

This instruction describes the method for installing a door switch (aka Magnetic Contact) on a sliding door. The door switch (Bally PN 045874) is used by door light managers to sense when sliding doors are opened. Bally swing Doors are typically shipped with sensors already installed. Door switches are closed (conducting electricity) when the door is closed, and are wired in series. When all the doors are closed, the device receives the signal.

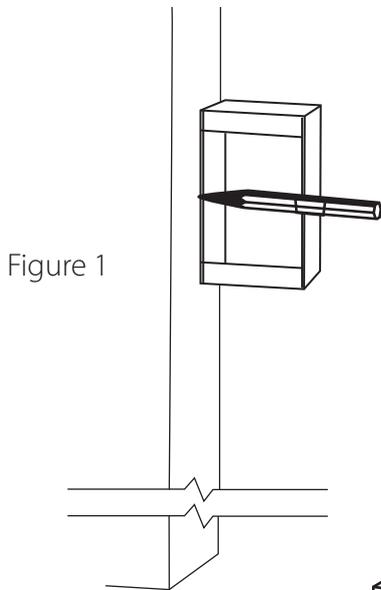


Figure 1

Locate the switch on the opening side of the door, on the high side, above the safety gasket, without interfering with any drive parts. Place a T-11 Box alongside the door while it is closed. Lightly mark the door to indicate the elevation. (Fig.1)

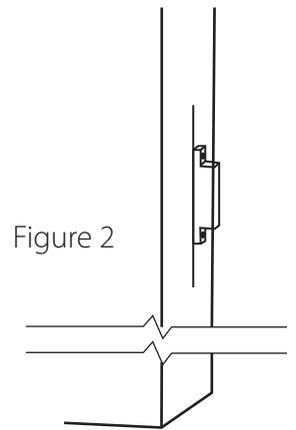


Figure 2

Mount the magnet with the outer edge along the scribed line. (Fig. 2)

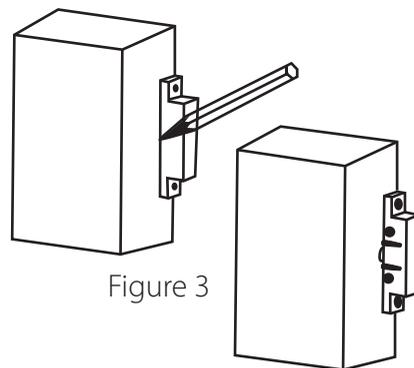


Figure 3

On the T-11 box, flush the front side of the switch with the top of the box, and mark the mounting hole centers & back edge onto the box. Drill 1/8" for the mounts & a 5/816" hole at the middle of the line. The large hole will make it easier to wire the switch and yet will be entirely beneath the switch & cover. (Fig. 3)

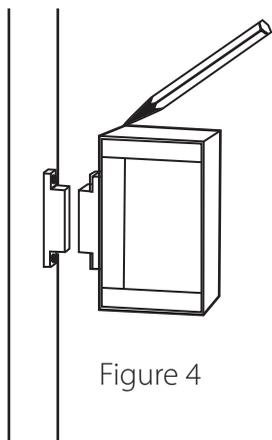


Figure 4

Position the T-11 box, with the switch temporarily mounted, and match it up to the magnet with the door fully closed. The switch has a 1" actuation range, so feel free to leave a gap around 1/2". Mark the location and drill mounting holes. (Fig. 4)

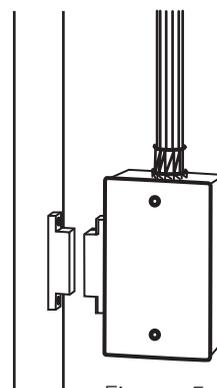


Figure 5

Install the box and conduit. Pull the cable, strip and attach the leads to the connections while the switch is still loose, then install the switch and cover. (Fig. 5)