

# TRON® In-Line Fuseholders

## Single-Pole for 1<sup>3</sup>/<sub>32</sub>" × 1<sup>1</sup>/<sub>2</sub>" Fuses

# HEB Series



### Non-Breakaway Holders

Catalog Symbol: HEB-AA<sup>(1)</sup> (2) (3), HEB-AB<sup>(2)</sup>, HEB-AC<sup>(2)</sup>, HEB-AD<sup>(2)</sup>, HEB-AE<sup>(2)</sup>, HEB-AJ, HEB-AK, HEB-AL, HEB-AR, HEB-AY, HEB-BA<sup>(2)</sup>, HEB-BB<sup>(2)</sup>, HEB-BC<sup>(2)</sup>, HEB-BD<sup>(2)</sup>, HEB-CC<sup>(2)</sup>, HEB-DD<sup>(2)</sup>, HEB-JJ, HEB-JK, HEB-JL, HEB-JY, HEB-LL, HEB-NN, HEB-PP<sup>(2)</sup>, HEB-QQ<sup>(2)</sup>, HEB-RR<sup>(2)</sup>, HEB-SS, HEB-TT<sup>(2)</sup>.HEB-ZA.

### In-Line Fuseholders

Single-Pole

Water-Resistant

Agency Information:

<sup>(1)</sup>UL Recognized, Guide IZLT2, File E14853

<sup>(2)</sup>CSA Certified, Class 6225-01, File 47235

<sup>(3)</sup>CE

For breakaway holders See Page 2

HEB — For 1<sup>3</sup>/<sub>32</sub>" × 1<sup>1</sup>/<sub>2</sub>" (midget) fuse. Fuseholder rated 30A, 600V Typical fuse types: BAF, FNM, FNQ, and KTK (1/10-30A).

### Ordering Information:

HEB	—	[ ]	[ ]
		Load Terminal	Line Terminal

Also See Table on Page 3

### Example:

A single-pole, in-line holder for 1<sup>3</sup>/<sub>32</sub>" × 1<sup>1</sup>/<sub>2</sub>" fuses. A single #12 solid copper wire is on the load side. A copper crimp is desired. Two #6 solid copper wire is on the line side. A copper set-screw is desired.

1. Choose HEB- Series.
2. Choose "A" for load side.
3. Choose "K" for line side.















**Complete Catalog Number:** HEB-AK.

For Insulating boots See Page 2 — Insulating boots are **not** included with **non-breakaway** parts and must be ordered separately. They come standard with the breakaway series.

When boots are utilized, extra heat retention requires that fuses are sized at a minimum of 200% of the RMS load current.

**Recommended Torque on Coupling Nut:** 10-20 in-lb.

### Specification Data - Non-Breakaway & Load-Side Breakaway Conductor Terminals

Terminal Type	Conductor Data				Catalog Symbol Load & Line (2) & (3)
	Size	No. Per Terminal	Solid	Stranded	
<b>Copper Crimp</b>  	#12 to #8	1	•	•	A
	#12	2	•	•	
	#10	2	•	•	
	B	#6	1	•	•
		#4	1	•	•
		#8	2	•	•
	C	#4	1	—	•
		#6	2	•	•
		#2	1	—	•
	D	#4	2	•	•
#20 to #18		1	•	•	
<b>Copper Set-Screw</b>  	#12 to #3	1	•	•	J
	 	#12 to #3	2	•	•
<b>Solid Copper Terminal for Aluminum Wire Connector</b>  		#8 to #12	1	•	—
	#10 to #4	1	—	•	
<b>Aluminum Crimp</b>  	#8	1	—	•	N
	#6	1	•	—	
	#6	1	—	•	P
	#4	1	•	—	
	#3, #4	1	—	•	
	#2	1	•	—	Q
	#1, #2	1	—	•	
#1/0	1	—	•	T	
<b>Aluminum Set-Screw</b>  	#12 to #2	1	•	•	L
	 	#12 to #2	2	•	•

# TRON® In-Line Fuseholders

## Single-Pole for 1<sup>3</sup>/<sub>32</sub>" x 1<sup>1</sup>/<sub>2</sub>" Fuses

# HEB Series

### Breakaway Holders

Breakaway Holders consist of two parts for a complete unit. One part is the Fuseholder, which contains the Load Terminal, and the other part is the Breakaway, which contains the Line Terminal. These can be ordered as a complete unit or as individual parts.

### Catalog Symbols:

#### Breakaway Unit:

(Includes Fuseholder, Breakaway part and Insulating Boots)

HEB-AW-RLA, HEB-AW-RLC-A<sup>(1)</sup> <sup>(2)</sup> <sup>(3)</sup>, HEB-AW-RLC-B, HEB-AW-RLC-C, HEB-AW-RLC-J, HEB-AW-RYA, HEB-AW-RYC, HEB-BW-RLC-A, HEB-BW-RLC-B, HEB-BW-RYC, HEB-JW-RLC-J, HEB-JW-RYC, HEB-KW-RLC-J, HEB-KW-RYC, HEB-LW-RLA, HEB-LW-RLC-J, HEB-LW-RYA

**Fuseholder Only:** HEB-AW<sup>(2)</sup>, HEB-BW<sup>(2)</sup>, HEB-DW<sup>(2)</sup>, HEB-JW, HEB-LW

**Breakaway Part:** RLC-A, RLC-B, RLC-C, RLC-J, RYC, RLA, RYA

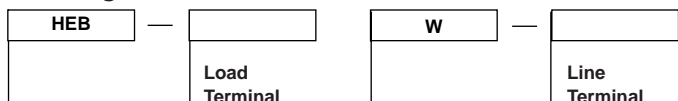
### Agency Information:

<sup>(1)</sup>UL Recognized, Guide IZLT2, File E14853

<sup>(2)</sup>CSA Certified, Class 6225-01, File 47235

<sup>(3)</sup>CE

### Ordering Information:



### Example:

A single-pole, breakaway, in-line holder for 1<sup>3</sup>/<sub>32</sub>" x 1<sup>1</sup>/<sub>2</sub>" fuses. A single #12 solid copper wire is on the load side. A copper crimp is desired. Two #6 solid copper wire is on the line side. A copper set-screw is desired.

1. Choose HEB- Series.
2. Choose "AW" for load side.
3. Choose "RYC" for line side.

**Complete Catalog Number:** HEB-AW-RYC.

**Recommended Torque on Coupling Nut:** 10-20 in-lb.

### Specification Data - Line Side Breakaway

Breakaway Receptacles		Conductor Data				Catalog Symbol
Terminal Type	Image	Conductor Size	No. Per Terminal	Solid	Stranded	
						Copper Crimp
#6	1	•	•	-RLC-B		
#4	1	•	•	-RLC-C		
Copper Set-Screw		#12 to #2	1	•	•	-RLC-J
			#12 to #2	2	•	•
Aluminum Set-Screw		#12 to #2	1	•	•	-RLA
			#12 to #2	2	•	•
Solid Breakaway		(Required with Breakaway Receptacle)				W

### Insulating Boots



Catalog Numbers	Type
2A0660	Single Conductor
2A0661	Two Conductor

Two Insulating boots come standard with the Breakaway units (ex. HEB-AW-RLC-A). The insulating boots are **not** included with the **Non-Breakaway** Holders (ex. HEB-AA) or the individual pieces of the Breakaway parts (ex. HEB-AW, RLC-A). Two insulating boots must be ordered for each holder when ordering them separately. When insulated boots are utilized, extra heat retention requires that fuses are sized at a minimum of 200% of the RMS load current.

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# For HEB Holders Only

Directions: To select complete holder P/N, work from left to right starting with load terminal options and then line terminal options. Then determine breakaway or non-breakaway style.

Load Terminal					Line Terminal					Available P/N's	
Terminal Type	Wire Size	No. of Wires per Terminal	Solid Wire	Stranded Wire	Terminal Type	Wire Size	No. of Wires per Terminal	Solid Wire	Stranded Wire	Non-Breakaway P/N (Boots not included)	Breakaway P/N (Boots included)
Copper Crimp	#12 to #8 #12	1 2	Y Y	Y Y	Copper Crimp	#12 to #8 #12	1 2	Y Y	Y Y	HEB-AA <sup>(1)(2)</sup> (3)	HEB-AW-RLCA <sup>(1)(2)</sup> (3)
Copper Crimp	#12 to #8 #12	1 2	Y Y	Y Y	Copper Crimp	#6 to #4 #10	1 2	Y Y	Y Y	HEB-AB <sup>(2)</sup>	HEB-AW-RLC-B
Copper Crimp	#12 to #8 #12	1 2	Y Y	Y Y	Copper Crimp <sup>(4)</sup>	#4 #8	1 2	N Y	Y Y	HEB-AC <sup>(2)</sup>	HEB-AW-RLC-C <sup>(4)</sup>
Copper Crimp	#12 to #8 #12	1 2	Y Y	Y Y	Copper Crimp	#2 #6	1 2	N Y	Y Y	HEB-AD <sup>(2)</sup>	N/A
Copper Crimp	#12 to #8 #12	1 2	Y Y	Y Y	Copper Crimp	2/0 #3	1 2	N N	Y Y	HEB-AE <sup>(2)</sup>	N/A
Copper Crimp	#12 to #8 #12	1 2	Y Y	Y Y	Copper Set-Screw	#12 to #3	1	Y	Y	HEB-AJ	HEB-AW-RLC-J
Copper Crimp	#12 to #8 #12	1 2	Y Y	Y Y	Copper set-screw	#12 to #3	2	Y	Y	HEB-AK	HEB-AW-RYC
Copper Crimp	#12 to #8 #12	1 2	Y Y	Y Y	Aluminum Set-Screw	#12 to #2	1	Y	Y	HEB-AL	HEB-AW-RLA
Copper Crimp	#12 to #8 #12	1 2	Y Y	Y Y	Aluminum Set-Screw	#12 to #2	2	Y	Y	HEB-AY	HEB-AW-RYA
Copper Crimp	#12 to #8 #12	1 2	Y Y	Y Y	Aluminum Crimp	#1, #2	1	N	Y	HEB-AR	N/A
Copper Crimp	#6, #4 #10	1 2	Y Y	Y Y	Copper Crimp	#12 to #8 #12	1 2	Y Y	Y Y	HEB-BA <sup>(2)</sup>	HEB-BW-RLC-A
Copper Crimp	#6, #4 #10	1 2	Y Y	Y Y	Copper Crimp	#6, #4 #10	1 2	Y Y	Y Y	HEB-BB <sup>(2)</sup>	HEB-BW-RLC-B
Copper Crimp	#6, #4 #10	1 2	Y Y	Y Y	Copper Crimp	#4 #8	1 2	N Y	Y Y	HEB-BC <sup>(2)</sup>	N/A
Copper Crimp	#6, #4 #10	1 2	Y Y	Y Y	Copper Crimp	#2 #6	1 2	N Y	Y Y	HEB-BD <sup>(2)</sup>	N/A
Copper Crimp	#4 #8	1 2	N Y	Y Y	Copper Crimp	#4 #8	1 2	N Y	Y Y	HEB-CC <sup>(2)</sup>	N/A
Copper Crimp	#2 #6	1 2	N Y	Y Y	Copper Crimp	#2 #6	1 2	N Y	Y Y	HEB-DD <sup>(2)</sup>	N/A
Copper Crimp	#20, #18	1	Y	Y	Copper Crimp	#12 to #8 #12	1 2	Y Y	Y Y	HEB-ZA	N/A
Copper Set-Screw	#12 to #3	1	Y	Y	Copper Set-Screw	#12 to #3	1	Y	Y	HEB-JJ	HEB-JW-RLC-J
Copper Set-Screw	#12 to #3	1	Y	Y	Copper Set-Screw	#12 to #3	2	Y	Y	HEB-JK	HEB-JW-RYC
Copper Set-Screw	#12 to #3	1	Y	Y	Aluminum Set-Screw	#12 to #2	1	Y	Y	HEB-JL	N/A
Copper Set-Screw	#12 to #3	1	Y	Y	Aluminum Set-Screw	#12 to #2	2	Y	Y	HEB-JY	N/A
Aluminum Set-Screw	#12 to #2	1	Y	Y	Aluminum Set-Screw	#12 to #2	1	Y	Y	HEB-LL	HEB-LW-RLA
Aluminum Crimp	#8 #6	1 1	N Y	Y N	Aluminum Crimp	#8 #6	1 1	N Y	Y N	HEB-NN	N/A
Aluminum Crimp	#6 #4	1 1	N Y	Y N	Aluminum Crimp	#6 #4	1 1	N Y	Y N	HEB-PP <sup>(2)</sup>	N/A
Aluminum Crimp	#3, #4 #2	1 1	N Y	Y N	Aluminum Crimp	#3, #4 #2	1 1	N Y	Y N	HEB-QQ <sup>(2)</sup>	N/A
Aluminum Crimp	#1, #2	1	N	Y	Aluminum Crimp	#1, #2	1	N	Y	HEB-RR <sup>(2)</sup>	N/A
Aluminum Crimp	1/0	1	N	Y	Aluminum Crimp	1/0	1	N	Y	HEB-TT <sup>(2)</sup>	N/A
Solid Terminal for aluminum connector	#8 to #12 #10 to #14	1 1	Y N	N Y	Solid Terminal for aluminum connector	#8 to #12 #10 to #14	1 1	Y N	N Y	HEB-SS	N/A

(1) UL Recognized, Guide IZLT2, File E14853  
 (2) CSA Certified, Class 6225-01, File 47235  
 (3) CE  
 (4) HEB-AW-RLC-C is for (1) #4 Stranded Wire only.

Contact your local Bussmann representative for other possible terminations not listed.