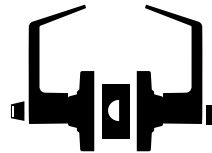


SCHLAGE ANSI
ND44S -

Hospital Privacy Lock

- Push-button locking.
- Unlocked from outside by turning emergency turn-button.
- Turn inside lever or close door to release button.

Outside Inside



SCHLAGE ANSI
ND170

Single Dummy Trim

- Dummy trim for one side of door.
- Used for door pull or as matching inactive trim.

Outside/Inside

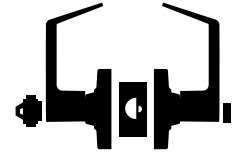


SCHLAGE ANSI
ND50PD F82

Entrance/Office Lock

- Push-button locking.
- Push-button locks outside lever until it is unlocked with key or by turning inside lever.

Outside Inside

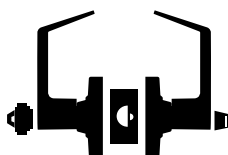


SCHLAGE ANSI
ND53PD F109

Entrance Lock

- Turn/push-button locking: Pushing and turning the button locks the outside lever, requiring use of a key until the button is manually unlocked.
- Push-button locking: Pushing button locks outside lever until unlocked by key or by turning the inside lever.

Outside Inside

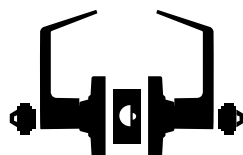


SCHLAGE ANSI
ND60PD F88

Vestibule Lock

- Latch retracted by key from outside when the outside lever is unlocked by key in inside lever.
- Inside lever is always unlocked.

Outside Inside

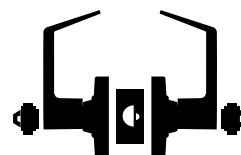


SCHLAGE ANSI
ND66PD F91

Store Lock†

- Key in either lever locks or unlocks both levers.

Outside Inside



SCHLAGE ANSI
ND70PD F84

Classroom Lock

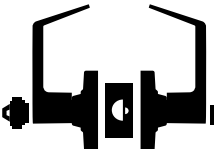

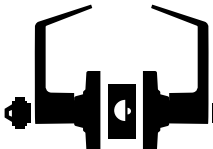



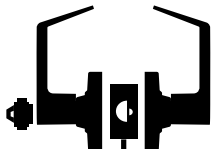

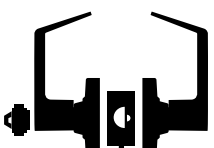

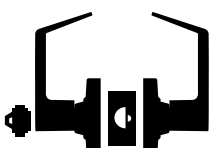

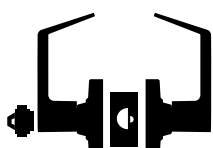



- Outside lever locked and unlocked by key.
- Inside lever always unlocked.

Outside Inside



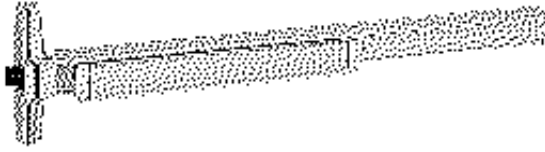
Lock Functions | ANSI A156.2 Series 4000 Grade 1

Keyed Locks (continued)

<p>SCHLAGE ANSI</p> <p>ND73PD F90</p> <p>Corridor Lock</p> <ul style="list-style-type: none"> • Locked or unlocked by key from outside. • Push-button locking from inside. • Turn inside lever or close door to release button. • When outside lever is locked by key it can only be unlocked by key. • Inside lever is always unlocked. <div> <div>Outside</div> <div>Inside</div>  </div> <div>  </div>	<p>SCHLAGE ANSI</p> <p>ND75PD -</p> <p>Classroom Security Lock</p> <ul style="list-style-type: none"> • Key in either lever locks or unlocks outside lever. • Inside lever is always unlocked. <div> <div>Outside</div> <div>Inside</div>  </div> <div>  </div>	<p>SCHLAGE ANSI</p> <p>ND80PD F86</p> <p>Storeroom Lock</p> <ul style="list-style-type: none"> • Outside lever is fixed. • Entrance by key only. • Inside lever always unlocked. <div> <div>Outside</div> <div>Inside</div>  </div> <div>  </div>	<p>SCHLAGE ANSI</p> <p>ND80PDEL -</p> <p>Electrically Locked (Fail Safe)</p> <ul style="list-style-type: none"> • Outside lever continuously locked electrically. • Unlocked by key outside or by switch or power failure. • Auxiliary latch deadlocks latchbolt when door is closed. • Inside lever always free for immediate exit. <div> <div>Outside</div> <div>Inside</div>  </div> <div>  </div>
<p>SCHLAGE ANSI</p> <p>ND80PDEU -</p> <p>Electrically Unlocked (Fail Secure)</p> <ul style="list-style-type: none"> • Outside lever continuously locked until unlocked by key or electric current. • Auxiliary latch deadlocks latchbolt when door is closed. • Inside lever always free for immediate exit. <div> <div>Outside</div> <div>Inside</div>  </div> <div>  </div>	<p>SCHLAGE ANSI</p> <p>ND82PD F87</p> <p>Institution Lock†</p> <ul style="list-style-type: none"> • Both levers are fixed. • Entrance by key in either lever. <div> <div>Outside</div> <div>Inside</div>  </div> <div>  </div>	<p>SCHLAGE ANSI</p> <p>ND85PD -</p> <p>Faculty Restroom Lock</p> <ul style="list-style-type: none"> • Outside lever is fixed. • Entrance by key only. • Push-button in inside lever activates visual occupancy indicator, allowing only emergency master key to operate. • Turn inside lever or close door to release visual occupancy indicator. • Rotation of inside spinner-button provides lock-out feature by keeping indicator thrown. <div> <div>Outside</div> <div>Inside</div>  </div> <div>  </div>	<p>SCHLAGE ANSI</p> <p>ND91PD F82</p> <p>Entrance/Office Lock</p> <ul style="list-style-type: none"> • Push-button locking. • Push-button disengages outside lever until locked with key or by turning inside lever. • Vandlgard is designed to disengage outside spindle from latch when locked. <div> <div>Outside</div> <div>Inside</div>  </div> <div>  </div>

Vandlgard Functions

Pneumatic Controlled Exit Devices—PN



The PN feature provides remote latch bolt retraction in hazardous areas where electrically operated devices would not be permitted. The pneumatic solenoid will retract the latch bolt for momentary or prolonged periods. PN exit devices are particularly suited for use with automatic door operators. The PN feature is available on both Panic and Fire Exit Hardware devices.

The PN feature includes a special actuating linkage that gives building owners the option of mechanically or pneumatically dogging the exit device. If manual hex-key dogging is required, specify HD-PN (Dogging the device, whether mechanically or pneumatically, makes the device function as a push/pull unit and reduces the wear on its moving parts.)

When activated pneumatically, the latch bolt(s) of the exit device retract in ½ to 1 ½ seconds. This pneumatic operation uses air pressure ranging from 50 to 100 pounds per square inch.

This product will function only when it is part of a pneumatic system (air compressor, air lines, pneumatic system, etc.). Contact LCN for correct control boxes

To Order, Specify:

- Standard — Use prefix PN, example PN33ANL
- Hex Key Dogging — Use prefix HD-PN, example HD-PN33ANL

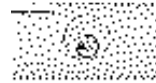
Less Dogging – LD

Less Dogging is available in all 33A/35A Panic Exit devices to remove the dogging option.

To Order, Specify:

- Use prefix LD, example LD33AL

Cylinder Dogging — CD



Cylinder dogging is available on all 33A/35A Panic Exit devices to replace the standard hex key dogging. Unit requires a standard 1¼" (32mm) mortise cylinder with a straight cam (Schlage Cam B502-191 reference).

To Order, Specify:

- Use prefix, CD, example CD33AL

Cylinder Dogging Kit — CDK

For field conversion, a cylinder dogging conversion kit is available. Cannot be added to fire exit hardware.

Order: 33A/99CDK or 35A/98CDK, specify finish.

Hex Key Dogging Kit — HDK

For field conversion, a hex key dogging conversion kit is available. Cannot be added to fire exit hardware.

Order: 33A/99HDK or 35A/98HDK, specify finish.

Dummy Pushpad

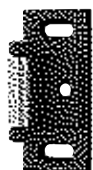
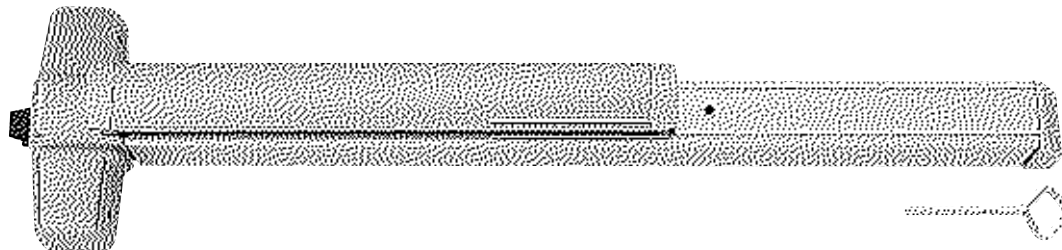


The 330 dummy pushpad is designed as a companion unit for all 33A devices. The 350 dummy pushpad is a companion unit for all 35A devices. The pushpad is rigid or nonfunctioning. A push/pull operation can be accomplished by using 386DT, 360L-DT, 550DT, 392-6 trim or any Ives Pull

The 330/350 can be equipped with a functional pushpad and will accommodate an RX switch. Specify RX-330. May also be equipped with the RX2, double RX switch. Specify RX2-330

To order, specify:

1. 330 or 350.
2. Size 3' or 4' (914mm or 1219mm)
3. Finish, US3, US4, US10, US26, US26D, US28, 313AN, 315AN, 350 Only US32D.



299 Strike

98 and 99 rim exit devices for all types of single and double doors with mullion, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 98 device has a smooth mechanism case and the 99 device has a grooved case. The rim device is non-handed except when the following device options are used: SD (Special Dogging), -2 (Double Cylinder) or SS (Signal Switch). See Opposite page for available outside trim and device functions. Covers stock hollow metal doors with 86 or 161 cutouts on single doors (may cover cutouts on pairs – consult template).




The 98/99 devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 98 device only. See page 52 for component finishes and the inside cover for finish chips.

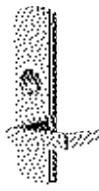


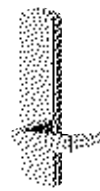
Specifications

Device Functions	Device ships EO/DT/NL. Field selectable. For TP,K,or L remove NL drive screw from device		
Device Lengths	3'	2'4" to 3' (711mm to 914 mm)	Door Size
	4'	2'10" to 4' (864 mm to 1219 mm)	Door Size
Strikes	299 – Dull Black Optional Strikes – see page 39		
Dogging Feature	Hex key dogging standard		
Dogging Options	CD	Cylinder Dogging	see page 48
	SD	Special Center Case Dogging	see page 48
	LD	Less Dogging	see page 48
Electric Options	LX	Latchbolt Monitor Switch	see page 42
	RX	Pushpad Monitor Switch	see page 42
	RX2	Double Pushpad Monitor Switch	see page 42
	E	Electric Locking & Unlocking	see page 44
	EL	Electric Latch Retraction	see page 43
	SS	Signal Switch	see page 43
	CX	Chexit Delayed Exit	see page 45
Miscellaneous Options	ALK	Alarm Exit Kit	see page 42
	PN	Pneumatic Latch Retraction	see page 48
	-2	Double Cylinder	see page 48
Fasteners & Sex Bolts (SNB)	GBK	Glass Bead Kit	see page 49
	Includes 1 ¾" (19mm) – 2 ¼" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities		
Latch Bolt	Deadlocking, ¾" (19mm) throw		
Device Centerline from Finished Floor	39 13/16" (1011 mm)		
	39 11/16" (1008 mm) with Mullion		
Center Case Dimensions	8" x 2 ¾" x 2 ¾" (203mm x 70mm x 60mm)		
Mechanism Case Dimensions	2 ¼" x 2 ¼" (57mm x 57mm)		
Projection	Pushbar Neutral – 3 13/16" (97 mm)		
	Pushbar Depressed – 3 1/16" (78 mm)		

See page 53 for How to Order specification

VON DUPRIN® 98/99™ Rim Exit Device Standard Trim

	Exit only	Dummy Trim Pull when Dogged	Night Latch Key Retracts Latchbolt	Night Latch Key Retracts Latchbolt Optional Pull Required
				
Product Description	98EO 99EO	98DT 99DT	98NL 99NL	98NL-OP 99NL-OP
Trim Description	---	990DT	990NL-R/V	110NL-MD 110NL-WD
Escutcheon Plate Size	---	3" x 14 ³ / ₁₆ " x ³ / ₃₂ " (76x360x2mm)	3" x 14 ³ / ₁₆ " x ³ / ₃₂ " (76x360x2mm)	---
Pull Center to Center	---	5 ¹ / ₂ " (140mm)	5 ¹ / ₂ " (140mm)	---
Projection	---	2" (51mm)	2" (51mm)	---
ANSI Function	01	02	03	03
Cylinder Type	---	---	Rim	Rim
Optional Trim (See pages 32 – 34)	x990EO x992EO x994EO x996EO	x991K-DT x992L-DT x994L-DT x996L-DT x696DT x697DT	x991K-NL x992L-NL x994L-NL x996L-NL x696NL x697NL	
Optional #425 Sex Bolt Quantity for Device	6	2	2	6

	Lever Key Locks & Unlocks	Lever – Night Latch Key Retracts Latchbolt	Lever – Blank Escutcheon Always operable (No Cylinder)	Lever Dummy Trim Pull when Dogged
				
Product Description	98L 99L	98L-NL 99L-NL	98L-BE 99L-BE	98L-DT 99L-DT
Trim Description	996L-R/V	996L-NL-R/V	996L-BE-R/V	996L-DT-R/V
Escutcheon Plate Size	2 ³ / ₄ " x 10 ³ / ₄ " x ²⁷ / ₃₂ " (70x273x21mm)	2 ³ / ₄ " x 10 ³ / ₄ " x ²⁷ / ₃₂ " (70x273x21mm)	2 ³ / ₄ " x 10 ³ / ₄ " x ²⁷ / ₃₂ " (70x273x21mm)	2 ³ / ₄ " x 10 ³ / ₄ " x ²⁷ / ₃₂ " (70x273x21mm)
Pull Center to Center	---	---	---	---
Projection	2 ⁷ / ₈ " (73mm)	2 ⁷ / ₈ " (73mm)	2 ⁷ / ₈ " (73mm)	2 ⁷ / ₈ " (73mm)
ANSI Function	08	09	---	02
Cylinder Type	Rim	Rim	---	---
Optional Trim (See pages 32 – 34)	x992L x994L	x992L-NL x994L-NL	x992L-BE x994L-BE	x992L-DT x994L-DT
Optional #425 Sex Bolt Quantity for Device	2	2	2	2

For optional trims and functions see pages 32-34

Pneumatic Controlled Exit Devices–PN



The PN feature provides remote latch bolt retraction in hazardous areas where electrically operated devices would not be permitted. The pneumatic solenoid will retract the latch bolt for momentary or prolonged periods. PN exit devices are particularly suited for use with automatic door operators. The PN feature is available on both Panic and Fire Exit Hardware devices.

The PN feature includes a special actuating linkage that gives building owners the option of mechanically or pneumatically dogging the exit device. If manual hex-key dogging is required, specify HD-PN (Dogging the device, whether mechanically or pneumatically, makes the device function as a push/pull unit and reduces the wear on its moving parts.) If cylinder dogging is required, the standard cylinder dogging is not available, but special center case dogging is available, specify SD-PN. SD-PN is not available on the 9875 or 9975 devices.

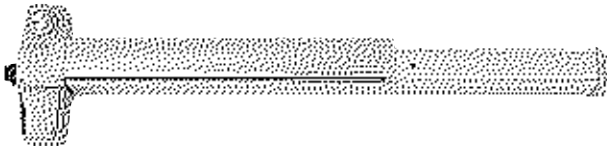
When activated pneumatically, the latch bolt(s) of the exit device retract in ½ to 1 ½ seconds. This pneumatic operation uses air pressure ranging from 50 to 100 pounds per square inch.

This product will function only when it is part of a pneumatic system (air compressor, air lines, pneumatic system, etc.). Contact LCN for correct control boxes

To Order, Specify:

- Standard — Use prefix PN, example PN99NL
- Hex Key Dogging — Use prefix HD-PN, example HD-PN99NL
- Special Center Case Dogging — Use prefix SD-PN, example SD-PN99NL

Double Cylinder – 2



Double cylinder features an inside key cylinder which locks or unlocks the outside trim and an outside key cylinder which retracts the latch bolt only (Night Latch Function). Available on rim or mortise lock device.

Rim requires two rim type cylinders. Mortise device requires 1 rim cylinder and 1 mortise cylinder 1¼" with a straight cam. (Schlage cam reference B502-191.)

Available functions are thumbpiece, knob or lever.

To Order, Specify:

1. Suffix-2 with device/trim number, example 99TP-2.
2. Handing required, LHR or RHR.

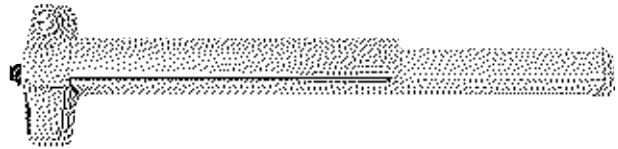
Less Dogging – LD

Less Dogging is available in all 98/99™ Panic Exit devices to remove the dogging option.

To Order, Specify:

- Use prefix LD, example LD99L

Special Center Case Dogging – SD



Special cylinder dogging in the center case is available for Chexit, EL, ALK panic devices to allow for mechanical push/pull operation. With this option, the latchbolt is held retracted and pushbar is still operable. Specify handing — RHR or LHR.

SD requires 1 ¼" (32mm) mortise cylinder with a straight cam. (Schlage cam reference B502-191.)

Note: Available on Rim and Vertical Rod Panic Exit Devices only.

To Order, Specify:

- Use prefix SD, example SD99L

Cylinder Dogging — CD



Cylinder dogging is available on all 98/99™ Panic Exit devices to replace the standard hex key dogging. Unit requires a standard 1¼" (32mm) mortise cylinder with a straight cam (Schlage Cam B502-191 reference).

To Order, Specify:

- Use prefix, CD, example CD99L

Cylinder Dogging Kit — CDK

For field conversion, a cylinder dogging conversion kit is available. Cannot be added to fire exit hardware.

Order: 33A/99CDK or 35A/98CDK, specify finish.

Hex Key Dogging Kit — HDK

For field conversion, a hex key dogging conversion kit is available. Cannot be added to fire exit hardware.

Order: 33A/99HDK or 35A/98HDK, specify finish.

Braille, Embossed and Knurled Touchpads



Braille touchpad is embossed with the message "CAUTION STAIRWELL" in braille and raised letters provides assistance to person with impaired vision. Letters are ½" (13mm) high and braille is #2, raised height is ⅜" (2mm). Other messages are available on special order, limited to 20 characters per line.

Embossed touchpad is embossed with the word "PUSH"
Knurled touchpad is to provide warning to person with impaired vision.

9849/9949 Concealed Vertical Cable Device

VON DUPRIN



Hex key dogging comes standard on 9849/9949 Concealed Vertical Cable Devices

9849/9949 concealed vertical cable device for use on single or metal doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 9849 device has a smooth mechanism case and the 9949 device has a grooved case. The concealed vertical cable device is non-handed except when the following device options are used: SD (Special Dogging), or SS (Signal Switch). See Opposite page for available outside trim and device functions.

Finishes – US3, US3A, US4, US4A, US10, US15, US26, US26D, US26D-AM Antimicrobial, US28, 313, 315 & 643E. US32D available with 98 Series only.



Specifications

Device Functions	Device ships EO/DT/NL. Field selectable. For TP, K or L remove NL drive screw from device.
Device Lengths	2' 2' (610mm) Door Size 3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size
Device Centerline from Finished Floor	39 5/8" (1006 mm) Standard
Center Case Dimensions	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)
Latch Bolt	Deadlocking Top & Bottom Bolt, 1/2" (13mm) throw
Door Undercut	3/4" (19mm) maximum
Top & Bottom Latch Case	5 13/16" x 1 1/4" x 1 7/16" (147mm x 32mm x 37mm)
Vertical Cable	7/32" (6mm) Diameter Stainless Steel Cables
Fasteners & Sex Bolts (SNB)	Includes screw pack for 1 3/4" (44mm) and 2 1/4" (57mm) thick metal doors. Optional 425 SNB available.
Electric Options	ALK Alarm Exit Kit CX Chexit Delayed Exit E Electric Unlocking and Locking Trim EL Electric Latch Retraction HD-EL Electric Latch Retraction w/ Hex Dogging LX Latchbolt Monitor Switch QEL Quiet Electric Latch Retraction RX2 Double Pushpad Monitor Switch RX996L Trim Monitor Switch RX Pushpad Monitor Switch RXLC Pushpad Monitor Switch - Low Current SS Signal Switch WP-RX Waterproof Request to Exit
Mechanical Options	GBK Glass Bead Kit LBL Less Bottom Latch PN Pneumatic Latch Retraction SEC Security Screws SG Safety Glow SLM SLM Blocking SNB Sex Bolts
Dogging Feature	Hex key dogging standard
Dogging Options	CD Cylinder Dogging LD Less Dogging SD Special Center Case Dogging DI Dogging Indicator CDI Cylinder Dogging Indicator
Strikes	Top - 249 - Unfinished, Bottom - 349 - Unfinished

QEL

Quiet Electric Latch Retraction

- Bolt retraction via switch
- Converts exit door to push-pull operation

CD

Cylinder Dogging

- Replaces hex key dogging
- Requires standard 1 1/4" mortise cylinder

CX

Chexit Delayed Exit

- Meets NFPA 101 requirements
- Self-contained controls, locking, alarm

RX

Pushpad Monitor Switch

- Signals use of an opening
- SPDT switch to monitor pushpad

EL

Electric Latch Retraction

- Enables remote unlatching
- Alternative to manual dogging

ALK

Alarm Exit Kit

- Unauthorized opening triggers 85-decibel horn
- Set in armed or disarmed mode by key

PN

Pneumatic Latch Retraction

- For areas where electrical devices banned
- Special linkage for mechanical or pneumatic dogging

DI

Dogging Indicator

- Monitor dogging status without a control panel
- Red indicator light shows visibility to dogging from over 75 feet

E (E 996L)

Electrified Breakaway Lever





- Electrified remote locking/unlocking
- Standard in fail safe condition





SG

Safety Glow




- Self illuminating touchpad
- No batteries or electronics

Standard Trim

	EO	DT	NL	NL-OP
				
	Exit only	Dummy Trim Pull When Dogged	Night Latch Key Retracts Latchbolt	Night Latch Key Retracts Latchbolt Optional Pull Required
Product Description	9849EO 9949EO	9849DT 9949DT	9849NL 9949NL	9849NL-OP 9949NL-OP
Trim Description		990DT	990NL-R/V	110NL-MD
Escutcheon Plate Size	—	3" x 14 ³ / ₁₆ " x ³ / ₃₂ " (76x360x2mm)	3" x 14 ³ / ₁₆ " x ³ / ₃₂ " (76x360x2mm)	—
Pull Center to Center	—	5 ¹ / ₂ " (140mm)	5 ¹ / ₂ " (140mm)	—
Projection	—	2" (51mm)	2" (51mm)	—
ANSI Function	01	02	03	03
Cylinder Type	—	—	Rim	Rim
Handing	—	—	—	—
Optional Trim <i>see pages 44-46</i>	x990EO x996EO	x996K-DT x996L-DT x697DT	x996K-NL x996L-NL x697NL	
Quantity needed Optional 425 SNB	6	2	2	6

	L	L-NL	-BE	L-DT
				
	Lever Key Locks & Unlocks	Lever - Night Latch Key Retracts Latchbolt	Lever - Blank Escutcheon Always operable (No Cylinder)	Lever Dummy Trim Pull When Dogged
Product Description	9849L 9949L	9849L-NL 9949L-NL	9849L-BE 9959L-BE	9849L-DT 9949 L-DT
Trim Description	996L-R/V*	996L-NL-R/V	996L-BE-R/V*	996L-DT
Escutcheon Plate Size	2 ³ / ₄ " X 10 ³ / ₄ " X ²⁷ / ₃₂ " (70x273x21mm)	2 ³ / ₄ " X 10 ³ / ₄ " X ²⁷ / ₃₂ " (70x273x21mm)	2 ³ / ₄ " X 10 ³ / ₄ " X ²⁷ / ₃₂ " (70x273x21mm)	2 ³ / ₄ " X 10 ³ / ₄ " X ²⁷ / ₃₂ " (70x273x21mm)
Pull Center to Center	—	—	—	—
Projection	2 ⁷ / ₈ " (73mm)	2 ⁷ / ₈ " (73mm)	2 ⁷ / ₈ " (73mm)	2 ⁷ / ₈ " (73mm)
ANSI Function	08	03	14	02
Cylinder Type	Rim	Rim	—	—
Handing	Handed/Reversible	Handed/Reversible	Handed/Reversible	Handed/Reversible
Quantity needed Optional 425 SNB	2	2	2	2

* Electrified lever operation available.

Optional Trim
 Knobs
 Thumbpieces
 Lever Designs

Standard Door Height	
Feet	Inches
6'8"	80"
7'	84"
8'	96"
9'	108"
10'	120"

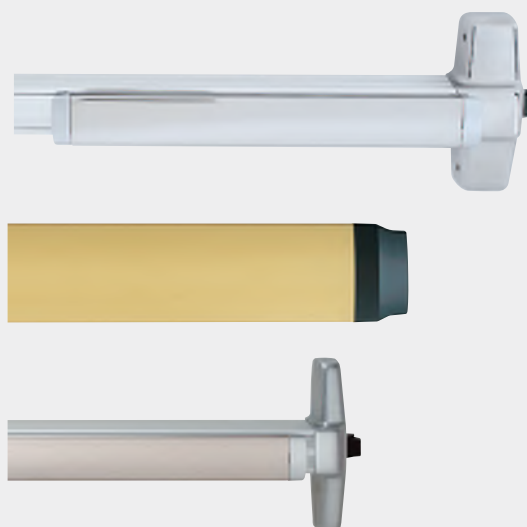
Note:

Non-standard sizes available with extended lead time.
Consult Customer Care for more information 1-877-671-7011.

VON DUPRIN®

Quiet Electric Latch Retraction-QEL

Featuring 98/99, 94/95
and 33A/35A series
exit devices



Overview

Quiet electric latch retraction (QEL) provides electronic control of an exit device for environments where limited operational noise is desired. The QEL option is Von Duprin's solution of choice for hospitals, libraries, museums and theaters where ambient noise can be disruptive. It is available on all Von Duprin 98/99, 94/95 and 33A/35A series exit devices.

These devices always provide mechanical egress. The electrified latch retraction can also be activated by an access system or building automation system to unlatch the exit device momentarily. Often the QEL is used with a credential reader and access control system to unlock the door momentarily for authorized users.

The QEL can also be configured to electronically retract the latch for an extended period of time to allow free entry. This is a convenient alternative to mechanical dogging. If manual dogging is required, the hex dogging option is available, to order specify HD-QEL. Special center case dogging is also available for 98/99 rim and vertical systems, specify SD-QEL.

The QEL option is available on panic devices and fire rated devices. Fire rated openings have several additional requirements. They must be self latching and self closing. To satisfy these requirements the QEL must be paired with an automatic operator and under the control of an automatic fire alarm system when used on fire rated openings.

Features and Benefits

- QEL option available on all 98/99, 94/95 and 33A/35A series exit devices
- Energy efficient motorized latch retraction utilizes standard 2 amp power supply, enabling longer wire runs from power source
- Quiet operation in both mechanical and electronic states
- Modular design allows for a simplified installation
- On-board installation and troubleshooting diagnostics built into device
- Auto adjust latch retraction – automatically adjusts latch throw and pull
- Pushbar is pulled in electronically for quieter operation when dogged
- Vandal resistant – detects and responds to events of attack and tampering



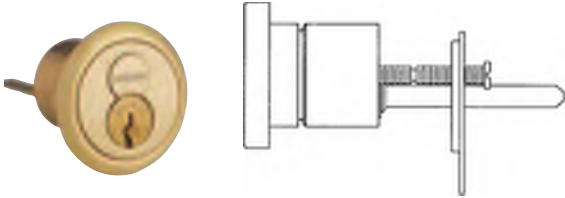
Kaba Ilco ADA7181TK1-260 ADA Turnknob Mortise Cylinder - Satin Chrome

Part #: Kaba Ilco ADA7181TK1-260

Manufacturer: Kaba Ilco

Price: \$15.00

Full Size Interchangeable Core Cylinders for Exit Devices, Aluminum Doors, etc.



Interchangeable Core Rim Cylinders for Exit Devices

Number	Core Mechanism
20-057	Conventional core
20-757	Primus core
20-757-XP	Primus XP core
20-079	Housing only, less core

Available 605, 606, 609, 610, 612, 613, 625 and 626 finish.



Cylinders for Adams Rite MS and 4700 Series Lori 4500 Series and Corbin Russwin DL3000 Series

Number	Core Mechanism	Collar
20-062	Conventional core	$\frac{3}{16}'' + \frac{3}{8}''$ blocking rings
20-766	Primus core	$\frac{3}{16}'' + \frac{3}{8}''$ blocking rings
20-766-XP	Primus XP core	$\frac{3}{16}'' + \frac{3}{8}''$ blocking rings
20-060	Housing less core	None

These cylinders include set screw pack B220-050 for Adams Rite locks.



K510-711
Adams Rite
MS Cam

Cylinders for Adams Rite 4070 Series Deadlocks

Number	Core Mechanism	Collar
20-091	Conventional core	$\frac{3}{16}'' + \frac{3}{8}''$ blocking rings
20-722	Primus core	$\frac{3}{16}'' + \frac{3}{8}''$ blocking rings
20-722-XP	Primus XP core	$\frac{3}{16}'' + \frac{3}{8}''$ blocking rings
20-090	Housing less core	None



B520-378
Adams Rite
4070 Cam

- Notes
1. Mortise cylinders available 605, 606, 609, 610, 612, 613, 625, and 626 finish. Cores furnished 606 and 626 only.
 2. To differentiate between Classic and Everest, specify keyway. Example: C or CP (Classic), C123 (Everest).
 3. All cylinders are $1\frac{1}{2}''$ long.
 4. Specify LKB if 0-bitted Primus XP cylinders are required less key blanks.

Cylinders for Exit Devices, Aluminum Doors, etc.

Rim Cylinders

Number	Description	Tail Piece
20-022	Conventional cylinder	Horizontal
20-021	Conventional cylinder	Vertical
20-710	Primus cylinder	Horizontal
20-710-XP	Primus XP cylinder	Horizontal
20-709	Primus cylinder	Vertical
20-709-XP	Primus XP cylinder	Vertical
20-716	Primus lockout cylinder	Horizontal
20-716-XP	Primus XP lockout cylinder	Horizontal
20-510	Primus UL437 Listed cylinder	Horizontal
20-510-XP	Primus XP UL437 Listed cylinder	Horizontal
20-509	Primus UL437 Listed cylinder with	Vertical
20-509-XP	Primus XP UL437 Listed cylinder with	Vertical
20-516	Primus UL437 Listed lockout cylinder	Horizontal
20-516-XP	Primus XP UL437 Listed lockout cylinder	Horizontal

Available 605, 606, 609, 610, 611, 612, 613, 616, 625 and 626 finish.

Cylinders for Adams Rite MS 4500 and 4700 Series Lori 4500 Series and Corbin Russwin DL3000 Series

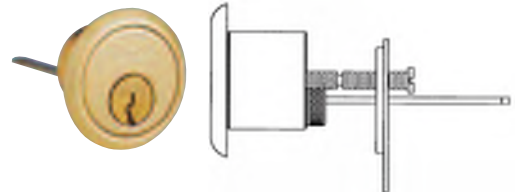
Number	Description
26-072	Conventional cylinder only
20-013	Conventional cylinder with 3/8" blocking ring
20-706	Primus cylinder with 3/8" blocking ring
20-706-XP	Primus XP cylinder with 3/8" blocking ring
20-506	Primus UL437 Listed cylinder with 3/8" blocking ring
20-506-XP	Primus XP UL437 Listed cylinder with 3/8" blocking ring
20-718	Primus lockout cylinder
20-718-XP	Primus XP lockout cylinder
20-518	Primus UL437 Listed lockout cylinder
20-518-XP	Primus XP UL437 Listed lockout cylinder

These cylinders include set screw pack B220-050 for Adams Rite locks.

Cylinders for Adams Rite 4070 Series

Number	Description
26-073	Conventional cylinder only
20-708	Primus cylinder only
20-708-XP	Primus XP cylinder only
20-508	Primus UL437 Listed cylinder only
20-508-XP	Primus XP UL437 Listed cylinder only

- Notes
1. Mortise cylinders available 605, 606, 609, 610, 611, 612, 613, 616, 625, 626, 629, and 630 finish.
 2. To differentiate between Classic and Everest, specify keyway. Example: C or CP (Classic), C123 (Everest). Everest C123 keyway standard.
 3. 11/8" length standard. Optional lengths available in 1/8" (4mm) increments up to 1 3/4" (44mm).
 4. To order less Schlage logo, specify with K510-612 faceplate.
 5. Lockout keys must be ordered separately and lockout cylinders will not be master keyed by Schlage.
 6. Specify LKB if 0-bitted Primus XP cylinders are required less key blanks.



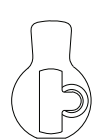
B502-292
Cam for Classic
Conventional



B502-944
Cam for Everest
& Primus XP



B502-380
Cam for Classic
Conventional



B502-945
Cam for Everest
& Primus XP

Surface Mount Electric Strike 6300 Series

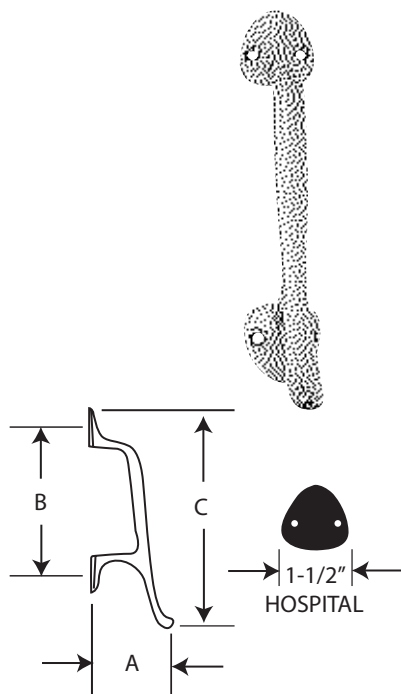
Overview

The 6300 Series Surface Mount Electric Strike is ideal for aftermarket versatility and migrating existing openings to electronic access control. Its single piece housing and smooth design will reduce interference with traffic while providing durability to external damage. Easy to install without modifying or altering the door frame, this strike can be mounted on any hollow metal, aluminum or wood frame. The 6300 Series Strike was specifically designed for use with the Von Duprin 98/99, however it can be used with most rim exit devices.



Features

- Non-Handed
- Requires no alteration or cutting to existing frame
- Field selectable voltage 12-24VDC
- UL10C Fire Listed – up to 3 hours
- UL1034 Burglary Resistant
- Stainless steel finish



8121 Door Pull

Available mounting – K see page B16

Size

5-3/4"

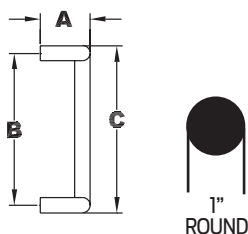
Product No.	Projection "A"	Center to Center "B"	Overall Length "C"
8121-5	3-1/2"	5-3/4"	8-3/4"

Finishes brass

US Number US26D*

BHMA 626

* Available with Antimicrobial Coating, use suffix AM



8190HD 90° Offset Door Pull

Available mounting – with heavy duty 3/8-16" mounting screws, standard H-I-L, N or O see page B15 and B17

Available Sizes

8", 10", 12", 18"

Product No.	Projection "A"	Clearance	Center to Center "B"	Overall Length "C"
8190-8	3-1/4"	2-1/4"	8"	9"
8190-0	3-1/4"	2-1/4"	10"	11"
8190-2	3-1/4"	2-1/4"	12"	13"
8190-18	3-1/4"	2-1/4"	18"	19"

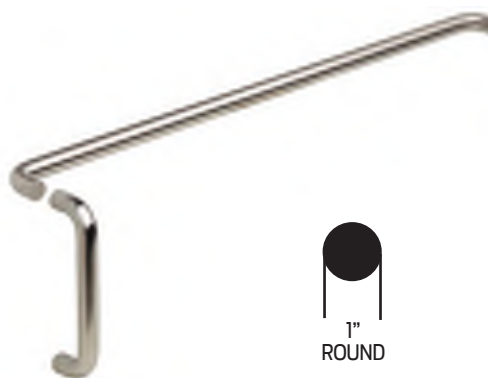
Finishes brass

US Number	US3	US4	US10	US10B	US15	US26	US26D*
BHMA	605	606	612	613	619	625	626

Finishes stainless steel

US Number	US32	US32D*
BHMA	629	630

* Available with Antimicrobial Coating, use suffix AM



9103EZHD Straight Pull/Pushbar Combo (8103EZHD Pull + 9100HD Push)

Available mounting – NO or NS see page B17
with heavy duty 3/8-16" mounting

Product No.	CTC Push	CTC Pull	Projection Push & Pull
9103EZ	28", 33"	8"	2-1/2" & 3-1/2"
9103EZ	28", 33"	10"	2-1/2" & 3-1/2"
9103EZ	28", 33"	12"	2-1/2" & 3-1/2"

Special lengths available, consult factory

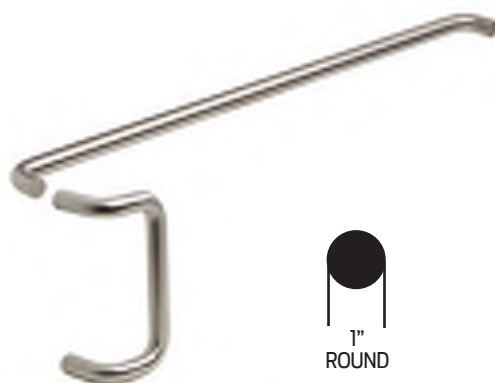
Finishes brass

US Number	US3	US4	US10	US10B	US15	US26	US26D*
BHMA	605	606	612	613	619	625	626

Finishes stainless steel

US Number	US32	US32D*
BHMA	629	630

* Available with Antimicrobial Coating, use suffix AM



9190HD Offset Pull/Pushbar Combo (8190HD pull + 9100HD push)

Available mounting – NO or NS see page B17
with heavy duty 3/8-16" mounting

Product No.	CTC Push	CTC Pull	Projection Push & Pull
9190	28", 33"	8"	2-1/2" & 3-1/4"
9190	28", 33"	10"	2-1/2" & 3-1/4"
9190	28", 33"	12"	2-1/2" & 3-1/4"
9190	28", 33"	18"	2-1/2" & 3-1/4"

Special lengths available, consult factory

Finishes brass

US Number	US3	US4	US10	US10B	US15	US26	US26D*
BHMA	605	606	612	613	619	625	626

Finishes stainless steel

US Number	US32	US32D*
BHMA	629	630

* Available with Antimicrobial Coating, use suffix AM

A
Hinges & Pivots

B9
Pulls & Plates

C
Flush Bolts & Coordinators

D
Latches, Catches & Bolts

E
Stops

F
Exterior Hardware

G
Miscellaneous Hardware

90 Series Surface Overhead Door Holders/Stops



90 Series Heavy-Duty

Glynn-Johnson 90 series holders and stops are the most rugged models available for heavy-duty applications. The channel is surface-mounted to the door, most often with six bolts, and the jamb bracket is surface mounted to the jamb, requiring minimal door and frame preparation.

These versatile units can be used in conjunction with most surface-applied door closers. The provided templates allow for variable mounting positions, ranging from 85° to 110° Hold-Open/Stop angle. These templates are designed for installation in almost all types of doors, including doors with conventional butt-type hinges or specialty hinges.

Four Models:

- 90H Series Hold-Open Model
- 90S Series Stop-Only Model
- 90F Series Friction Hold-Open Model
- 90SE Series Special Stop-Only Model

Five Sizes:

- Simple
- Standardized
- Each model is available in five sizes

Three Options:

- J—Angle Jamb Bracket
- SHIM—Blade Stop Shim Kits
- SOC—Pin-in-Socket Security Screw Package

Unmatched Convenience:

- Non-Handed
- Improved Compatibility with Door Closers
- Single-Acting Doors
- Interior/Exterior Applications
- Durable
- Easy to Install
- Improved Corrosion Resistance
- Function Conversion Kits Available

Materials and Finishes:

In 300 series Stainless Steel, Brass and Steel substrates, these models are available in the largest selection of finishes in the industry. Stainless Steel models offer the highest resistance to corrosion. Available in the following finishes:

Finish	Description
US3	Polished Brass
US4	Satin Brass
US10	Satin Bronze
US10B	Oil Rubbed Bronze
US32	Polished Stainless Steel
US32D	Satin Stainless Steel
SP4	Powder Coat Brass
SP10	Powder Coat Bronze
SP28	Powder Coat Aluminum
SP313	Powder Coat Dark Bronze
SPBLK	Powder Coat Black
652	Chrome-like Coating

Models

Glynn-Johnson 90 series door holders and stops provide long-lasting protection for doors, frames and hardware. All models incorporate a heavy-duty channel/slide-arm design and offset jamb bracket. This unique design allows for simple field modification of functions, should user requirements change.

90H Series Hold-Open

(Suffix H) Hold-Open models provide a convenient method of holding the door open at a predetermined position for short or long periods of time, permitting an unobstructed traffic flow through the opening. The Hold-Open function can easily be turned on or off by simply rotating the serrated knob on the bottom of the channel. This knob engages the Hold-Open mechanism, allowing the door to be held open at a predetermined position ranging from 85° to 110°. When the knob is flipped over, it acts as a stop and shock absorber.

The tension on the Hold-Open mechanism can be adjusted using a phillips screwdriver to offset air currents or other exterior conditions. The Hold-Open tension adjustment is located on the top of the slider in the channel.

90S Series Stop-Only

(Suffix S) When the Hold-Open function is not a requirement, Stop-Only models provide a reliable method of door control. Stop-Only models provide the same shock-absorbing capability as Hold-Open models. The Stop-Only model may be used on fire doors.

90F Series Friction Hold-Open

(Suffix F) Friction Hold-Open models are ideal for patient room doors, wardrobe and closet doors or similar applications where multiple Hold-Open positions are desired. The friction tension can be adjusted through the top of the channel using an allen wrench. The friction tension adjustment is located on the top of the slider in the channel.

90SE Series Special Stop-Only

(Suffix SE) When Stop-Only models are used in conjunction with single-point, Hold-Only electronic door closers, the Stop-Only function may be ordered without the shock-absorbing mechanism. Used as an auxiliary stop, these models prolong the life of the closer. The stop location is adjusted using an allen wrench on the stop block located in the channel.

Note: Caution should be taken when using this option in other applications, as the elimination of the shock-absorbing spring can put added stress on the door and frame.

Application Information

UL Classification

The 90 series Stop-Only models are classified by Underwriters Laboratories (UL) as Miscellaneous Fire Door Accessories. This classification applies to use on either Hollow Metal Fire Doors or Wood Fire Doors. These units may be used on doors of any rating. As a reminder, the Miscellaneous Fire Door Accessories (GVUX) section is defined by UL as: "Miscellaneous fire door accessories are intended in the individual Listings. The accessories have been investigated to determine that when installed in accordance with the manufacturer's instructions, the accessories do not adversely affect the fire rating of the fire door and/or fire door frames."

Dead-Stop Templating:

Dead-stop templating is recommended for applications where a wall or similar obstruction is placed at an opening angle of 110° or less (i.e., doors that open back-to-back). Dead-stop templating can be applied to Hold-Open, Stop-Only and Friction models. The Dead-Stop position is the point at which the shock-absorbing spring is fully compressed. Therefore, when Dead-Stop Templating is used, the initial degree of opening will be 5° to 7° less than the Dead-Stop opening.

Example: If the holder is templated to a 100° Dead Stop, the door will hold open at an angle between 93° and 95° but no further than 100°

Note: Do not use dead-stop templating on the 90SE Series since there is no shock-absorbing spring.

Environmental Considerations:

Environmental factors should always be considered when specifying overhead holders and stops. Doors that are positioned on a building's exterior or subject to corrosive conditions should be equipped with a holder constructed primarily of stainless steel or brass materials. For interior applications, steel is acceptable, though brass substrates generally provide a more attractive architectural-grade finish.

Function Conversion Kits

- FK90H—Converts a 90F or a 90S unit into a 90H unit. To order specify FK90H.
- FK90F—Converts a 90H or a 90S unit into a 90F unit. To order specify FK90F.
- FK90SE—Converts a 90H, 90F or a 90S unit into a 90SE unit. To order specify FK90SE—Finish.
- No kit is needed to convert a 90H or 90F unit into a 90S unit.

Options

Suffix J (Angle Jamb Bracket):

An angle jamb bracket is available for converting standard models to hinge-side or flush transom mounting. The angle jamb bracket affixes to the standard jamb bracket. If ordered with the unit add suffix J. If needed separately order 90J by finish needed.

Suffix SOC (Pin-in-Socket Security Screws):

A screw package with pin-in-socket screws for mounting the door bracket and the jamb bracket is provided instead of the standard screw package.

Suffix SHIM (Blade Stop Shims):

Shim kits are available in 3 sizes
90 SHIM1 is a 1/4" Shim Kit
90 SHIM2 is a 1/2" Shim Kit
90 SHIM3 is a 3/4" Shim Kit

If ordered with overhead, add suffix SHIM (1, 2 or 3). If needed separately order 90 SHIM (1, 2 or 3)—Finish.

100 Series Concealed Overhead Door Holders/Stops



100 Series Heavy-Duty

Glynn-Johnson offers a complete line of overhead door holders and stops, accommodating virtually all openings with solutions for even the most complex door control problems. These concealed holders and stops provide the most attractive and reliable heavy-duty door control available.

Glynn-Johnson 100 series holders and stops provide the most reliable and versatile concealed overhead door control. They are designed for installation on virtually all types of doors mounted on conventional type butt hinges, pivots, continuous hinges, swing clear hinges and numerous other specialty hinges. When used in conjunction with many surface-applied door closers, 100 series holders and stops provide the most effective control for entrance doors and vestibule doors of all types, as well as heavy or often used interior doors. Templates provided allow for variable mounting positions, ranging from 85° - 110° of opening.

Five Models:

- 100H Series Hold-Open Model
- 100HP Series Internal Hold-Open Model
- 100F Series Friction Hold-Open Model
- 100S Series Stop-Only Model
- 100SE Series Special Stop-Only Model

Six Sizes:

- Each model comes in six sizes.
- Simple
- Standardized

Three Options:

- ADJ—Adjustable Jamb Bracket
- CJ—Jamb Bracket for use with LCN5030 Closer
- SOC—Pin-in-Socket Security Screw Package

Unmatched Convenience:

- Non-handed
- Improved Compatibility with Door Closers
- Single/Double-Acting Doors
- Interior/Exterior Applications
- Reduced Door Prep
- Durable
- Improved Corrosion Resistance
- Function Conversion Kits are Available.

Materials and Finishes:

In Heavy Gauge Brass or 300 Series Stainless Steel, these models offer the broadest range of finishes in the industry, complementing any design and offering the highest resistance to corrosion.

Available in the following finishes:

Finishes	Description
US3	Polished Brass
US4	Satin Brass
US10	Satin Bronze
US10B	Oil Rubbed Bronze
US32	Polished Stainless Steel
US32D	Satin Stainless Steel
SP4	Powder Coat Brass
SP10	Powder Coat Bronze
SP28	Powder Coat Aluminum
SP313	Powder Coat Dark Bronze
SPBLK	Powder Coat Black

Models

These models provide a wide range of optional features, and are ideal for use on entrance and vestibule doors, large doors, doors opened frequently, or doors subject to abuse. These models are also furnished with an offset-style jamb bracket.

Designed for heavy-duty applications, 100 series models will provide long-lasting protection to doors, frames, hinges, related hardware and surrounding walls or obstructions.

100H Series Hold-Open

(Suffix H) The Hold-Open function should be used where it is desired to hold a door open at a predetermined position for short or long periods of time, permitting an unobstructed traffic flow through the opening.

These models are both selective and adjustable, featuring the most reliable Hold-Open mechanism available. They feature a control knob which protrudes from the face of the door and turns the Hold-Open function on or off. Set in the inactive position, the unit acts as a stop and shock absorber. The tension on the Hold-Open mechanism can be adjusted using an allen wrench to offset air currents or other exterior conditions. The Hold-Open tension adjustment is located in the bottom of the track in the top of the door.

100HP Series Internal Hold-Open

These models provide a Hold-Open unit with the Hold-Open mechanism built into the channel, thus reducing the door prep. The 100HP have a preset Hold-Open force that is not adjustable. The Hold-Open feature is not selectable in these units, so the doors are always held open.

100F Series Friction Hold-Open

(Suffix F) Friction Hold-Open models provide an alternative holding method, ideal for heavy patient room doors, closet doors or similar applications where multiple Hold-Open positions are desired. The friction tension is adjusted using an allen wrench and an open end wrench. The friction tension adjustment is located on the top of the slider in the channel.

100S Series Stop-Only

(Suffix S) When the Hold-Open function is not required, the Stop-Only function provides the same effective door control minus the Hold-Open feature. The Stop-Only model may be used on fire doors.

100SE Series Special Stop-Only

(Suffix SE) When Stop-Only models are used in conjunction with single point Hold-Open electronic door closers, they may be ordered without the shock-absorbing mechanism. Used as an auxiliary stop with these closers, they will prolong the life of the closer. The stop location is adjusted using an allen wrench on the stop block located in the channel.

Note: Caution should be used when using this option in other applications, as the elimination of the shock-absorbing spring can put added stress on door and frame if used improperly.

Application Information

UL Classification

The 100 series Stop-Only models are classified by Underwriters Laboratories (UL) as Miscellaneous Fire Door Accessories. This classification applies to use on either Hollow Metal Fire Doors or Wood Fire Doors. Where Wood Door manufacturer's listing allows for the cutout required for installation, concealed overhead stops may be used on those wood fire doors. These units may be used on doors of any rating. As a reminder, the Miscellaneous Fire Door Accessories (GVUX) section is defined by UL as: "Miscellaneous fire door accessories are intended in the individual Listings. The accessories have been investigated to determine that when installed in accordance with the manufacturer's instructions, the accessories do not adversely affect the fire rating of the fire door and/or fire door frames."

Dead Stop Templating:

If a wall or similar obstruction is in place at 110° or less opening angle (i.e. doors that open back-to-back), Dead Stop Templating should be used. This includes all Hold-Open, Friction and Stop-Only models, except when the "SE" Option is used. The Dead Stop position is reached when the shock-absorbing spring is fully compressed, the initial degree of opening will be 5° to 7° less than the Dead Stop opening.

Example: If the holder is templated to 100° Dead Stop, the door will hold open somewhere between 93° and 95°, but no further than 100°.

Note: Do not use dead-stop templating on the 100SE Series since there is no shock-absorbing spring.

Environmental Considerations:

Environmental factors should always be considered when specifying overhead holders and stops. Doors that are positioned on a building's exterior or subject to corrosive conditions should be equipped with a holder constructed primarily of stainless steel or brass materials. For interior applications, steel is acceptable, though brass substrates generally provide a more attractive architectural-grade finish.

Function Conversion Kits

- FK100F—Converts a 100H or 100S unit into a 100F unit.
To order specify FK100F.
- FK100H—Converts a 100F or 100S unit into a 100H unit.
To order specify FK100H.
- No kit is needed to convert a 100H or 100F unit into a 100S unit.

Options

Suffix ADJ (Adjustable Jamb Bracket):

An additional option on the 100 series is the adjustable jamb bracket, which allows the degree of Hold-Open or Stop angle to be adjusted after installation. Suffix "ADJ" is available in all functions, but only in sizes 3, 4, 5 & 6. ADJ jamb bracket requires additional frame prep. The ADJ option cannot be added to an existing unit, it must be factory ordered.

Suffix CJ (Closer Jamb Bracket):

Provides a special jamb bracket needed for 100 series units used with LCN5030 closers. These special jamb brackets are handed, so handing will need to be specified when ordering the "CJ" option, CJLH for a left hand door and CJRH for a right hand door. The CJ option cannot be added to an existing unit, it must be factory ordered.

Suffix SOC (Pin-in-Socket Security Screw Package):

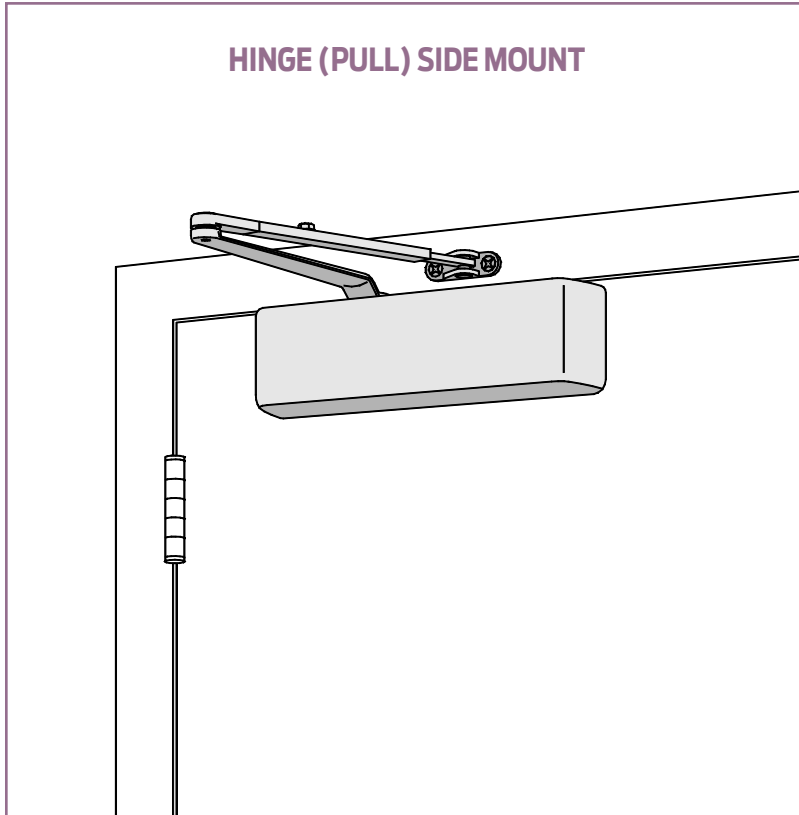
A screw package with pin-in-socket screws for mounting the jamb bracket to the frame is provided instead of the standard screw package.

4010 SERIES

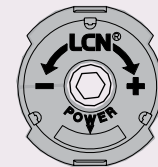
FEATURES

The 4010 is LCN's best performing heavy duty closer designed specifically for institutional and other rugged high traffic applications.

- Cast Iron
- Forged Steel Main Arm
- Double Heat Treated Steel Pinion
- All Weather Fluid
- LCN Patented Green Dial
- UL & cUL Listed
- Peel-n-Stick Templates for Fast and Accurate Installations



- Standard 4010 Series closer is shipped with regular arm, standard plastic cover, and self reaming and tapping screws. See 4010 Series page 5 for options.
- Size 6 (4016) cylinder for interior doors to 5' 0" and exterior doors to 4' 0".
- Non-sized cylinder (4011) adjustable for interior doors to 4' 6" and exterior doors to 3' 6".
- Closer mounts hinge side, specify right or left swinging door.
- 4011 cylinder meets ADA requirements. See 4010 Series page 6.
- Standard or optional custom powder coat finish.
- Optional plated finish on metal cover, arm and fasteners.
- Optional SRI primer for installations in corrosive conditions is available with powder coat finish only.
- The 4010 Series is UL and cUL listed with regular or fusible link arms for self-closing doors.
- Tested and certified under ANSI Standard A156.4, grade one.



The 4010 Series includes the LCN® "Green Dial" Spring Force Indicator

MOUNTING					FINISH		COVER		CYLINDER			**ARM FUNCTION															
HINGE (PULL) SIDE					POWDER COAT		PLASTIC		NON-HANDED			REGULAR (DOUBLE)		STANDARD (SINGLE)		HOLD-OPEN		FUSIBLE LINK		EDA/HEDA		CUSH/HCUSH		SCUSH/SHCUSH		DOUBLE EGRESS	
TOP JAMB (PULL)					PLATED		METAL		NON-SIZED			140°		140°		140°											
TOP JAMB (PUSH)									ACCESSIBILITY			○		○		○		○		○		○		○		○	
PARALLEL ARM									DELAYED ACTION			○															
STOP FACE					●		●		AVB***																		
					●		●					140°		○		○		○		○		○		○		○	

● AVAILABLE
○ NOT AVAILABLE

♿ Closer available with less than 5.0 lbs. opening force on 36" door.
** Maximum opening/hold-open point with standard template.
*** Advanced Variable Backcheck.

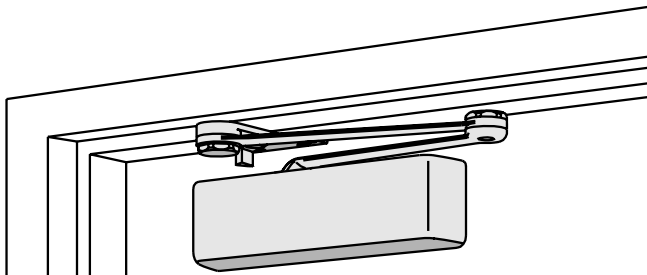
4110 SERIES

FEATURES

The 4110 is LCN's best performing heavy duty closer designed specifically for institutional and other rugged high traffic applications.

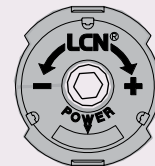
- Cast Iron
- Extra Duty Forged Steel Arm Standard
- Double Heat Treated Steel Pinion
- All Weather Fluid
- Advanced Variable Backcheck
- LCN Patented Green Dial
- UL & cUL Listed
- Peel-n-Stick Templates for Fast and Accurate Installations

*PARALLEL ARM (PUSH SIDE) MOUNT



*4110 HCUSH mount shown

- Standard 4110 Series closer is shipped with Extra Duty arm, standard plastic cover, 4110-201 FIFTH SCREW SPACER and self reaming and tapping screws. See 4110 Series pages 57 & 58 for options.
- Sized cylinders adjustable for interior doors to 5'0" and exterior doors to 4'0".
- Non-sized cylinder adjustable for interior doors to 4'6" and exterior doors to 3'6".
- Closer mounts parallel arm, specify right or left swinging door.
- 4111 cylinder meets ADA requirements. See 4110 Series page 59.
- Standard or optional custom powder coat finish.
- Optional plated finish on metal cover, arm and fasteners.
- Optional SRI primer for installations in corrosive conditions is available with powder coat only.
- The 4110 Series is UL and cUL listed for self-closing doors without hold-open.
- Tested and certified under ANSI Standard A156.4, grade one.



The 4110 Series includes the LCN® "Green Dial" Spring Force Indicator

MOUNTING					FINISH		COVER		CYLINDER			**ARM FUNCTION									
HINGE (PULL) SIDE	TOP JAMB (PULL)	TOP JAMB (PUSH)	PARALLEL ARM	STOP FACE	POWDER COAT	PLATED	PLASTIC	METAL	NON-HANDED	NON-SIZED	ACCESSIBILITY	DELAYED ACTION	AVB***	REGULAR (DOUBLE)	STANDARD (SINGLE)	HOLD-OPEN	FUSIBLE LINK	EDA/HEDA	CUSH/HCUSH	SCUSH/SHCUSH	DOUBLE EGRESS
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	180°	180°	110°	110°	<input type="radio"/>

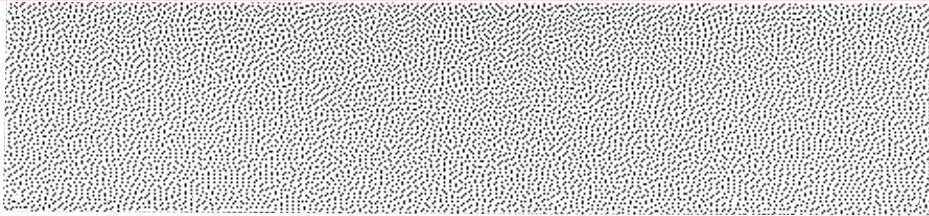
● AVAILABLE
○ NOT AVAILABLE

○ Closer available with less than 5.0 lbs. opening force on 36" door.
** Maximum opening/hold-open point with standard template.
*** Advanced Variable Backcheck.

8400 Series Protection Plates

- Door protection plates are available in .050" thick brass, stainless steel or aluminum; and 1/8" thick high impact polyethylene in clear or black.
- Bevel edge options; specify B4E for all four edges.
- Mounting screw pack furnished standard, 16 screws per pack. Optional screw packs are available for TEK or TORK screw heads. Refer to the following chart for ordering.
- Specify NMH for no mounting holes. (Not available on 8402)
- Specify NMH-A for no mounting holes with adhesive. (Not available on 8402)
- Specify CS for counter sunk mounting holes.
- Specify ERS prepped with extra row of screws.

Kickplate Gasket Tape Tape is recommended when using a brass plate on a metal door to reduce tarnishing from electrolytic oxidation. One tape pack will cover an the perimeters of a 8" x 34" kickplate. Order 8401 Gasket Tape.



8400 Protection Plate
8402 (UL)* Protection Plate

**UL mark appears in upper right corner. Factory supplied screws must be used.*
Number of screw packs required by plate size (specify TEK Screws or TORK screws).

	22"-25"	26"-33"	34"-41"	42"-48"
4"-8"	1	1	1	1
9"-16"	1	1	1	1
17"-24"	1	1	1	2
25"-32"	1	1	2	2
33"-40"	1	2	2	2
41"-48"	2	2	2	2

Finishes brass 24" x 48" max. size

US Number	US3	US4	US10	US10B	US15	US26	US26D
BHMA	605	606	612	613	619	625	626

Finishes stainless steel

US Number	US32	US32D
BHMA	629	630

Finishes aluminum

US Number	US28
BHMA	628

Finishes plastic

Clear and Black

Residential Grade Kickplates available Carded only, finishes PA28, PA3, PA619, PA716, B3, B505, B619, B716



WS406CVX Wall Bumpers

WS406CCV

WS407CVX

WS407CCV

WS406CVX & WS407CVX
Meets ANSI/BHMA 156.16 L22201 for brass,
and L52101 for stainless steel.

WS406CCV & WS407CCV
Meets ANSI/BHMA 156.16 L22251 for brass
and L52251 for stainless steel.

- Constructed in sturdy yet economical wrought base of brass or stainless steel construction.
- Feature concealed tamper-proof mounting.
- Shipped factory preassembled backplate to reduce installation cost.
- Easy installation by inserting screwdriver through small hole in rubber.

WS406CVX (406) – convex rubber bumper, packed with wood screw and plastic anchor.

WS406CCV (406-1/2) – concave rubber bumper, which avoids damage to locks with projecting buttons, packed with wood screw and plastic anchor.

WS407CVX (407) – convex rubber bumper packed with screw and drywall anchor.

WS407CCV (407-1/2) – concave rubber bumper which avoids damage to locks with projecting buttons and is packed with screw and drywall anchor.

Dimensions

Base Diameter: 2-1/2"

Base Thickness: 3/8"

Overall Projection: 1"

Finishes *brass*

Ives Number	US3	US4	US5*	US10	US10B	US15	US15A**	US26	US26D	B716**
BHMA	605	606	609*	612	613	619	620	625	626	

Finishes *stainless steel*

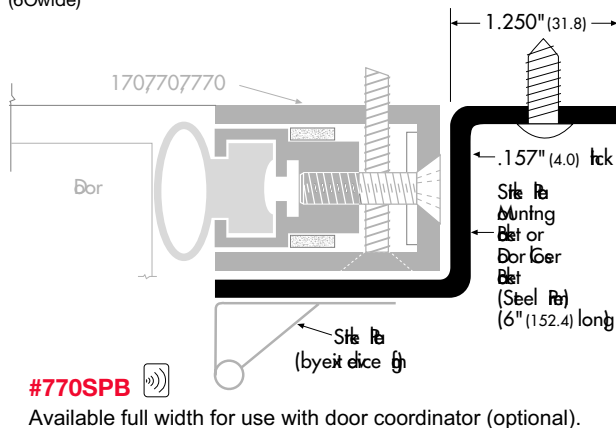
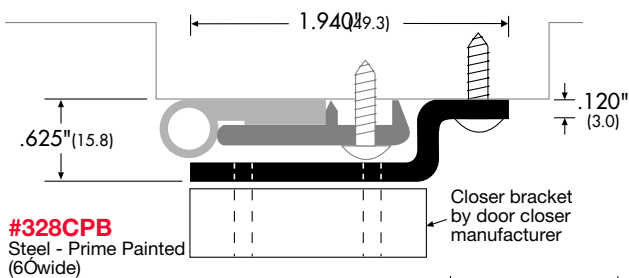
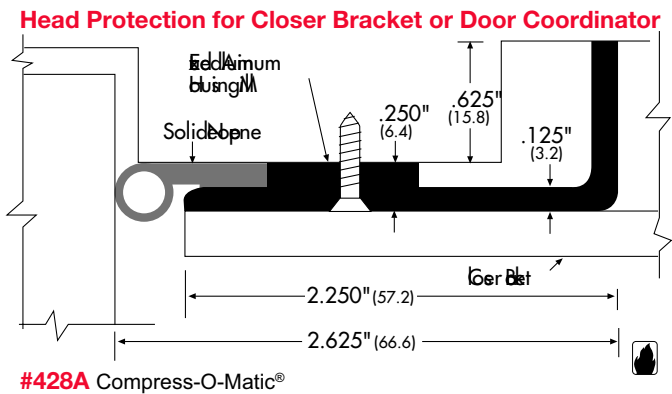
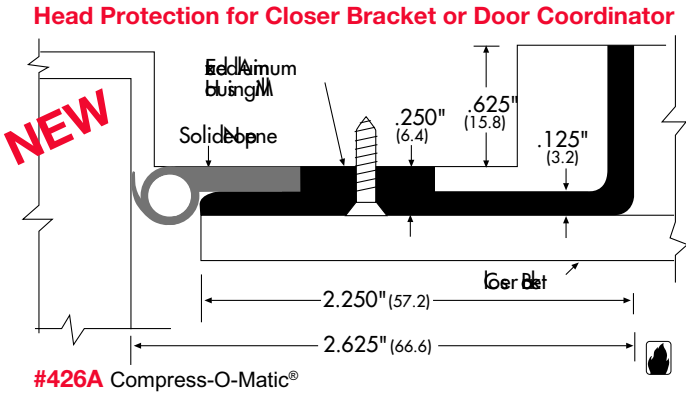
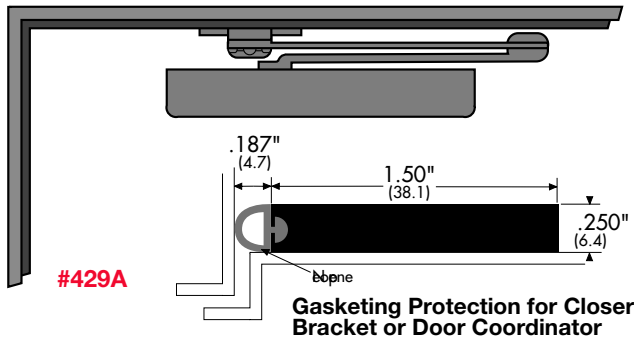
Ives Number	US32D
BHMA	630

* only available on WS407CVX Slim-Pak of 15

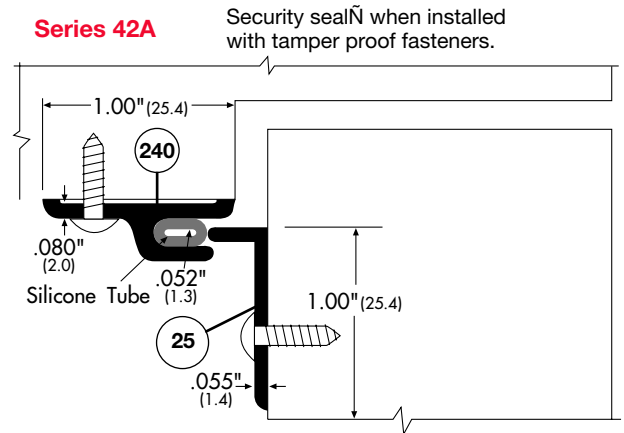
** available on WS407CCV or WS407CVX Slim-Pak of 15

Head and Jamb Protection

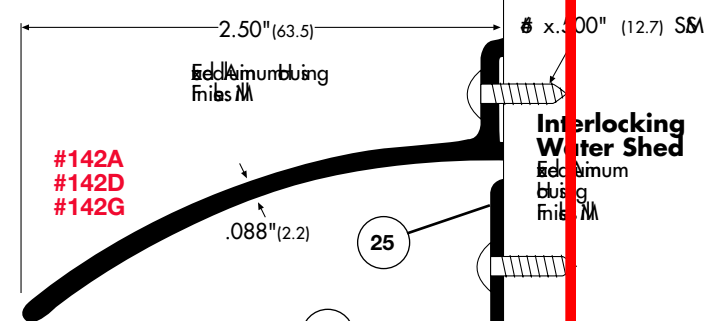
Note: A = Aluminum SP = Steel Primed
D = Dr. Bronze Anodized B = Bronze
G = Simulated Bronze Anodized



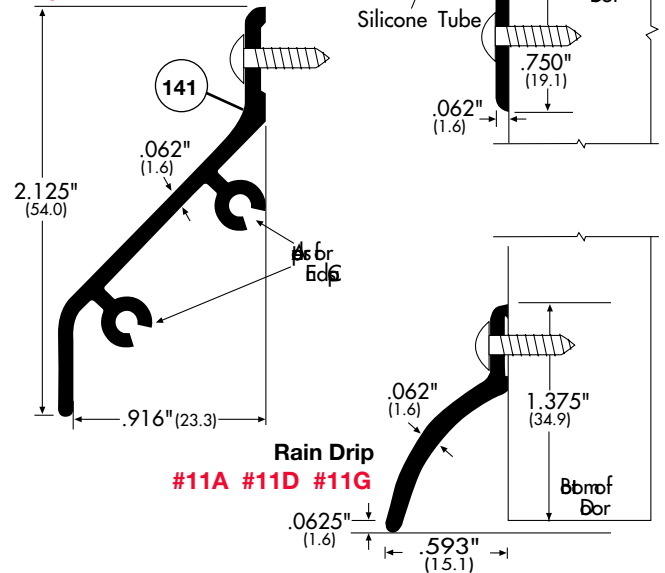
Series 42A



INTERLOCKING WATER SHED For Outswinging Doors Series 148

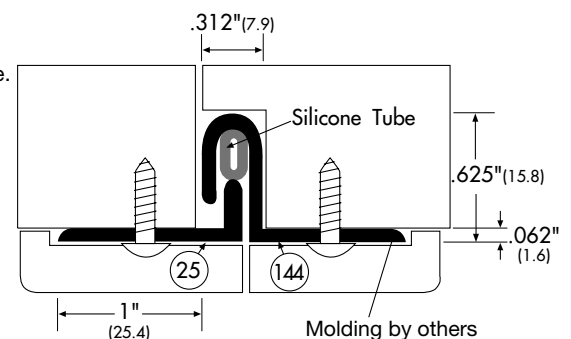


Option for #142



Series 87

Meeting Stile
One Door Active.



Head/Jamb



Self Adhesive & Kerf Frame Door Seals — Head & Jamb

See manufacturers' specifications for minimum required clearance between door and frame.

Most items shown are available in self-extinguishing, non-staining neoprene.
Contact us for custom materials, colors and shapes.

Tear Drop

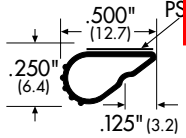
Compress-O-Matic®

#188N - Black Neoprene

#188SBK - Black Silicon

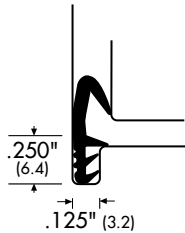
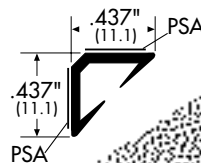
#188SWH - White Silicon

#188SBR - Brown Silicon

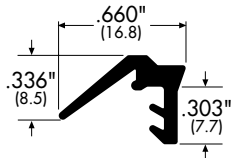


NEW

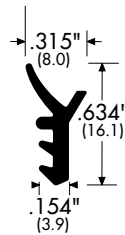
#8144N



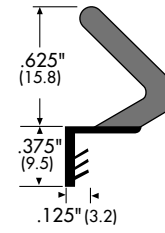
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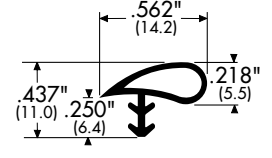
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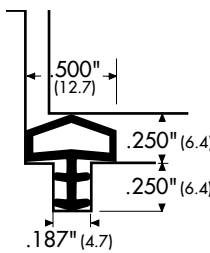
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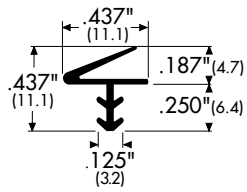
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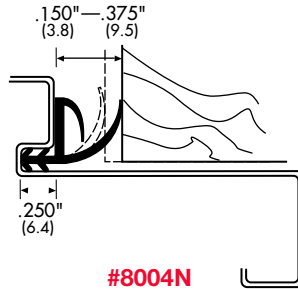
#8800N Compress-O-Matic®



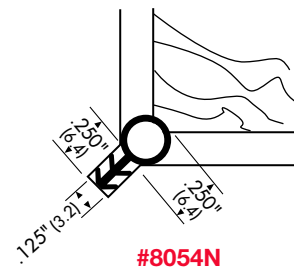
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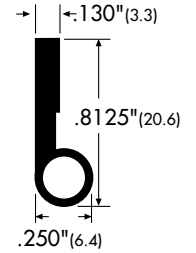
#8440N Compress-O-Matic®



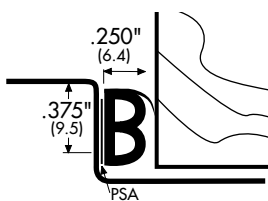
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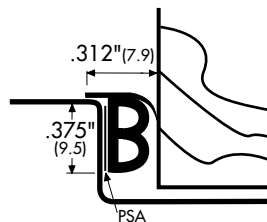
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#328N

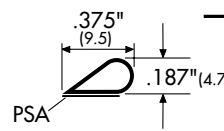


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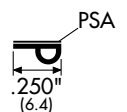
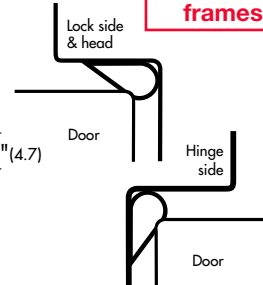
#824WN

NEW



#488N

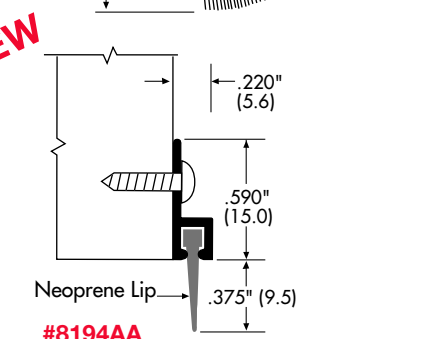
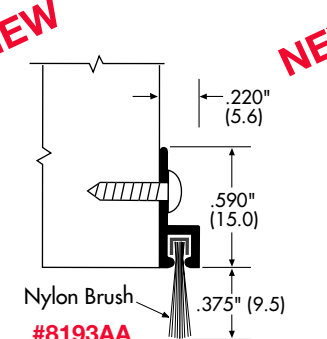
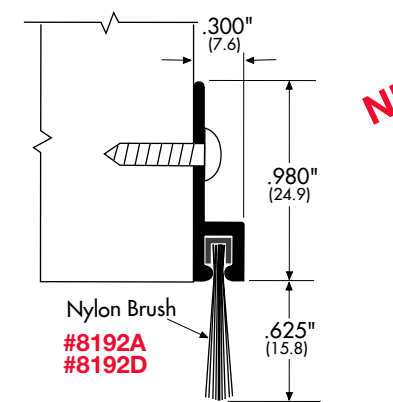
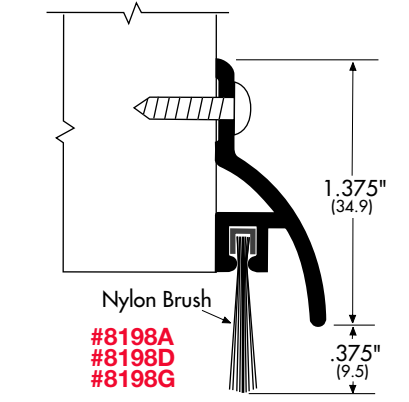
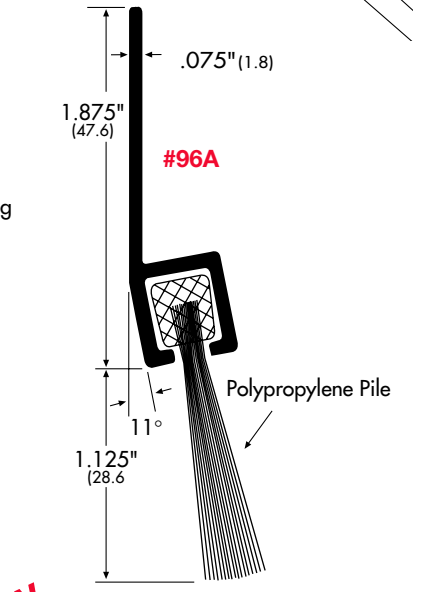
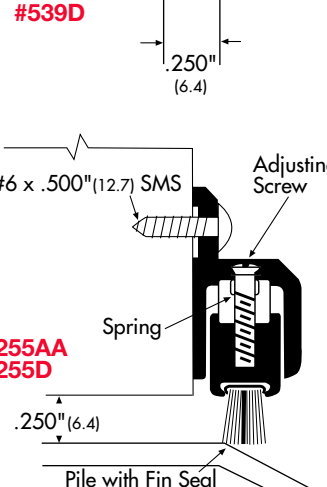
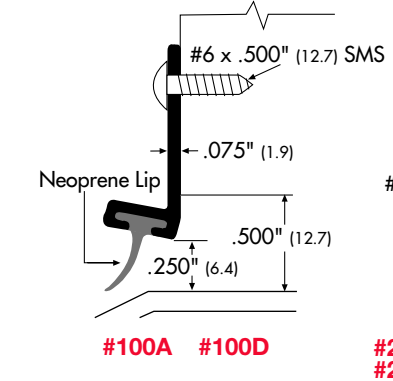
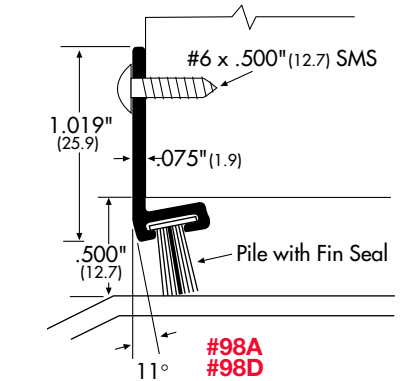
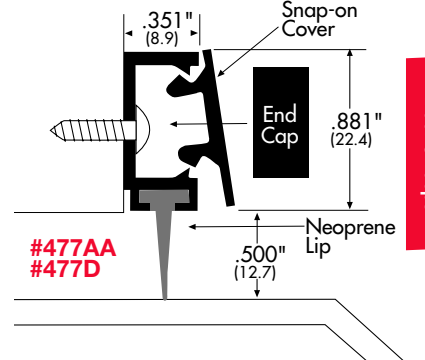
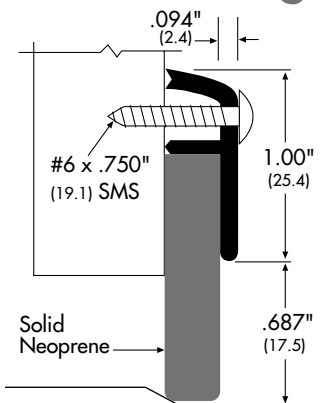
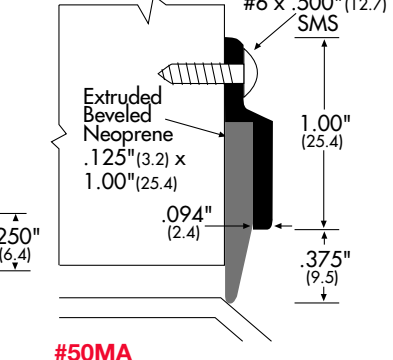
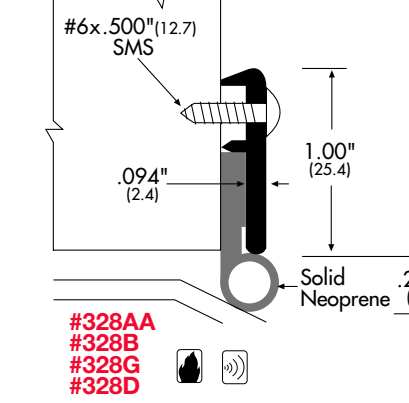
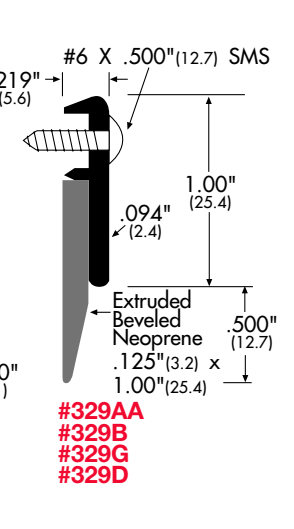
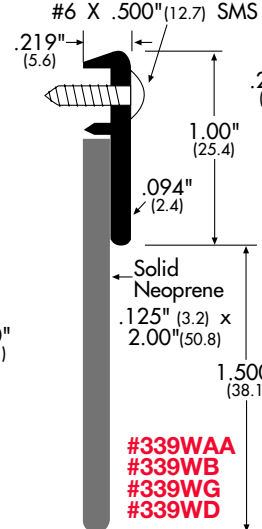
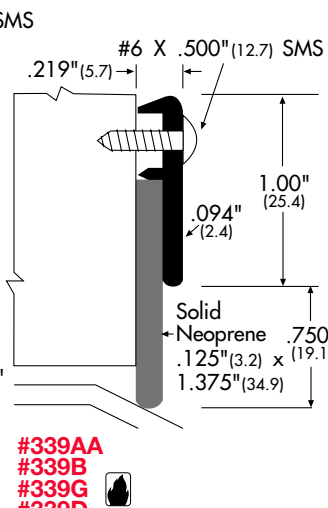
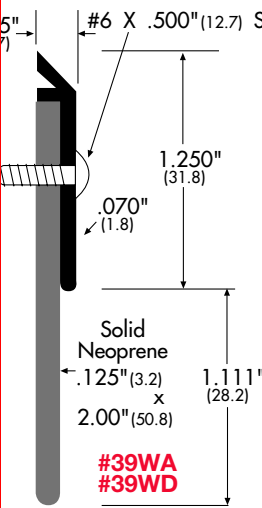
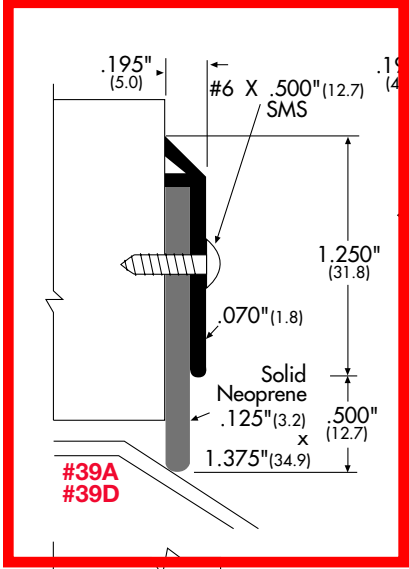
#488 and #8148 are best for tighter frames with low closing force



#8148N

Sill Protection Sweep

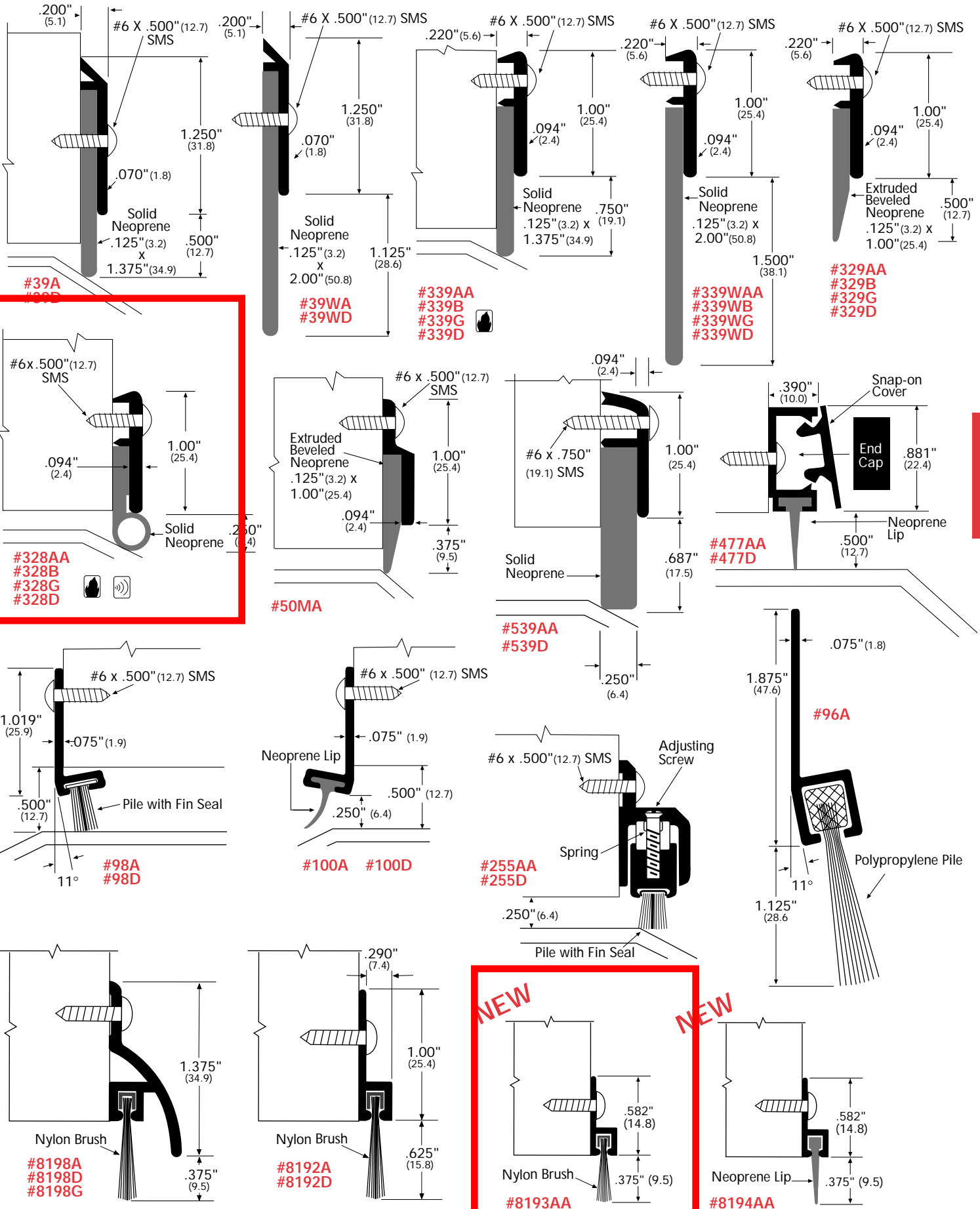
Note: A = Aluminum
B = Bronze
Bk = Black Anodized
D = Dr. Bronze Anodized
G = Simulated Bronze Anodized
AA = Anodized Aluminum



Door Sweeps

Sill Protection Sweep

Note: A = Aluminum
B = Bronze
Bk = Black Anodized
D = Dr. Bronze Anodized
G = Simulated Bronze Anodized
AA = Anodized Aluminum



Door Sweeps



Rabbeted Saddles

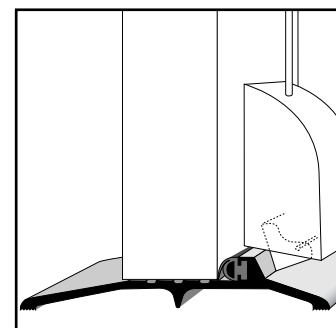
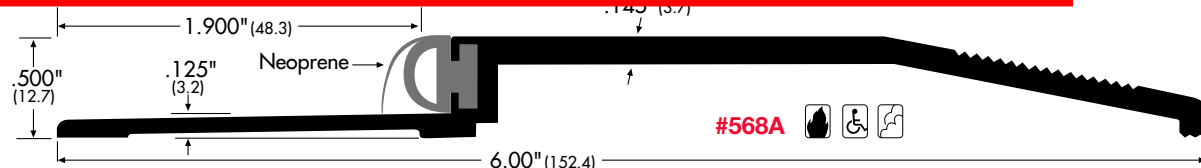
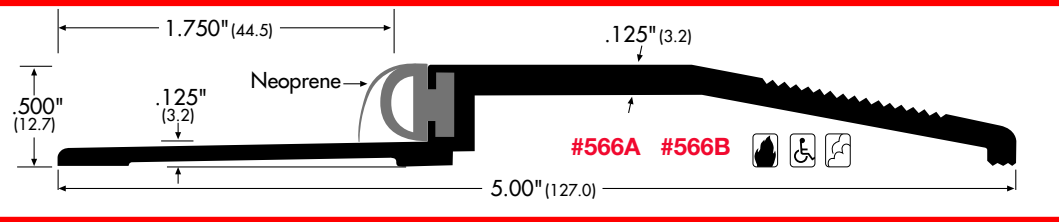
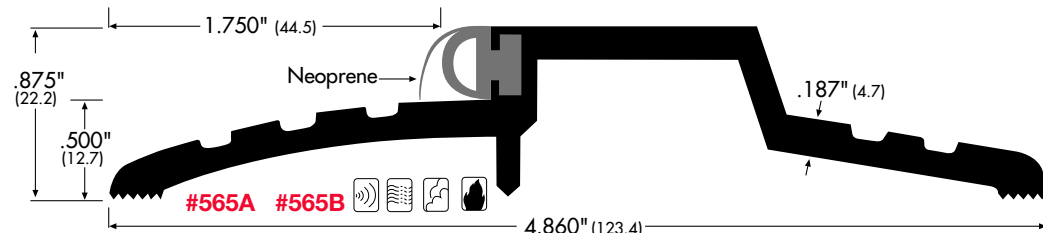
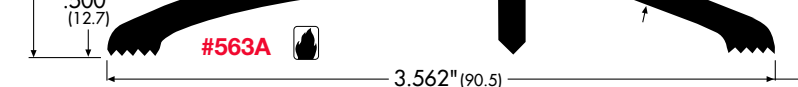
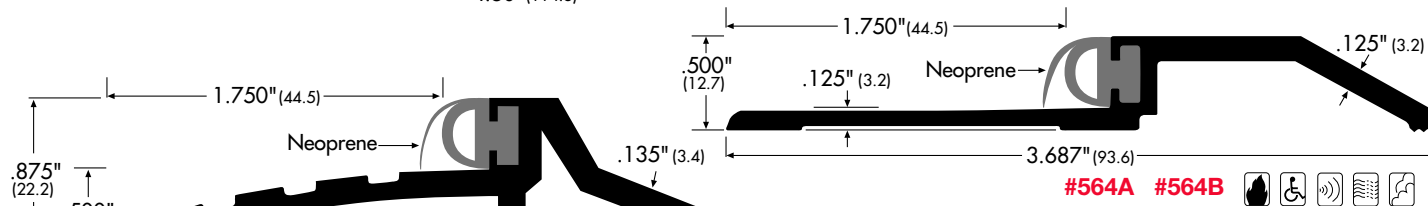
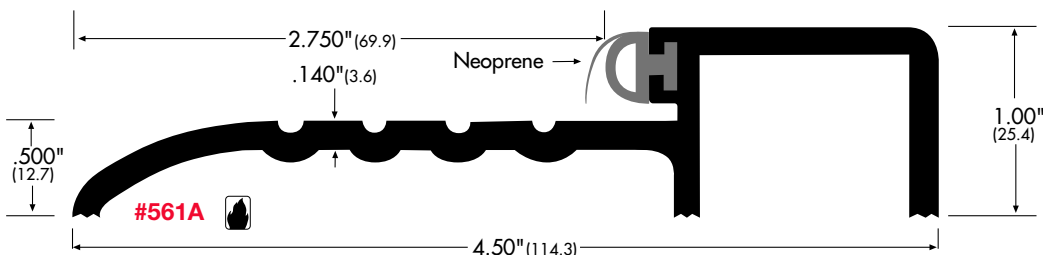
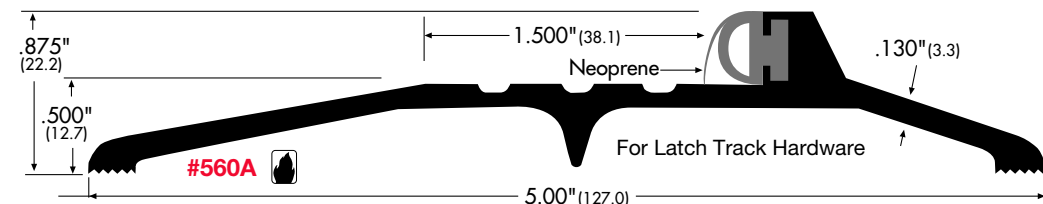
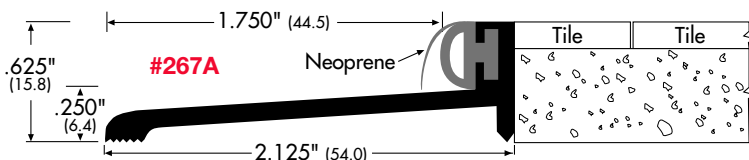
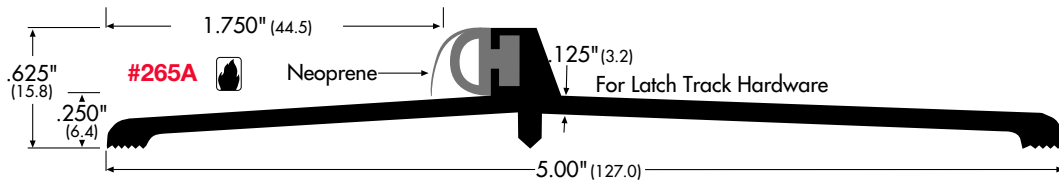
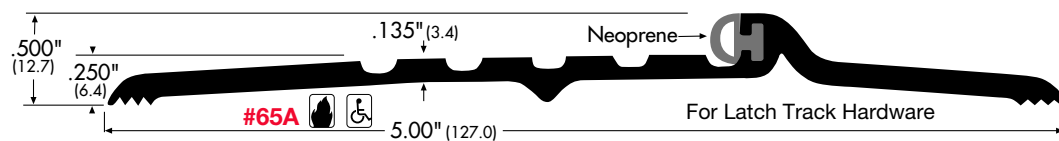
Note: A = Aluminum
B = Bronze



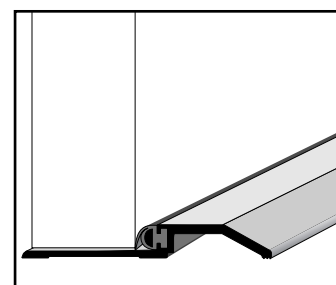
**SPECIFY
THIS SPECIAL
FEATURE**

The neoprene gasket is designed with an extra lip for double seal protection, and to compensate for any warping or misalignment during installation.

Compress-O-Matic®



#65, 265, 560 TYPE
For Latch Track Hardware (Option)



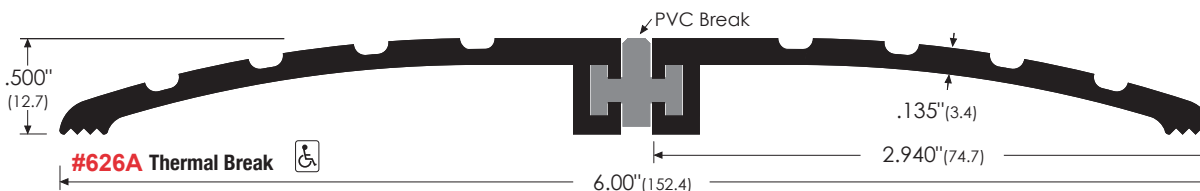
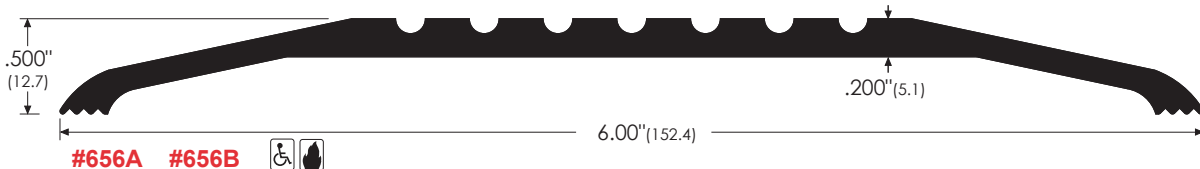
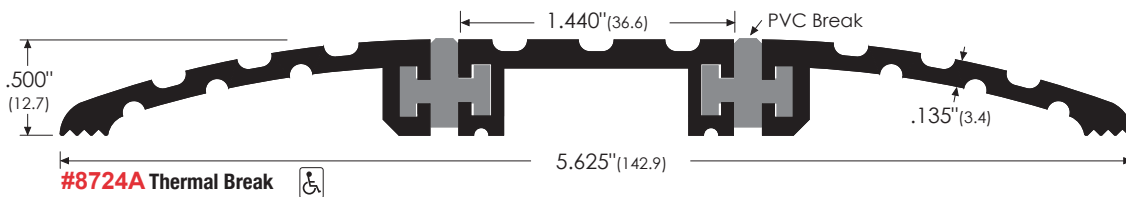
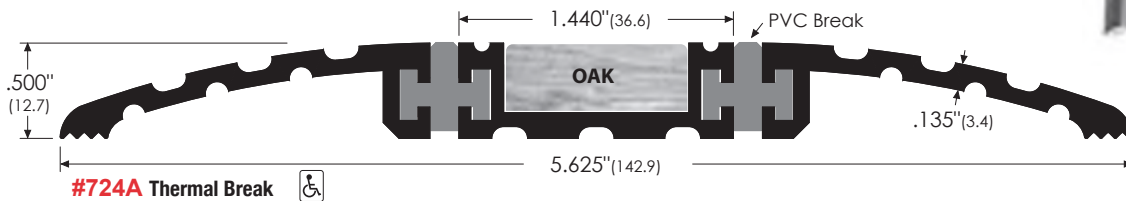
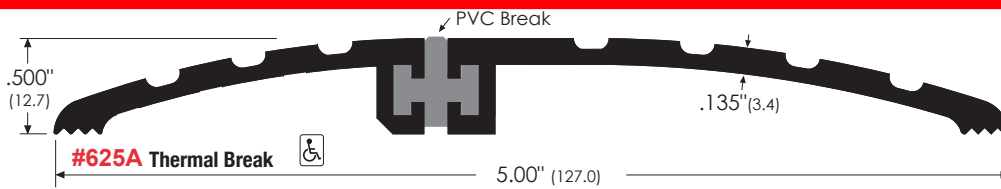
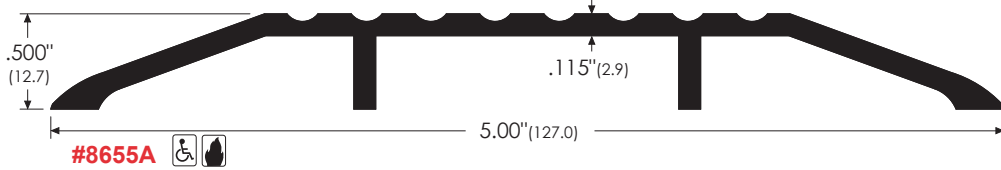
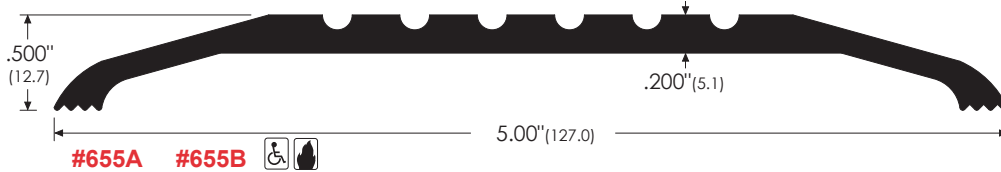
#563, 564, 565, 566 TYPE

Utility Thresholds



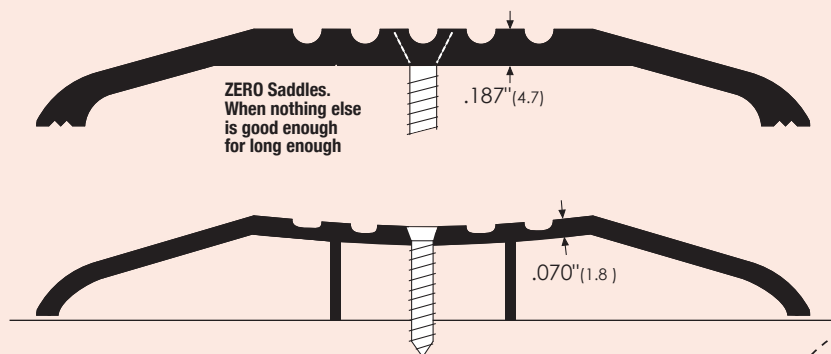
Note: A= Aluminum B= Bronze
Thresholds can be ordered with E (Epoxy) or V3 (Full Body Strength) options.

Thresholds



Which would you rather walk on or install?

Both pass the ANSI standard load test, but the ZERO threshold also passes the test of time and weight. The heavier-gauge material in our threshold allows you to drill and screw right through and into concrete. Lighter-gauge thresholds can buckle and often loosen because screws cannot be tightened fully. Be sure you get the best....specify the heavier gauge when you need thresholds.





PS902

2 amp Power Supply

Overview

Schlage's comprehensive line of power supplies and option boards were designed to address the changing needs of the access control market.

Installation is simplified by utilizing a flat mounting design and polarized locking connectors for option boards. This new design eliminates the need for racks and side connectors. The flat mounting of the option boards also provides for easier access to the terminal blocks for connection of electrified devices (such as electrified strikes, electromagnetic locks, card readers, etc).

Common to the line of PS900 Series power supplies is a constant output rating at both 12v and 24v settings, universal 120 VAC to 240 VAC input, and polarized option board connectors. New fire alarm interface board mounting allows outputs to be configured as switched (power cut) or unswitched (power continues) when signal provided.

* All PS900 Series of power supplies and option boards have been tested and certified to meet UL294.

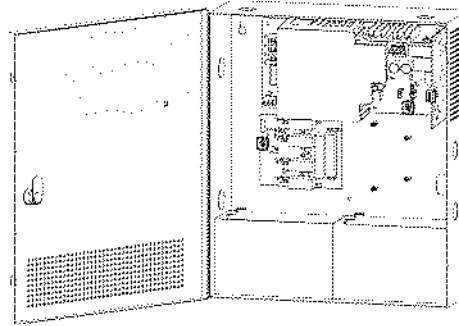


Features

- 2A @ 12/24 VDC output, field selectable with jumper
- Class 2 Rated power limited output
- Universal 120 -240 VAC input
- Low voltage DC, regulated and filtered
- Single polarized connector for distribution board
- Fused primary input
- AC input and DC output monitoring circuit w/ LED indicators
- Cover mounted AC input indication
- NEMA 1 enclosure
- Hinged cover w/ lock down screws
- High voltage protective cover

OPTIONS

- Emergency Interface Relay (FA)
- Battery Backup
- 2 relay QEL panic device control board
- 4 relay distribution board
- 4 relay distribution board with logic
 - Field configurable for:
 - Time delay function
 - Auto operator
 - Security interlock
- 8 fused output distribution board
- 8 PTC output distribution board



PS902

PS902 Power Supply Specifications	
Specification	Description
Input Voltage	120/240 VAC, 50/60 Hz, universal input
Output Voltage	2A @ 12 or 24 VDC Field selectable with jumper Switching supply, 5% regulation, 240mVpp max ripple
Enclosure	Grey / Baked enamel 14"H x 12"W x 4"D Eight 1/2" x 3/4" Knockouts NEMA Grade 1 Hinged cover with lock down screws
Operating Temperature	32°-120° F (0°-49° C)
Certifications	UL 294 Class 2 RoHS FCC Part 15
Option Board Compatibility	900-BB: Battery Backup 900-FA: Fire Alarm 900-2Q: 2 Relay QEL control Board 900-4R: 4 Relay Output Board 900-4RL: 4 Relay Logic Board 900-8F: Fused 8 Zone Distribution Board 900-8P: PTC 8 Zone Distribution Board
AC Primary Fuse Size	3.15A, 250v, 5 x 20mm SLOW-BLOW
Battery Fuse Size	7.5A 32v ATO blade style
DC Output Protection	Overload protection - current limited foldback circuit
Indicators	LED indicators: -AC input (visible on outside of enclosure) -DC output Isolated SPDT contacts to monitor AC power status
Weight (Power Supply)	Approx. 9.0 lbs
Weight (Each Battery)	4.0 lbs
AC Input Termination	3 position terminal block with protective cover Wire capacity: 10 AWG max.
DC Output Termination	2 position terminal block Wire capacity: 12 AWG max.
Distribution board connectors	1
Fire Alarm board connector	Yes
Keylock	Optional