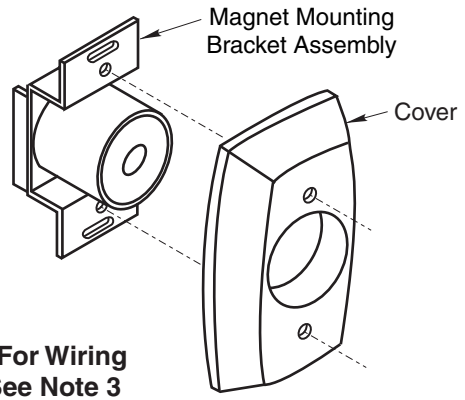
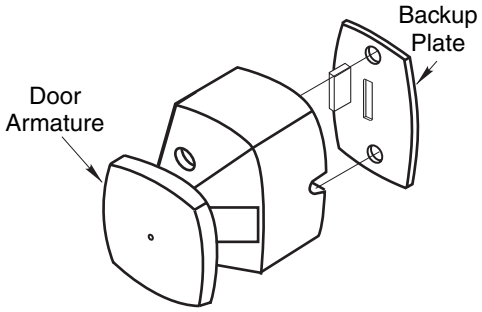
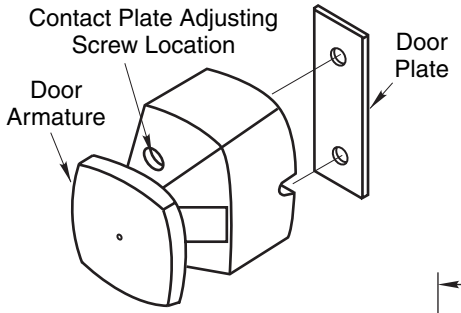
Rixson® is a registered trademark of Yale Security Inc., an ASSA ABLOY Group company. Copyright© 2000, 2013, Yale Security Inc., an ASSA ABLOY Group company.
All rights reserved. Reproduction in whole or in part without the express written permission of Yale Security Inc. is prohibited.



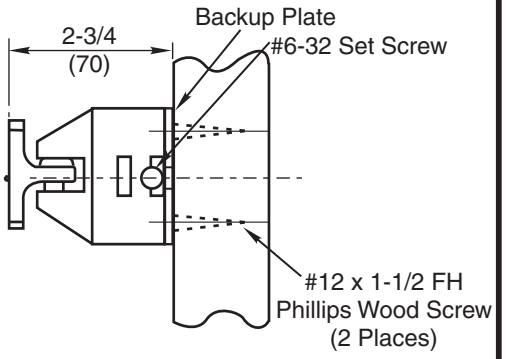
*** For Wiring See Note 3**

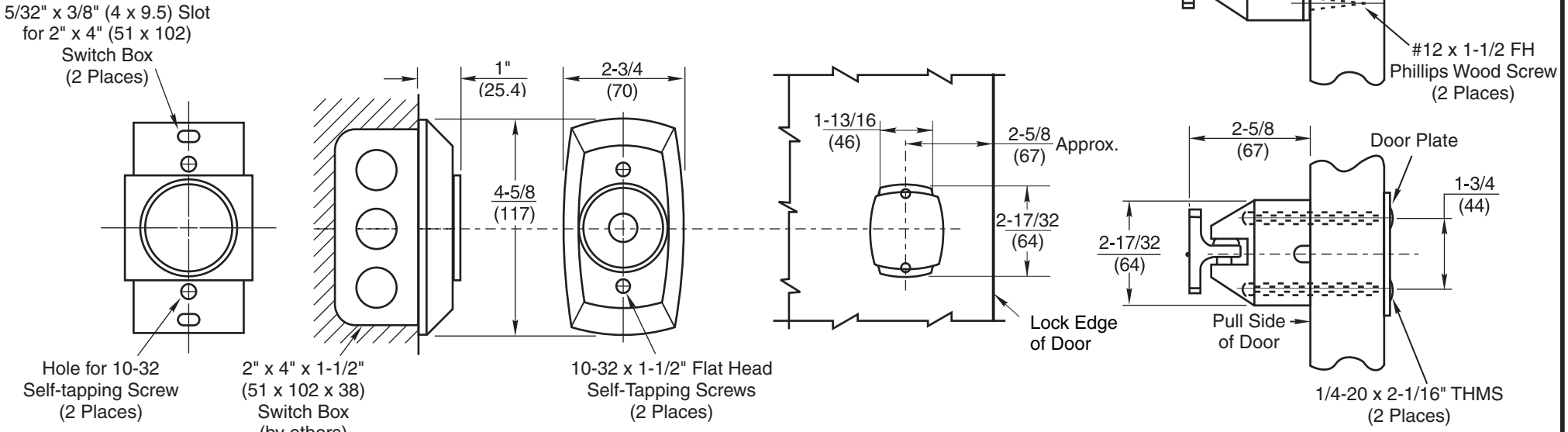


Surface Applied Concealed Mounting
Recommended for Solid Wood Doors Only



Thru Bolt Mounting
Recommended for Hollow Metal, Hollow Core or Composite Type Wood Doors





Notes:

1. Do not scale drawing.
2. Total projection 3-5/8" (92mm). (Includes electromagnet and armature assembly.)
3. Non-tri voltage magnets have two non-polarized wires to be connected. Tri voltage magnets are connected using a terminal strip on back of magnet. One wire in common and one wire in the appropriate voltage terminal (non-polarized).
4. See step 1 of instructions for Switch Box location. Anchor Switch Box to withstand a minimum 50 lb. pull. Switch Box shown installed in a vertical position.
5. Door closing mechanism should have a 3 lb. closing force at the degree of door opening where door armature and electromagnet engage.
6. Mounting of Switch Box should be reinforced to withstand shock of door opening. Failure to do so will cause Box anchors to work loose.
7. All dimensions given in inches (mm).

FM998 Door Release

RIXSON
ASSA ABLOY
www.rixson.com

TEMPLATE NUMBER	DATE
DR100270A	07-13

Rixson® is a registered trademark of Yale Security Inc., an ASSA ABLOY Group company. Copyright© 1994, 2013, Yale Security Inc., an ASSA ABLOY Group company.
All rights reserved. Reproduction in whole or in part without the express written permission of Yale Security Inc. is prohibited.

1. Use table to locate Switch Box.

2. Determine door width (Dim "B"). Measure pivot centerline to wall (Dim. "A"). Find dimension "C" in table.
   Example: Pivot centerline to wall ("A") = 10" (254mm)
   Door Width ("B") = 36" (914mm)
   Switch Box Centerline ("C") = 33" (838mm)

3. If "A" or "B" falls between the numbers listed in table, allow for difference.
   Example: Pivot centerline to wall ("A") = 17" (432mm)
   Door Width ("B") = 36" (914mm)
   Switch Box Centerline ("C") = 33" (838mm)

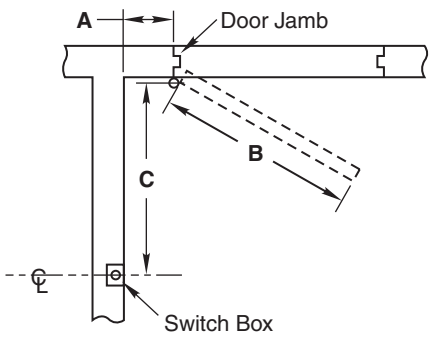
4. If dimensions "A" and "B" intersect in shaded area of table DO NOT INSTALL SWITCH BOX. The degree of door opening will not permit proper alignment between armature and wall magnet.

5. Height to be determined by others. Suggested height is 2' to 4' (610mm to 1219mm) from floor and/or not over 6' (1829mm).

6. Check degree of door opening in table and coordinate with door closers and other door hardware.

"A" – Pivot Centerline to Wall
"B" – Door Width
"C" – Pivot Centerline to Switch Box Centerline

Location of Switch Box



Dim. "A"	Door Width "B"																					
	28" (711)		30" (762)		32" (813)		34" (864)		36" (914)		38" (965)		40" (1016)		42" (1067)		44" (1118)		46" (1168)		48" (1219)	
	"C"	Deg.	"C"	Deg.	"C"	Deg.	"C"	Deg.	"C"	Deg.	"C"	Deg.	"C"	Deg.	"C"	Deg.	"C"	Deg.	"C"	Deg.	"C"	Deg.
2" (51)	26" (660)	90°	28" (711)	90°	29-7/8 (759)	90°	32" (813)	90°	34" (864)	90°	36" (914)	91°	38" (965)	91°	40" (1016)	92°	42" (1067)	92°	43-7/8 (1114)	92°	45-5/8 (1159)	92°
4" (102)	26" (660)	93°	28" (711)	94°	29-7/8 (759)	94°	32" (813)	94°	34" (864)	94°	36" (914)	94°	38" (965)	94°	40" (1016)	94°	42" (1067)	94°	43-7/8 (1114)	94°	45-5/8 (1159)	94°
6" (152)	25-5/8 (651)	97°	27-5/8 (702)	97°	29-5/8 (752)	97°	31-3/4 (806)	97°	33-3/4 (857)	97°	35-3/4 (908)	97°	37-3/4 (959)	97°	39-3/4 (1010)	97°	41-3/4 (1060)	97°	43-5/8 (1108)	96°	45-3/8 (1153)	96°
8" (203)	25-1/4 (641)	103°	27-1/4 (692)	103°	29-1/4 (743)	103°	31-3/8 (797)	101°	33-1/2 (851)	100°	35-1/2 (902)	100°	37-3/8 (949)	100°	39-1/2 (1003)	99°	41-1/2 (1054)	99°	43-3/8 (1102)	98°	45-1/4 (1149)	98°
10" (254)	24-5/8 625)	107°	26-3/4 (679)	106°	28-3/4 (730)	106°	30-7/8 (784)	105°	33" (838)	104°	35" (889)	103°	37" (940)	103°	39-1/8 (994)	103°	41-1/8 (1045)	103°	43" (1092)	102°	44-7/8 (1140)	102°
12" (305)	23-3/4 (603)	113°	25-7/8 (657)	111°	28" (711)	110°	30-1/8 (765)	108°	32-1/4 (819)	107°	34-3/8 (873)	107°	36-3/8 (924)	107°	38-1/2 (978)	106°	40-5/8 (1032)	106°	42-1/2 (1080)	104°	44-3/8 (1127)	104°
14" (356)	22-3/4 (578)	117°	25" (635)	115°	27-1/4 (692)	114°	29-3/8 (746)	113°	31-1/2 (800)	112°	33-3/4 (857)	110°	35-7/8 (911)	109°	38" (965)	108°	40" (1016)	107°	42" (1067)	106°	43-7/8 (1114)	106°
16" (406)	21-3/4 (552)	123°	24" (610)	120°	26-1/4 (667)	117°	28-1/2 (724)	116°	30-3/4 (781)	115°	33" (838)	114°	35-1/8 (892)	113°	37-1/4 (946)	112°	39-3/8 (1000)	112°	41-3/8 (1051)	110°	43-3/8 (1102)	108°
18" (457)	20" (508)	127°	22-1/2 (572)	125°	25" (635)	123°	27-3/8 (695)	120°	29-3/4 (756)	117°	32" (813)	116°	34-1/4 (870)	116°	36-1/2 (927)	115°	38-5/8 (981)	114°	40-5/8 (1032)	113°	42-1/2 (1080)	112°
20" (508)	18-1/4 (464)	134°	21" (533)	130°	23-1/2 (597)	127°	26" (660)	125°	28-1/2 (724)	123°	30-7/8 (784)	121°	33-1/8 (841)	119°	35-3/8 (899)	118°	37-5/8 (956)	117°	39-5/8 (1006)	115°	41-5/8 (1057)	114°
22" (559)			18-3/4 (476)	132°	21-5/8 (549)	133°	24-3/8 (619)	130°	27" (686)	127°	29-3/8 (746)	125°	31-3/4 (806)	123°	34-1/8 (867)	121°	36-1/2 (927)	120°	38-5/8 (981)	118°	40-3/4 (1035)	116°
24" (610)							22-1/2 (572)	132°	25-1/2 (648)	133°	28-1/8 (714)	130°	30-5/8 (778)	127°	33-1/8 (841)	125°	35-5/8 (905)	123°	37-7/8 (962)	121°	40" (1016)	119°
26" (660)											26-1/4 (667)	132°	29" (737)	130°	31-5/8 (803)	128°	34-1/4 (867)	127°	36-1/2 (927)	125°	38-5/8 (981)	123°
28" (711)															29-3/4 (756)	130°	32-1/2 (826)	129°	34-7/8 (886)	127°	37-1/8 (943)	126°
30" (762)															27-3/4 (705)	132°	30-5/8 (778)	134°	33" (838)	130°	35-3/8 (899)	128°
32" (813)																			31-3/8 (797)	132°	33-7/8 (860)	132°

Dimensions given in inches (mm).

FM998 Door Release Location Sheet

RIXSON
ASSA ABLOY
www.rixson.com

TEMPLATE NUMBER	DATE
DR100270B	07-13