

INSTALLATION INSTRUCTIONS

Art#: EH4BB-4.54.54.6 | EH2BB-4.543.5 | EH2BB-4.54.53.5

Power Transfer Hinges



Unit: mm

A) Applications:

The Power Transfer hinges are used to pass low voltage power and/or signalling from a door frame to the leaf in order to power locksets, exit devices and door monitoring devices such as door position switches, request-to-exit switches, etc. The quantity and required gauge of wire depends on the hardware being used and the general purpose of the application.

B) Leaf Preparation:

The wire chase should be drilled with a 3/8" drill bit at the point noted on the hinge template. The Power Transfer hinge should always be positioned as one of the center hinges on the leaf, since the modified hinge no longer meets manufacturers load bearing specifications.

C) Frame Preparation:

Mark and drill hole to receive the wires from the Power Transfer hinge.

D) Notes:

1. Be careful not to pinch wires when securing the hinge.
2. Do not allow the hinge to dangle by the wire during installation.

E) Available Wires:

EH4BB-4.54.54.6 EH2BB-4.543.5 EH2BB-4.54.53.5	
4 Wires 26 AWG	Suitable for DELK
4 Wires 28 AWG	
8 Wires 28 AWG	
12 Wires 28 AWG	
2 Wires 18 AWG + 2 Wires 26 AWG	
2 Wires 18 AWG + 4 Wires 26 AWG	
2 Wires 18 AWG + 6 Wires 26 AWG	
2 Wires 18 AWG + 10 Wires 26 AWG	

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F) Hinge Template:

5 Knuckle Ball Bearing Standard Weight, Full Mortise

(Back side of the hinge is illustrated)

RH (Right Hand) / LHR (Left Hand Reverse)

LH (Left Hand) / RHR (Right Hand Reverse)

5 Knuckle Ball Bearing Heavy Weight, Full Mortise

(Back side of the hinge is illustrated)

RH (Right Hand) / LHR (Left Hand Reverse)

LH (Left Hand) / RHR (Right Hand Reverse)

5 Knuckle Standard Weight					Hinge Size	5 Knuckle Heavy Weight				
A	B	C	E	D		R	S	T	V	W
57.2	15.9	57.2	19.1	22.2	4-1/2" x 4"					
57.2	15.9	57.2	19.1	22.2	4-1/2" x 4-1/2"	57.2	15.9	27	19.1	22.2