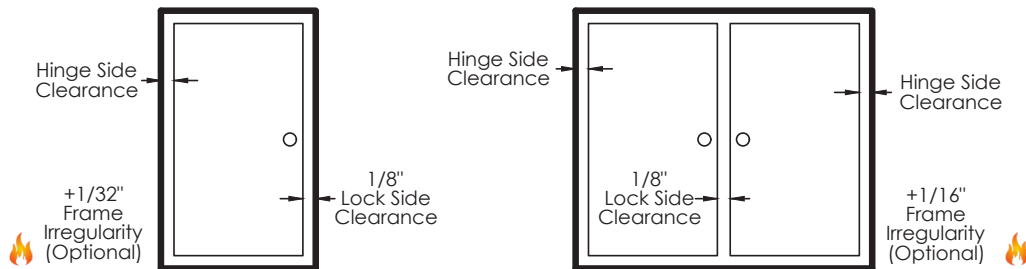


Door Clearance Chart Squared Edge

Single Door - Squared Edged							
Hinge Model		Hinge Thickness	+	Lock Side Clearance	+	*Frame Irregularity (OPTIONAL)	= Square Edged Door Undersized (Single)
Full Concealed	A110, A110WT, A111 A111WT, A120, A140, A150, A160, A240, A260, A270, A410	5/16"	+	1/8"	+	1/32"	= 15/32"
	A130, A135	13/16"	+	1/8"	+	1/32"	= 3 1/32"
Half Surface	A211, A213, A450, A460, A520, A530, A540, A550	3/16"	+	1/8"	+	1/32"	= 1 1/32"
Full Surface	A210, A570, A571, A575	1/16"	+	1/8"	+	1/32"	= 7/32"

Single Door

Pair of Doors



Pair of Doors - Squared Edged							
Hinge Model		Hinge Thickness (Pair)	+	Lock Side Clearance	+	*Frame Irregularity (OPTIONAL)	= Square Edged Door Undersized (Pair)
Full Concealed	A110, A110WT, A111 A111WT, A120, A140, A150, A160, A240, A260, A270, A410	5/8"	+	1/8"	+	1/16"	= 13/16"
	A130, A135	1-5/8"	+	1/8"	+	1/16"	= 1-13/16"
Half Surface	A211, A213, A450, A460, A520, A530, A540, A550	1/4"	+	1/8"	+	1/16"	= 7/16"
Full Surface	A210, A570, A571, A575	1/8"	+	1/8"	+	1/16"	= 5/16"

* 1/16" Frame Irregularity Allowance, Optional and included in all Total Door Undersize for single and pairs of doors

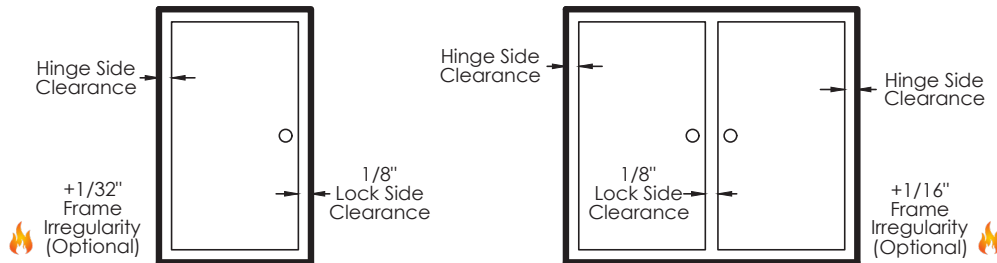
Frame irregularity not permitted by NFPA80

Door Clearance Chart Beveled Edge

Single Door - Beveled Edged										
Hinge Model		Hinge Thickness	+	Lock Side Clearance	+	* Frame Irregularity (OPTIONAL)	+	Beveled Door Clearance	=	Beveled Edged Door Undersized (Single)
Full Concealed	A110, A110WT, A111 A111WT, A120, A140, A150, A160, A240, A260, A270, A410	5/16"	+	1/8"	+	1/32"	+	1/32"	=	1/2"
	A130, A135	13/16"	+	1/8"	+	1/32"	+	1/32"	=	1"
Half Surface	A211, A213, A450, A460, A520, A530, A540, A550	3/16"	+	1/8"	+	1/32"	+	1/32"	=	3/8"
Full Surface	A210, A570, A571, A575	1/16"	+	1/8"	+	1/32"	+	N/A	=	7/32"

Single Door

Pair of Doors



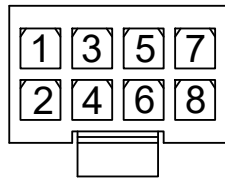
Pair of Doors - Beveled Edged										
Hinge Model		Hinge Thickness (Pair)	+	Lock Side Clearance	+	* Frame Irregularity (OPTIONAL)	+	Beveled Door Clearance	=	Beveled Edged Door Undersized (Pair)
Full Concealed	A110, A110WT, A111 A111WT, A120, A140, A150, A160, A240, A260, A270, A410	5/8"	+	1/8"	+	1/16"	+	1/16"	=	7/8"
	A130, A135	1-5/8"	+	1/8"	+	1/16"	+	1/16"	=	1-7/8"
Half Surface	A211, A213, A450, A460, A520, A530, A540, A550	1/4"	+	1/8"	+	1/16"	+	N/A	=	7/16"
Full Surface	A210, A570, A571, A575	1/8"	+	1/8"	+	1/16"	+	N/A	=	5/16"

* 1/16" Frame Irregularity Allowance, Optional and included in all Total Door Undersize for single and pairs of doors

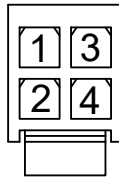
Frame irregularity not permitted by NFPA80

ABH EZ CONNECT WIRE COLOR & POSITION STANDARD FOR MOLEX™ MICRO-FIT 3.0 CONNECTOR

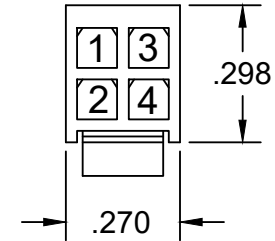
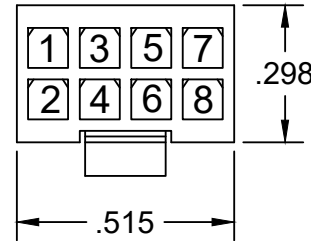
(TERMINAL INSERTION END SHOWN)



- 1: BLACK
- 2: RED
- 3: WHITE
- 4: GREEN
- 5: ORANGE
- 6: BLUE
- 7: BROWN
- 8: YELLOW



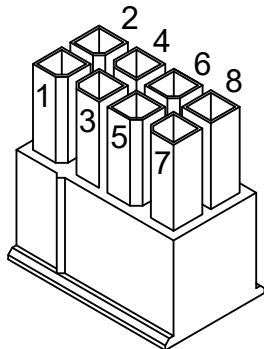
- 1: VIOLET
- 2: GREY
- 3: PINK
- 4: TAN



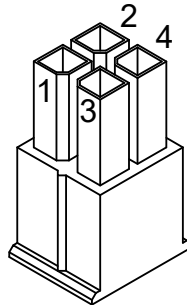
NOTE:
ABH CAN MATCH ANY MANUFACTURERS
WIRE COLOR POSITION

AVAILABLE ON

- STAINLESS STEEL CONTINUOUS HINGE
- ALUMINUM CONTINUOUS HINGES
- POWER TRANSFER UNITS
- PIVOTS
- ABH MORTISE LOCKS



8-PIN HOUSING
WIRE POSITION



4-PIN HOUSING
WIRE POSITION

CONNECTORS COMPATIBLE WITH CONNECTORS
ON ASSA ABLOY PRODUCTS*

* BRAND NAMES ARE TRADEMARKS OR REGISTERED TRADEMARKS OF THEIR RESPECTIVE COMPANIES

PT1000EZ WIRE COLOR-ASSA ABLOY-06.DWG



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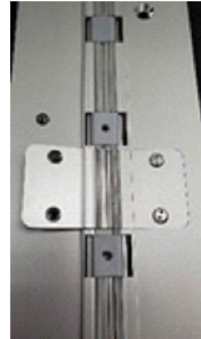
EZ CONNECT WIRE COLOR & POSITION
STANDARD FOR MOLEX™ CONNECTOR

PAGE 1 OF 1
REVISED 03-15-22

EA THRU-WIRE REPLACEMENT INSTRUCTIONS

Removal of Old Wires

1. Turn off Power to avoid shock.
2. Remove (4) #6 Spanner Flat Head Screws from the covers on the face of each hinge leaf.



3. Remove (2) covers to expose the wires.



4. Pull wires through opening and disconnect from power source and electrified hardware.



EA THRU-WIRE REPLACEMENT INSTRUCTIONS

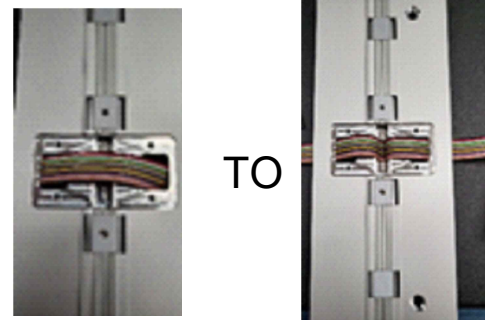
Installation of New Wire Ribbon

All wire connections must follow local codes and/or ABH Manufacturing's Minimum Requirements to ensure proper and lasting connections**

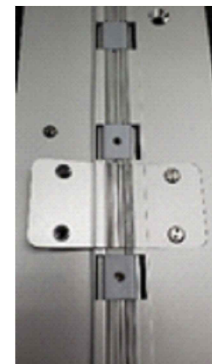
****ABH requires the use of wire nuts and electrical tape or Crimp Connectors when connecting wires to their source or supplied EZ Connectors**

1. Connect wire to the power source (FRAME SIDE) and pass wires back through hinge and frame opening.
2. Connect wires on DOOR side to electrified hardware and pass wires back through the hinge and door opening.

3. Excess Wire Ribbon should then be folded into the void of the cap.



4. Once wires are properly connected, line up the Thru-Wire Face plate gears and fasten with (4) #6 Spanner Flat Head Screws, making sure the plates sit flush to the face of the hinge leaves.



5. Turn Power back on