

# POWR-GARD® Blocks and Holders

## IN-LINE WATERTIGHT FUSE HOLDERS

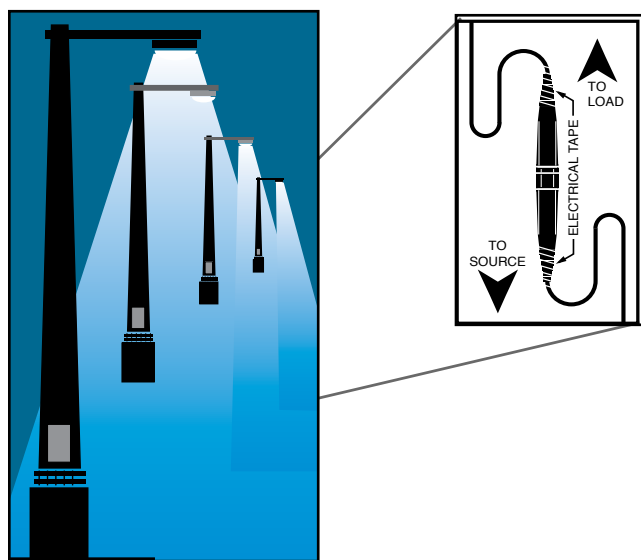


### Description

Recently redesigned, the Littelfuse 600 V ac/dc in-line watertight fuse holders allow maximum protection for high humidity and corrosive environments. The fuse holders are designed to be touch-safe and flexible for use in a variety of applications. See the list below for the redesigned part numbers.

### Applications

- Street lighting and parking lot lighting
- Sports lighting and various outdoor illuminated signs
- Boat electrical circuits, tractors/yard equipment and general outdoor circuit protection (such as traffic signals, alley lighting and electric wheelchairs)



### Specifications

|                                |                                                                                                                                                      |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Voltage rating</b>          | 600 V ac/dc                                                                                                                                          |
| <b>Ampere rating</b>           | up to 30 A                                                                                                                                           |
| <b>Withstand rating (SCCR)</b> | <b>LEC/LEY:</b> 200 kA<br><b>LEB/LEX:</b> 10kA, 20 kA or 100 kA based on the 10x38 mm fuse used                                                      |
| <b>Approvals</b>               | <b>LEC/LEY:</b> UL Listed (File: E14721), CSA Certified (File: LR7316)<br><b>LEB/LEX:</b> UL Recognized (File: E14721), CSA Certified (File: LR7316) |
| <b>Environmental</b>           | RoHS compliant, Lead (Pb) Free                                                                                                                       |
| <b>Flammability Rating</b>     | Holder: UL 94 V-0<br>Boot: UL 94HB                                                                                                                   |

### Features/Benefits

- Design increases safety by facilitating individual device disconnection for easy servicing, eliminating shock risk
- Increases efficiency by preventing faulted ballast from severely damaging fixture or device
- Designed to provide IP67 protection
- Watertight o-ring seal
- Variety of terminations available for flexible design
- Insulating boots available for harsh environments

### Recommended Fuses

**LEB/LEX series:**  
Class CC Series: CCMR, KLDR, KLKR  
Midget (10x38) Series: BLF, BLN, FLM, FLQ, KLK, KLKD

**LEC/LEY series:**  
Class CC Series: CCMR, KLDR, KLKR

### Web Resources

Download CAD drawings, dimensions and other technical information: [Littelfuse.com/in-line](http://Littelfuse.com/in-line)

### Look for these part numbers featuring our improved design

- Better surface area for ergonomic comfort, improved grip and better torque
- More pronounced seating – automatically seats as user begins twisting
- Chamfered edges for additional installation comfort

| BASE PART NUMBER | PREVIOUS ORDERING NUMBER | NEW ORDERING NUMBER |
|------------------|--------------------------|---------------------|
| LEBAA            | OLEB00AAX                | OLEB00AAXK          |
| LEBAAS           | OLEB00AASX               | OLEB00AASXK         |
| LEBAB            | OLEB00ABX                | OLEB00ABXK          |
| LEBAYCS          | OLEBAYCSX                | OLEBAYCSXK          |
| LEBBB            | OLEB00BBX                | OLEB00BBXK          |
| LEBJJ            | OLEB00JJX                | OLEB00JJXK          |
| LEBJJS           | OLEB00JSX                | OLEB00JSXK          |

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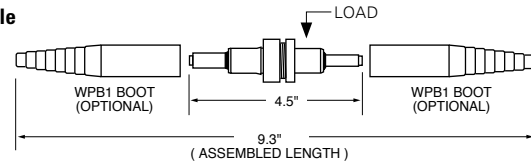
### Insulating Boots

- Molded from engineering-grade thermoplastics which provide high resistance to corrosive environments
- For watertight protection of non-breakaway Y-pole termination, order one WPB1 and one WPB3 boot
- Standard with all breakaway fuse holders

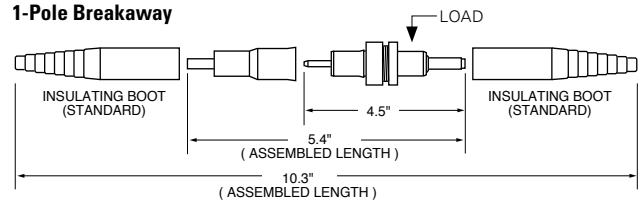
See TERMINAL SELECTION table for compatible boot selection.

### Dimensions Inches

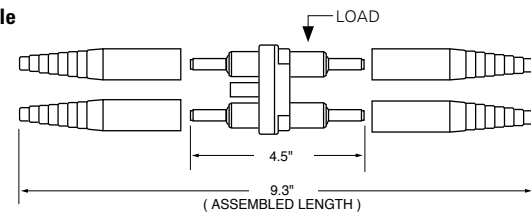
#### 1-Pole



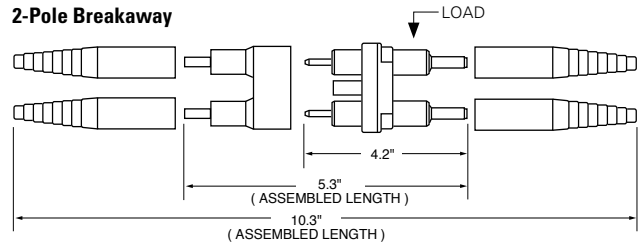
#### 1-Pole Breakaway



#### 2-Pole



#### 2-Pole Breakaway



For additional product information, contact Littelfuse Technical Support at 1-800-TEC-FUSE or [techline@littelfuse.com](mailto:techline@littelfuse.com).

# POWR-GARD® Blocks and Holders

## IN-LINE WATERTIGHT FUSE HOLDERS

### Ordering Information (10x38 mm Ferrule Fuse)

| SINGLE POLE     |                 |                 |                 | DOUBLE POLE     |                 |                 |                 | TERMINAL AND BOOT SELECTION |                  |                    |                  |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------------|------------------|--------------------|------------------|
| NON BREAKAWAY   |                 | BREAKAWAY       |                 | NON BREAKAWAY   |                 | BREAKAWAY       |                 |                             |                  |                    |                  |
| PRODUCT MARKING | ORDERING NUMBER | PRODUCT MARKING | ORDERING NUMBER | PRODUCT MARKING | ORDERING NUMBER | PRODUCT MARKING | ORDERING NUMBER | LOAD SIDE TERMINAL          | LOAD SIDE BOOT * | LINE SIDE TERMINAL | LINE SIDE BOOT * |
| LEBAK           | OLEB00AAXK      | LEBAASK         | OLEB0AASXK      | LEXAA           | OLEX00AAX       | LEXAAS          | OLEX0AASX       | A                           | WPB1             | A                  | WPB1             |
| LEBANK          | OLEB00ABXK      | LEBABS          | OLEB0ABSX       | LEXAB           | OLEX00ABX       | LEXABS          | OLEX0ABSX       | A                           | WPB1             | B                  | WPB1             |
| LEBAC           | OLEB00ACX       | —               | —               | LEXAC           | OLEX00ACX       | —               | —               | A                           | WPB1             | C                  | WPB1             |
| LEBAD           | OLEB00ADX       | —               | —               | LEXAD           | OLEX00ADX       | —               | —               | A                           | WPB1             | D                  | WPB1             |
| LEBAJ           | OLEB00AJX       | LEBAJS          | OLEB0AJSX       | —               | —               | —               | —               | A                           | WPB1             | J                  | WPB1             |
| LEBAYC          | OLEB0AYCX       | LEBAYCSK        | OLEBAYCSXK      | LEXAYC          | OLEX0AYCX       | LEXAYCS         | OLEXAYCSX       | A                           | WPB1             | Y                  | WPB3             |
| LEBBA           | OLEB00BAX       | LEBBAS          | OLEB0BASX       | LEXBA           | OLEX00BAX       | LEXBAS          | OLEX0BASX       | B                           | WPB1             | A                  | WPB1             |
| LEBBK           | OLEB00BBXK      | LEBBBS          | OLEB0BBSX       | LEXBB           | OLEX00BBX       | LEBBBS          | OLEX0BBSX       | B                           | WPB1             | B                  | WPB1             |
| LEBBC           | OLEB00BCX       | —               | —               | LEBXC           | OLEX00BCX       | —               | —               | B                           | WPB1             | C                  | WPB1             |
| LEBBD           | OLEB00BDX       | —               | —               | LEBXD           | OLEX00BDX       | —               | —               | B                           | WPB1             | D                  | WPB1             |
| LEBBJ           | OLEB00BJX       | LEBBJS          | OLEB0BJSX       | —               | —               | —               | —               | B                           | WPB1             | J                  | WPB1             |
| LEBBYC          | OLEB0BYCX       | LEBBYCS         | OLEBBYCSX       | LEBYC           | OLEX0BYCX       | LEBYCS          | OLEXBYCSX       | B                           | WPB1             | Y                  | WPB3             |
| LEBCA           | OLEB00CAX       | —               | —               | LEXCA           | OLEX00CAX       | —               | —               | C                           | WPB1             | A                  | WPB1             |
| LEBCB           | OLEB00CBX       | —               | —               | LEXC            | OLEX00CBX       | —               | —               | C                           | WPB1             | B                  | WPB1             |
| LEBCC           | OLEB00CCX       | —               | —               | LEXCC           | OLEX00CCX       | —               | —               | C                           | WPB1             | C                  | WPB1             |
| LEBCD           | OLEB00CDX       | —               | —               | LEXCD           | OLEX00CDX       | —               | —               | C                           | WPB1             | D                  | WPB1             |
| LEBCJ           | OLEB00CJX       | —               | —               | LEXCJ           | OLEX00CJX       | —               | —               | C                           | WPB1             | J                  | WPB1             |
| LEBCYC          | OLEB0CYCX       | —               | —               | LEXCYC          | OLEX0CYCX       | —               | —               | C                           | WPB1             | Y                  | WPB3             |
| LEBDA           | OLEB00DAX       | —               | —               | LEXDA           | OLEX00DAX       | —               | —               | D                           | WPB1             | A                  | WPB1             |
| LEBDB           | OLEB00DBX       | —               | —               | LEXDB           | OLEX00DBX       | —               | —               | D                           | WPB1             | B                  | WPB1             |
| LEBDC           | OLEB00DCX       | —               | —               | LEXDC           | OLEX00DCX       | —               | —               | D                           | WPB1             | C                  | WPB1             |
| LEBDD           | OLEB00DDX       | —               | —               | LEXDD           | OLEX00DDX       | —               | —               | D                           | WPB1             | D                  | WPB1             |
| LEBDJ           | OLEB00DJX       | —               | —               | LEXDJ           | OLEX00DJX       | —               | —               | D                           | WPB1             | J                  | WPB1             |
| LEBDYC          | OLEB0DYCX       | —               | —               | LEXDYC          | OLEX0DYCX       | —               | —               | D                           | WPB1             | Y                  | WPB3             |
| LEBJK           | OLEB00JJXK      | LEBJJSK         | OLEB0JJXSK      | LEXJJ           | OLEX00JJX       | LEXJJS          | OLEX0JJXJX      | J                           | WPB1             | J                  | WPB1             |
| LEBJYC          | OLEB0JYCX       | LEBJYCS         | OLEB0JYCSX      | —               | —               | —               | —               | J                           | WPB1             | Y                  | WPB3             |

\* Insulating boots come included with breakaway version

### Ordering Information (Class CC Fuse)

| SINGLE POLE     |                 |                 |                 | DOUBLE POLE     |                 |                 |                 | TERMINAL AND BOOT SELECTION |                  |                    |                  |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------------|------------------|--------------------|------------------|
| NON BREAKAWAY   |                 | BREAKAWAY       |                 | NON BREAKAWAY   |                 | BREAKAWAY       |                 |                             |                  |                    |                  |
| PRODUCT MARKING | ORDERING NUMBER | PRODUCT MARKING | ORDERING NUMBER | PRODUCT MARKING | ORDERING NUMBER | PRODUCT MARKING | ORDERING NUMBER | LOAD SIDE TERMINAL          | LOAD SIDE BOOT * | LINE SIDE TERMINAL | LINE SIDE BOOT * |
| LECAA           | OLEC00AAX       | LECAAS          | OLEC00AASX      | LEYAA           | OLEY00AAX       | LEYAAS          | OLEY00AASX      | A                           | WPB1             | A                  | WPB1             |
| LECAB           | OLEC00ABX       | LECABS          | OLEC00ABSX      | LEYAB           | OLEY00ABX       | LEYABS          | OLEY00ABSX      | A                           | WPB1             | B                  | WPB1             |
| LECAC           | OLEC00ACX       | —               | —               | LEYAC           | OLEY00ACX       | —               | —               | A                           | WPB1             | C                  | WPB1             |
| LECAD           | OLEC00ADX       | —               | —               | LEYAD           | OLEY00ADX       | —               | —               | A                           | WPB1             | D                  | WPB1             |
| LECAJ           | OLEC00AJX       | LECAJS          | OLEC00AJSX      | —               | —               | —               | —               | A                           | WPB1             | J                  | WPB1             |
| LECAYC          | OLEC00AYCX      | LECAYS          | OLEC00AYCSX     | LEYAYC          | OLEY00AYCX      | LEYAYCS         | OLEYAYCSX       | A                           | WPB1             | Y                  | WPB3             |
| LECBA           | OLEC00BAX       | LECBAS          | OLEC00BASX      | LEYBA           | OLEY00BAX       | LEYBAS          | OLEY00BASX      | B                           | WPB1             | A                  | WPB1             |
| LECBK           | OLEC00BBX       | LECBBS          | OLEC00BBSX      | LEYBB           | OLEY00BBX       | LEYBBS          | OLEY00BBSX      | B                           | WPB1             | B                  | WPB1             |
| LECBC           | OLEC00BCX       | —               | —               | LEYBC           | OLEY00BCX       | —               | —               | B                           | WPB1             | C                  | WPB1             |
| LECBD           | OLEC00BDX       | —               | —               | LEYBD           | OLEY00BDX       | —               | —               | B                           | WPB1             | D                  | WPB1             |
| LECBJ           | OLEC00BJX       | LECBJS          | OLEC00BJSX      | —               | —               | —               | —               | B                           | WPB1             | J                  | WPB1             |
| LECBYC          | OLEC00BYCX      | LECBYCS         | OLEC00BYCSX     | LEYBYC          | OLEY00BYCX      | LEYBYCS         | OLEYBYCSX       | B                           | WPB1             | Y                  | WPB3             |
| LECCA           | OLEC00CAX       | —               | —               | LEYCA           | OLEY00CAX       | —               | —               | C                           | WPB1             | A                  | WPB1             |
| LECCB           | OLEC00CBX       | —               | —               | LEYCB           | OLEY00CBX       | —               | —               | C                           | WPB1             | B                  | WPB1             |
| LECCC           | OLEC00CCX       | —               | —               | LEYCC           | OLEY00CCX       | —               | —               | C                           | WPB1             | C                  | WPB1             |
| LECCD           | OLEC00CDX       | —               | —               | LEYCD           | OLEY00CDX       | —               | —               | C                           | WPB1             | D                  | WPB1             |
| LECCJ           | OLEC00CJX       | —               | —               | LEYCJ           | OLEY00CJX       | —               | —               | C                           | WPB1             | J                  | WPB1             |
| LECCYC          | OLEC00CYCX      | —               | —               | LEYCYC          | OLEY00CYCX      | —               | —               | C                           | WPB1             | Y                  | WPB3             |
| LECDA           | OLEC00DAX       | —               | —               | LEYDA           | OLEY00DAX       | —               | —               | D                           | WPB1             | A                  | WPB1             |
| LECDB           | OLEC00DBX       | —               | —               | LEYDB           | OLEY00DBX       | —               | —               | D                           | WPB1             | B                  | WPB1             |
| LECDC           | OLEC00DCX       | —               | —               | LEYDC           | OLEY00DCX       | —               | —               | D                           | WPB1             | C                  | WPB1             |
| LE added        | OLEC00DDX       | —               | —               | LEYDD           | OLEY00DDX       | —               | —               | D                           | WPB1             | D                  | WPB1             |
| LE added        | OLEC00DJX       | —               | —               | LEYDJ           | OLEY00DJX       | —               | —               | D                           | WPB1             | J                  | WPB1             |
| LE added        | OLEC00DYCX      | —               | —               | LEYDYC          | OLEY00DYCX      | —               | —               | D                           | WPB1             | Y                  | WPB3             |
| LECJJ           | OLEC00JJX       | LECJJS          | OLEC00JJXSX     | LEYJJ           | OLEY00JJX       | LEYJJS          | OLEY00JJXSX     | J                           | WPB1             | J                  | WPB1             |
| LECJYC          | OLEC00JYCX      | LECJYCS         | OLEC00JYCSX     | —               | —               | —               | —               | J                           | WPB1             | Y                  | WPB3             |

\* Insulating boots come included with breakaway version

# POWR-GARD® Blocks and Holders

## IN-LINE WATERTIGHT FUSE HOLDERS

### Ordering Information (Solid Neutral LET Fuse Holder)

| SINGLE POLE     |                 |                 |                 | TERMINAL AND BOOT SELECTION |                  |                    |                  |
|-----------------|-----------------|-----------------|-----------------|-----------------------------|------------------|--------------------|------------------|
| NON BREAKAWAY   |                 | BREAKAWAY       |                 |                             |                  |                    |                  |
| PRODUCT MARKING | ORDERING NUMBER | PRODUCT MARKING | ORDERING NUMBER | LOAD SIDE TERMINAL          | LOAD SIDE BOOT * | LINE SIDE TERMINAL | LINE SIDE BOOT * |
| LETA            | OLETO0AAX       | LETAAS          | OLETOAASX       | A                           | WPB1             | A                  | WPB1             |
| LETAB           | OLETO0ABX       | LETABS          | OLETOABSX       | A                           | WPB1             | B                  | WPB1             |
| LETAYC          | OLETOAYCX       | LETAYCS         | OLETOAYCSX      | A                           | WPB1             | Y                  | WPB3             |
| LETBA           | OLETO0BAX       | LETBAS          | OLETOBASX       | B                           | WPB1             | A                  | WPB1             |
| LETBB           | OLETO0BBX       | LETBBS          | OLETOBBSX       | B                           | WPB1             | B                  | WPB1             |
| LETBYC          | OLETOBYCX       | LETBYCS         | OLETOBYCSX      | B                           | WPB1             | Y                  | WPB3             |
| LETJJ           | OLETO0JJX       | LETJJS          | OLETOJJSX       | J                           | WPB1             | J                  | WPB1             |
| LETJYC          | OLETOJYCX       | LETJYCS         | OLETOJYCSX      | J                           | WPB1             | Y                  | WPB3             |

\* Insulating boots come included with breakaway version

### Terminal Selection

| TERMINAL DESIGNATION | TERMINAL DESCRIPTION       | WIRES PER TERMINAL | WIRE RANGE (CU ONLY) | SOLID WIRE | STRANDED WIRE | RECOMMENDED CRIMP TOOL |              |
|----------------------|----------------------------|--------------------|----------------------|------------|---------------|------------------------|--------------|
|                      |                            |                    |                      |            |               | T&B                    | BURNDY       |
| A                    | Copper Crimp               | 1                  | #12-#8               | •          | •             | WT161M                 | —            |
|                      |                            | 2                  | #12                  | •          | •             |                        |              |
| B                    | Copper Crimp               | 2                  | #10                  | •          | •             | WT161M                 | MR4C         |
|                      |                            | 1                  | #6                   | •          | •             |                        |              |
|                      |                            | 1                  | #4                   | —          | •             |                        |              |
| C                    | Copper Crimp               | 2                  | #8                   | •          | •             | M5-GREY                | Hypress Y34A |
|                      |                            | 1                  | #4                   | —          | •             |                        |              |
| D                    | Copper Crimp               | 2                  | #6                   | •          | •             | M5-BROWN               | Hypress Y34A |
|                      |                            | 1                  | #2                   | —          | •             |                        |              |
| J                    | Copper Set-Screw           | 1                  | #12-#8               | •          | —             | —                      | —            |
|                      |                            | 1                  | #10-#2               | —          | •             |                        |              |
| Y (2 terminals)      | "Y" Style Copper Set-Screw | 1                  | #12-#8               | •          | —             | —                      | —            |
|                      |                            | 1                  | #10-#2               | —          | •             |                        |              |

**Disclaimer Notice** – Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at [www.littelfuse.com/product-disclaimer](http://www.littelfuse.com/product-disclaimer).

# POWR-GARD® Blocks and Holders

## IN-LINE WATERTIGHT FUSE HOLDERS

### Two-Pole Breakaway Holder



### Description

Littelfuse LEXT-YY-S and LEX-YYC-S series breakaway fuse holders meet state and federal highway commission safety standards requiring fuse holders to readily disconnect from power in case of a pole knockdown.

The breakaway feature consists of a receptacle permanently attached to the power line and a fuse holder with matching terminals. If a knockdown occurs, the parts separate, leaving the energized conductor recessed and unexposed.

### Features/Benefits

- LEXT-YY version has a permanently installed “neutral” slug to prevent the neutral from accidentally being fused
- LEX-YYC version allows for fusing of line-to-line loads or other applications requiring two fuses to disconnect under strain
- Fiberglass polymer body resists damage from impact
- Four “Y” type set-screw terminals accommodate a wide range of solid and stranded Cu or Al conductors
- O-ring and terminal boots form watertight seal, preventing leakage

### Specifications

|                            |                                                              |
|----------------------------|--------------------------------------------------------------|
| <b>Part numbers</b>        | LEXT-YY-S (Solid neutral)<br>LEX-YYC-S                       |
| <b>Voltage Rating</b>      | 600 V ac/V dc                                                |
| <b>Ampere Rating</b>       | 30 A                                                         |
| <b>Interrupting Rating</b> | 200 kA with Class CC Fuses                                   |
| <b>Y Terminals</b>         | Tin Plated Copper w/ set screws                              |
| <b>Wire Size</b>           | 1 solid #12 to #8 or<br>1 stranded #10 to #2                 |
| <b>Approvals</b>           | UL Recognized (File: E14721)<br>CSA Certified (File: LR7316) |

### Applications

- Street lighting
- Marinas
- Travel trailer parks
- Physically strained fuse holders applications

### Web Resources

Additional technical information:  
**[Littelfuse.com/In-Line](http://Littelfuse.com/In-Line)**

### Ordering Information

| ORDERING<br>NUMBER |           | FUSE<br>TYPE       | LOAD TERMINAL SELECTION         |                    |                       |               |                  | LINE TERMINAL SELECTION         |                    |                       |               |                  |
|--------------------|-----------|--------------------|---------------------------------|--------------------|-----------------------|---------------|------------------|---------------------------------|--------------------|-----------------------|---------------|------------------|
|                    |           |                    | TERMINAL<br>TYPE                | WIRE SIZE<br>RANGE | WIRES PER<br>TERMINAL | SOLID<br>WIRE | STANDARD<br>WIRE | TERMINAL<br>TYPE                | WIRE SIZE<br>RANGE | WIRES PER<br>TERMINAL | SOLID<br>WIRE | STANDARD<br>WIRE |
| LEXTYYS            | LEXT0YYSX | Midget<br>Class CC | “Y” type<br>Copper<br>Set-Screw | #12 to #8          | 1                     | •             | —                | “Y” type<br>Copper<br>Set-Screw | #12 to #8          | 1                     | •             | —                |
|                    |           |                    |                                 | #10 to #2          | 1                     | —             | •                |                                 | #10 to #2          | 1                     | —             | •                |
| LEXYYS             | OLEXYYSX  | Midget<br>Class CC | “Y” type<br>Copper<br>Set-Screw | #12 to #8          | 1                     | •             | —                | “Y” type<br>Copper<br>Set-Screw | #12 to #8          | 1                     | •             | —                |
|                    |           |                    |                                 | #10 to #2          | 1                     | —             | •                |                                 | #10 to #2          | 1                     | —             | •                |

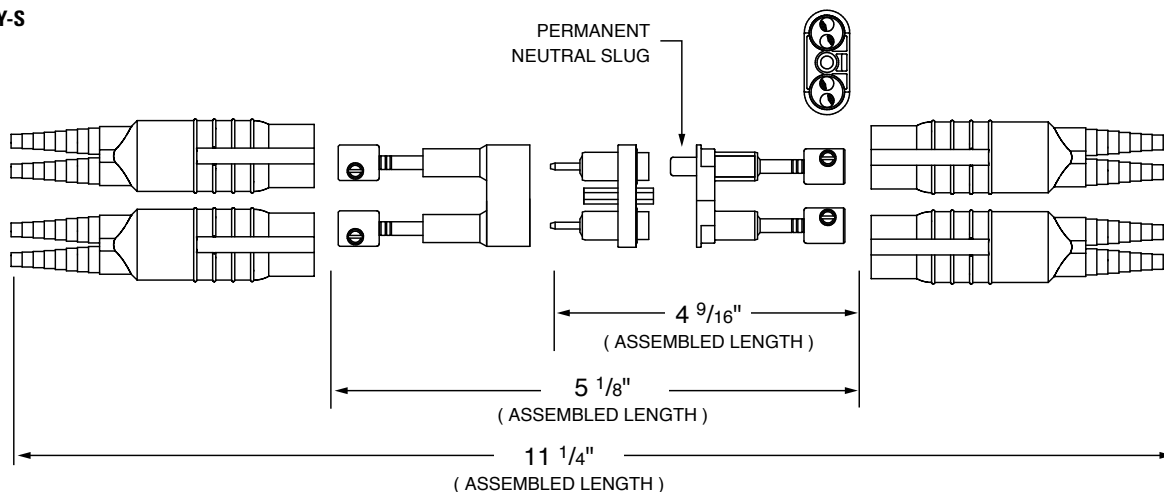
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## IN-LINE WATERTIGHT FUSE HOLDERS

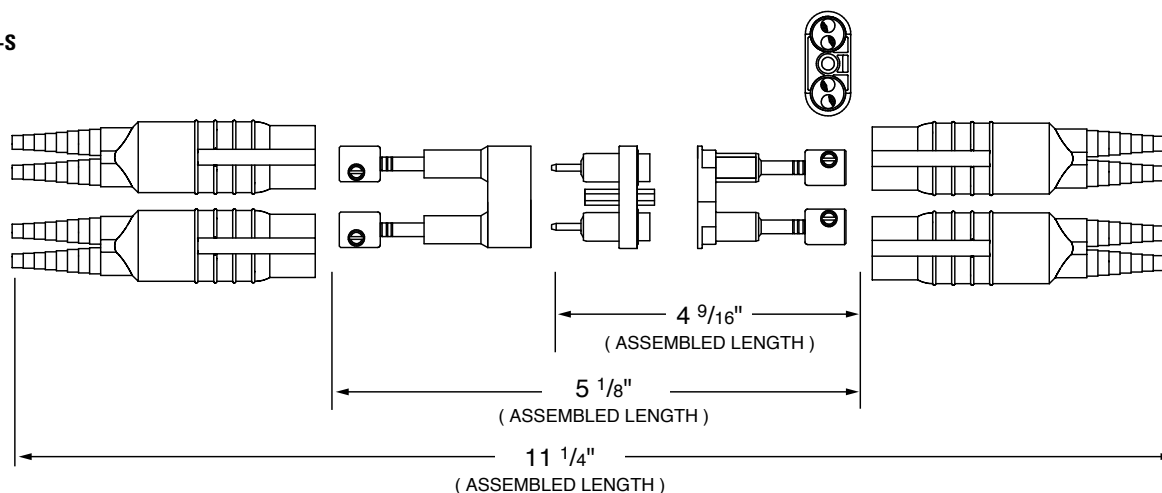
### Two-Pole Breakaway Holder

#### Dimensions Inches

##### LEXT-YY-S



##### LEX-YY-C-S



#### Recommended Fuses

Class CC Series: CCMR, KLDR, KLKR

Midget Series: BLF, BLN, FLM, FLQ, CLK, CLKD

Four WPB3 insulating boots come standard with the LEXT-YY-S and LEX-YY-C-S fuse holders. Molded from non-conductive engineering grade thermoplastic to deliver a watertight seal in corrosive environments, they can be trimmed to the specific conductor size insuring a snug fit.

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