



ASSA ABLOY

M157

## TECHNICAL BULLETIN

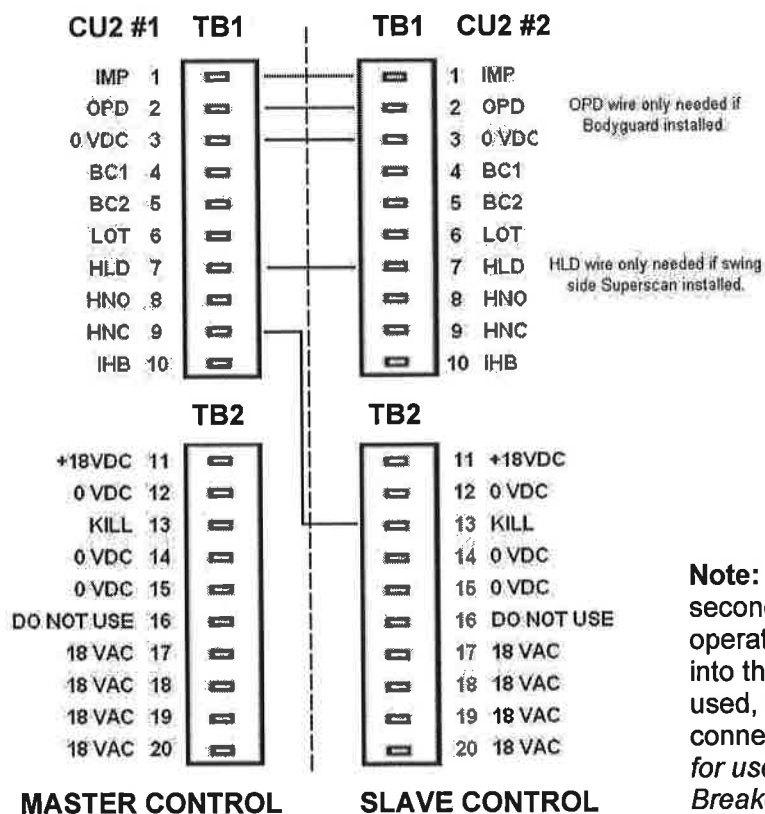
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### Swingmaster 900 Pair Sync Wiring For Door Coordination (Auto-Flush Bolts)

When installing Simultaneous or Dual Egress pairs of SM900 operators with auto flush bolts or a door astragal, connect a cable between the two controls using the wiring diagram below. The following wiring practice needs to be followed for coordinated door operation.

The purpose for wiring the doors in this manner is to allow the master door to open before the slave door, this provides time for the auto flush bolts to retract before the slave door opens. When the master door opens a few degrees and the Home Switch is activated, the 0 VDC is removed from the slave door KILL input, which allows the slave door to open.



**NOTE:**  
DO NOT USE Quick  
connection Sync cable  
US02-0583-03.

**Note:** The activation source must have at least 1 second of contact closure for this process to operate. If a CUHub is used, it must be plugged into the Master Control. If the CUHub is not used, all Activation and Safety impulses must connect to the Master Control. (*This process is for use on non-panic doors only, since Breakout/Kill cannot be synced.*)