In-line fuse holders
for roadway and street lighting applications
Meet code requirements and save money with Bussmann™ series in-line fuse holders

Superior circuit protection in roadway and street lighting applications is key to keeping the lights reliable and safe. Using in-line fuse holders that can adequately withstand the lighting environment can make it easier to apply superior circuit protection.

In fact, breakaway capability and submersibility are quickly becoming preferred features. Many states already mandate breakaway fuse holders in roadway lighting applications to ensure safe disconnection in the event of a knockdown or if maintenance is required. Submersibility and waterproof requirements have also been enforced as street lighting is prone to wet conditions.

Bussmann series HEB and HEX breakaway in-line fuse holders are UL® Recognized as fuse holders and meet breakaway and submersibility requirements. What’s more, they can help you realize a reduction in labor time, tools needed and maintenance costs when used as a standard solution.

Specific codes and regulations for street lighting vary by state, for example:

Florida Department of Transportation’s Standard Specifications for Road and Bridge Construction, Section 992:

992-2.6 In Line Fuse Holders
In line fuse holders shall provide a breakaway connection and be UL recognized per Guide IZLT2 and rated for 600V. The wire connections in the fuse holders shall be of the copper setscrew type. Fused connections shall utilize... FNQ 10 amp time delay fuse rated for 500V. Fuses shall be UL listed to Standard 248-14. The rating for the fuse holders shall be water resistant or submersible rated.

HEX breakaway, dual-pole holder

• 600 volts
• Up to 30 amps
• Up to 200 kA withstand rating
• UL Recognized per Guide IZLT2, CSA® Certified, CE and RoHS compliant
• Wide range of solid or stranded copper wire sizes
• Extensive wire terminations available to meet both new installations and retrofit/repair applications
• Insulating boots for submersibility come standard

HET neutral single-pole holder

• Provides means of conductor continuity
• Permanent, solid neutral for use in conjunction with the HEB holder
• Identifiable by white, plastic coupling nut
• Can be used in place of HEB with a supplemental dummy fuse “neutral,” Bussmann series NNB

See data sheet No. 2126 for more detail.

* Solid/stranded conductors unless otherwise noted.
† Not dual wire rated. One wire per opening.
## HEB breakaway, single-pole holder

- Extensive wire terminations available to meet both new installations and retrofit/repair applications
- Wide range of solid or stranded wire sizes in aluminum or copper
- Insulating boots for submersibility come standard

### Catalog symbol

<table>
<thead>
<tr>
<th>Catalog symbol</th>
<th>Loadside terminal</th>
<th>Lineside terminal</th>
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<tbody>
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<td>HEB - A W - RYC-A</td>
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### Terminal type

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<tr>
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### Additional Information

- Up to 600 volts
- Up to 30 amps
- Up to 200 kA withstand rating
- UL Recognized to Guide IZLT2, CSA Certified, CE, and RoHS compliant

See data sheet No. 2127 for more detail.

* Solid/stranded conductors unless otherwise noted.
† Not dual wire rated. One wire per opening.
Recommended Bussmann series fuses

**FNQ 13/32” x 1-1/2” time-delay supplemental fuse**
- Color coded (orange) for 500 Vac rating
- Time-delay for inductive loads
- 1/10 to 30 amps
- 10 kA interrupting rating
- UL Listed to Standard 248-14, CSA Certified, CE and RoHS compliant
- Most popular fusible solution

**KTK 13/32” x 1-1/2” fast-acting supplemental fuse**
- Color coded (black) for 600 Vac rating
- Fast-acting for resistive loads
- 1/10 to 30 amps
- 100 kA interrupting rating
- UL Listed to Standard 248-14, CSA Certified, CE and RoHS compliant
- Well matched for protecting LED applications

**NNB 13/32” x 1-1/2” dummy fuse "neutral"**
Available for use with neutral pole requirements. Use in conjunction with HEB and HEX breakaway holders.

Visit [Eaton.com/bussmannseries](http://Eaton.com/bussmannseries) to see the complete portfolio of Bussmann series fuses and fuse holders.