Door Controls International designed and patented the original soffit applied coordinator. The 600 Series Coordinator is manufactured to function in high-frequency areas with minimum maintenance. This innovative design provides a smooth, quiet, invisible, and tamper-proof means of controlling the closing sequence of the active and inactive doors. Coordinators are widely used on pairs of doors equipped with or without astragals, rabbeted door edges, vertical rod exit devices, automatic, and self-latching flush bolts. Manufactured & assembled in Dexter, Michigan.

### Listings
UL Listed, No. R10849  
Cycle tested (500,000) under UL supervision  
UL Certified ANS/BHMA 156.3-2008, Grade 1, Type 21, 21A  
Patent Nos. 3822506, 3895461

### Appearance
The 600 Series is designed to become an integral part of the frame. Filler bars are supplied with the coordinator mechanism to extend to the width of the frame. The 600 Series Coordinators are furnished in black prime coat and when painted to match the frame, become virtually invisible. In addition, US28 powder coated and plated finishes are available.

### Vandal and Accident Resistant
An adjustable shock absorption spring located in the hold-open lever allows the lever to release the active door if abnormal forces are applied to it while in the “held open” position. This prevents damage to the door, hinges, coordinator, and other associated hardware.

### Adjustment Feature
The spring in the hold-open lever can be adjusted by a #2 Phillips screwdriver for adapting to various closing speeds, and different door weights.

### 500 Series Coordinator
The 500 Series Coordinators are UL Listed devices used to coordinate the closing of pairs of doors in jamb openings of 36” to 104” wide. The coordinator mechanism and inactive door brackets are cast of solid brass or bronze. The roller strike for the top of the inactive door is wrought stainless steel, brass, or bronze. The overall projection of the coordinator arm is 7”. The roller at the end of the coordinator arm cushions the contact of the active door when it is closing. The reversible nylon roller which lifts the coordinator arm insures smooth and long lasting operation. A curved lip roller strike is supplied with all devices.

842 & 942 Non-Handed Automatic Flush Bolts

Listings
UL Listed, No. R7912, ADA Compliant
Cycle tested (500,000) under UL supervision
UL Certified to ANSI/BHMA 156.3-2008, Grade 1, Type 25
Patent Nos. 4611840, 4005886

Override Feature
The override spring prevents damage to doors or bolts should the bolt head be unable to extend into the top or bottom strike.

Low Closing Force
Patented free floating cams require less than 5 lbs. closing force of the active door to extend both top and bottom bolts.

Adjustable Bolt Head Rods
Bolts can be vertically adjusted for unusual clearances, floor or head conditions. An adjustment of 1 ¼" is available for the 842 Series and ½" for the 942 Series.

Low Inventory
Trim Packages can be ordered separately to reduce inventory levels, which consist of bolt cover plates, strikes, and screws.

Stock Finishes
BHMA Standard  605, 606, 612, 613, 625, 626, 629, 630

Automatic flush bolts are installed in the top and bottom of the inactive door. Closing the active door automatically extends both top and bottom bolts ¾" into frame and sill strikes, locking inactive door. Opening the active door retracts top and bottom bolts, releasing the inactive door. Manufactured and assembled in Dexter, Michigan.
862/962 & 962 Non-Handed Automatic Flush Bolts & Bottom Fire Bolt

No. 862/962 for Metal & Wood Doors
Fired-Rated 3 Hours for Metal and 1-1/2 Hours for Wood Doors

No. 962 for Wood Doors
Fire-Rated 1-1/2 Hours

Listings
UL Listed, No. R7912, ADA Compliant
Tested over 1 Million Cycles
UL Certified to ANSI/BHMA 156.3-2008, Grade 1, Type 25

Fully automatic; opening active door retracts top and bottom bolts. Closing active door extends bolts into frame and sill strikes, locking inactive door.

The Patented Two-Piece Design
The small profile design requires only a latch bolt prep of two 1-1/8” diameter holes at the rail and meeting edge of the door. The prep will also maintain the stability of the wood door by eliminating the need to remove the core at the corners, preventing delamination and or breakage.

Override Feature
The override spring prevents damage to doors or bolts should the bolt head be unable to extend into the top or bottom strike.

Low Closing Force
Patented free floating cams require less than 3 lbs. closing force on the active door to extend both top and bottom bolts.

Adjustable Bolt Head Rods
Bolts can be vertically adjusted ½” for unusual clearances, floor or head conditions.

Easy Ordering
The 860/960 Series is packaged as a complete set to be installed in a recessed or flush metal door, or wood door. Also, order Trim Packages separately to reduce inventory levels, which consist of bolt cover plates, strikes and screws.

Stock Finishes
BHMA Standard 605, 606, 612, 613, 625, 626, 629, 630

Manufactured and assembled in Dexter, Michigan.

Bottom Fire Bolt

Metal Doors
Fire-Rated 3 Hours
805/8BFB Self-Latching Top Bolt & Bottom Fire Bolt
840/8BFB Automatic Top Bolt & Bottom Fire Bolt
860/BFB Automatic Top Bolt & Bottom Fire Bolt

Wood Doors
Fire-Rated 20 minutes
905/9BFB Self-Latching Top Bolt & Bottom Fire Bolt
940/9BFB Automatic Top Bolt & Bottom Fire Bolt
960/BFB Automatic Top Bolt & Bottom Fire Bolt
860/960/BFB Automatic Top Bolt & Bottom Fire Bolt

The BFB Bottom Fire Bolt eliminates the bottom automatic flush bolt and dust proof strike. The BFB is installed horizontally in the inactive door, with a mating hole in the edge of the active door. When subjected to 230°F the BFB projects a bolt, locking the leaves together.
845 & 945 Non-Handed Self-Latching Flush Bolts

No. 845 for Metal Doors
Fire-Rated 3 Hours

No. 945 for Wood Doors
Fire-Rated 1½ Hours

No. 805
Self-Latching Bolt
(Top Bolt Only)

No. 905
Self-Latching Bolt
(Top Bolt Only)

No. 840
Automatic Flush Bolt

No. 940
Automatic Flush Bolt

Self-Latching Flush Bolts will engage the curved frame lip strike as the inactive door closes, locking the inactive door. The top bolt will remain locked until the plunger is depressed on the face of bolt. The bottom bolt, an Automatic Flush Bolt, will engage the sill and frame strike only when the active door is closed, and will be released when the active door is opened. Manufactured and assembled in Dexter, Michigan.

Listings
UL Listed, No. R9600, ADA Compliant
Conforms to ANSI/BHMA 156.3-2008, Type 27
Patent Nos. 4611840, 4005886

Override Feature
The override spring prevents damage to doors or bolts should the bolt head be unable to extend into the top or bottom strike.

Low Closing Force
Patented free floating cams require less than 5 lbs. closing force of the active door to extend both top and bottom bolts.

Adjustable Bolt Head Rods
Bolts can be vertically adjusted for unusual clearances, floor or head conditions. An adjustment of 1¼" is available for the 845 Series and ½" for the 945 Series.

Low Inventory
Trim Packages can be ordered separately to reduce inventory levels, which consist of bolt cover plates, strikes, and screws.

Stock Finishes
US Standard
BHMA Standard
605, 606, 612, 613, 625, 626, 629, 630
Dust proof strikes are designed to eliminate dust and debris from collecting in the floor strike. The No. 80, 81, & 82 Dust Proof Strikes are compatible with the 780F, 790F, 842, 845, 862/962, 942, 945, & 962 Flush Bolts.

Listings
Conforms to ANSI/BHMA 156.16-2008, L14021

Finishes