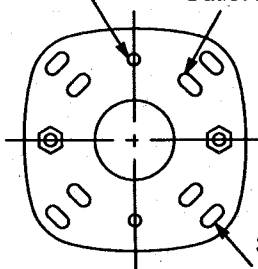


### COVER AND MAGNET ASSEMBLY

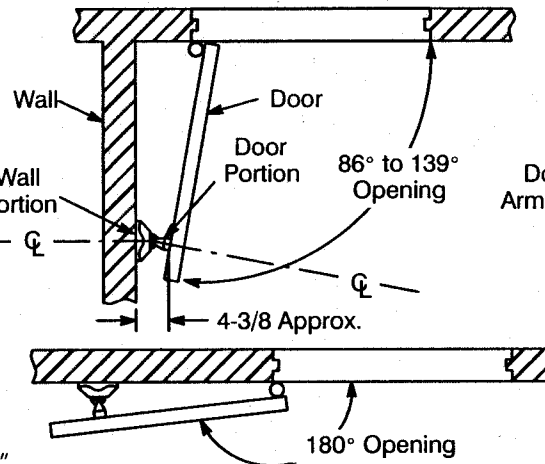
\* FOR WIRING, SEE NOTE 3

.144 Dia. Hole for 2" x 4" Outlet Box  
3/16" x 1/2" Slot for 4" Octagonal Outlet Box



### BASE PLATE

3/16" x 1/2" Slot for 4" Square Outlet Box



Contact Plate  
Adjusting  
Screw Location

Door  
Armature

Door  
Plate

### THRU BOLT MOUNTING

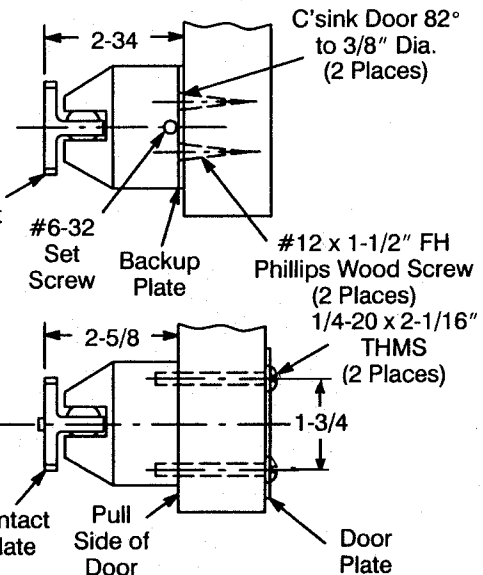
Recommended for  
Hollow Metal, Hollow Core or  
Composite Type Wood Doors

### SURFACE APPLIED CONCEALED MOUNTING

Recommended  
for Solid Wood  
Doors Only

Door  
Armature

Backup  
Plate



### COVER AND BASE PLATE ASSEMBLY

1/4-20 x 3/4"  
Fillister Head Screws  
(2 Places)

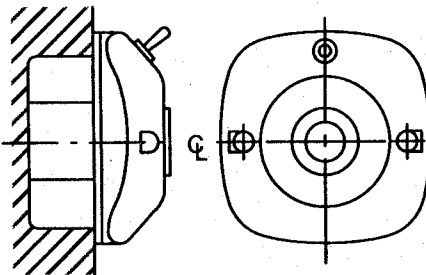
Lock  
Edge  
of Door

Contact  
Plate  
Pull  
Side of  
Door

Door  
Plate

### NO. 999T UNIT

This unit is the  
same as above  
with the addition  
of an On-Off  
Toggle Switch.



### Notes:

1. Do not scale drawing.
2. Total projection 4-3/8". (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 on template DR100280B for outlet box location.

Anchor outlet box to withstand a minimum 50 lb. pull. Outlet 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. Door hardware must not project more than 4" on pull side of door.
7. Mounting of outlet box should be reinforced to withstand shock of door opening. Failure to do so will cause box anchors to work loose.
8. All dimensions given in inches.

## FM999 Door Release

**RIXSON**®

Rixson Specialty Door Controls

www.rixson.com

TEMPLATE NUMBER

**DR100280A**

DATE

**2-00**