ASSA ABLOY

ASSA ABLOY Entrance Systems
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ASSA ABLOY SL500 SA-SL
SURFACE APPLIED, FULL BREAKOUT
NARROW STILE SINGLE SLIDE DOOR SYSTEM

NOTE: THE STANDARD PACKAGE CONSISTS OF:
THE AUTOMATIC OPERATOR & WEATHERSTRIP, FRAMES, DOORS WITH
VERTICAL WEATHERSTRIP, EMERGENCY BREAKAWAY
& 1-POINT LOCK. OPTIONAL 5 POSITION SWITCHES (DIGITAL (3 OR 5)
OR KEY (5)), (OFF-EXIT ONLY-AUTO-REDUCED OPENING-HOLD OPEN OR
OFF,AUTO, HOLD OPEN), MOTION/PRESENCE SENSORS.
STANDARD FINISH: CLEAR- AA-M12C22A41, CLASS 1, .018 MM.
                 DARK BRONZE- AA-M12C22A44, CLASS 1, .018 MM
SPECIAL FINISHES ARE AVAILABLE.

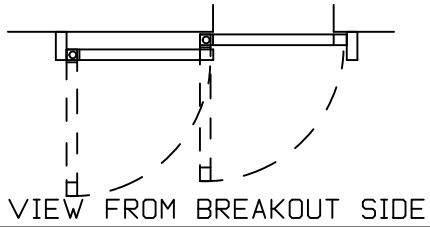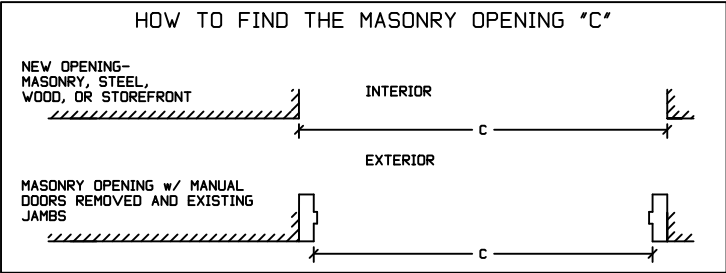THIS PACKAGE WILL ACCEPT UP TO 1" (25.4) INSULATED GLASS.

NOTE DRAWING IS DIMENSIONED IN BOTH ENGLISH AND METRIC
REF. AS FOLLOWS 1" (25.4) ALL METRIC SIZES ARE MILLIMETERS.

* FOR MAXIMUM CURRENT DRAW PER OPERATOR, SEE PRODUCT
SPECIFICATION, INSTALLATION INSTRUCTIONS, OR THE UL
LABEL ON THE EQUIPMENT.

REFER TO RELEVANT (LOCAL, STATE, NATIONAL OR AHJ) BUILDING
CODE FOR MIN DOOR HEIGHT & MIN/MAX WIDTH ALLOWABLE
FOR EGRESS REQUIREMENT IN CONJUNCTION WITH TABLE BELOW.

MOTION/PRESENCE SENSORS

6 5/8" [167.1]

SECTION 1

SECTION 5

7" [177.8]

HEADER SURFACE MOUNTED

120 VAC. 50/60 HZ.
15/20A. BY ELEC. CONTR.
TO JUNCTION BOX.

1

5

4

2

3

LEFT HAND SLIDE   RIGHT HAND SLIDE

BREAKOUT SIDE   EXTERIOR

41 1/2" (1054.1)

F.F.L.

OPTIONAL MUNTIN

MOUNTED @ 41 1/2" ABOVE F.F.L.

STD HT. 82 1/8" (2086)

O.F.H. STD 91" (2311.4)

R.O.H. STD 84" (2133.6)

SECTION 2

SECTION 3

SILL SURFACE MOUNTED (STANDARD)

NON REMOVABLE
SECURITY TYPE
GLAZING BEAD
SYSTEM (TYP.)
1/4" STANDARD.

COVER SIDE

BREAKOUT SIDE

F.F.L.

1/4" (6.3)

MASONRY OPENING WIDTH C	ACTIVE LEAF WIDTH D	DOOR OPENING A	OVERALL FRAME HEIGHT	ROUGH OPENING HEIGHT	OVERALL FRAME WIDTH B
36" (914.4)	38 5/8" (981.1)	32 3/8" (822.3)	91" (2311.4)	84" (2134)	78 1/4" (1987.6)
42" (1066.8)	44 5/8" (1133.5)	38 3/8" (974.7)	91" (2311.4)	84" (2134)	90 1/4" (2292.4)
48" (1219.2)	50 5/8" (1285.9)	44 3/8" (1127.1)	91" (2311.4)	84" (2134)	102 1/4" (2597.2)
50 7/8" (1292.2)	53 1/2" (1358.9)	47 1/4" (1200.2)	91" (2311.4)	84" (2134)	108" (2743.2)
KEY	C+2 5/8" C+(66.7)	C-3 5/8" C-(92.1)	ROH+7" ROH+(177.8)	OFH-7" OFH-(177.8)	2C+6 1/4" 2C+(158.8)

OFW NOTE: CONSULT FACTORY FOR EXTENDED HEADERS.

STD. GLASS SIZE KEY*	WIDTH	C-2 1/4" C-(57.2)
	HEIGHT	(OFH)-15 7/8" (OFH)-(403.2)

*FOR SIDELITE,
MINUS 1/8" FROM GLASS
FORMULA SHOWN

* NARROW STILE RAILS w/ 1/4" GUTTER, NO MUTTINS BASED ON MASONRY OPENING

HOW TO FIND THE MASONRY OPENING "C"

NEW OPENING-
MASONRY, STEEL,
WOOD, OR STOREFRONT

INTERIOR

EXTERIOR

MASONRY OPENING w/ MANUAL
DOORS REMOVED AND EXISTING
JAMBS

c

c

VIEW FROM BREAKOUT SIDE

Optional Factory Prep
Switch Location @
74-1/2"H

C

D

INTERLOCK ENGAGED

PIVOT POINT

GUIDE TRACK

6" [151.6]

A

CLEAR DOOR OPENING

B

1 3/4" (44.5)

SECTION 4 PLAN

LEFT HAND SHOWN (R.H.S. OPPOSITE)

COVER SIDE   BREAKOUT SIDE

F.FL. MUST NOT BE
CONCAVE ACROSS
THE CLEAR DOOR OPENING
AND NOT OUT OF
LEVEL MORE THAN
1/4" (TYP.)

F.FL. MUST NOT BE AN INCREASE IN
ELEVATION THROUGH BREAKOUT DOOR(S) PATH

DWG NO.	1011268					
DRN BY	CLW	DATE 8/26/13	CHK BY SS	DATE 8/26/13	REV. 5.0	DATE 01/19/22

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