

SLK™ Disconnect Fuse Kits



- **Waterproof breakaway fuseholder for use in:**
 - Roadway & street lighting
 - Parking lot & area lighting
 - Free-standing electric vehicle charging stations
- **UL Listed for submersible installations**
- **Bright orange color for ease of visibility**
- **Large selection of configurations**
- **Wide wire range**
- **Set screw or crimp terminations available**

SLK™
DISCONNECT FUSE KIT





SLK™ Disconnect Fuse Kits

The IDEAL SLK™ Disconnect Fuse Kit is a waterproof breakaway safety device that de-energizes roadway lights, streetlights, parking lot lights, and other freestanding electrical fixtures in the event of a knockdown, or when the fixtures need maintenance. This helps protect first responders, bystanders, and service personnel from potentially life-threatening electrical shock hazards.



IDEAL worked directly with roadway installation electricians, DOT maintenance crews, and specifying engineers to find out what features would really make a difference. The result is an entirely new product that not only performs better but is easier to install and more robust than any other disconnect fuse kit on the market today.



Features & Benefits



The SLK™ is the first Disconnect Fuse Kit listed to UL's ECIS category for special purpose connectors. This new category contains a set of rigorous tests from a host of UL standards, including UL 486D, the standard for submersibility. This means that the SLK™ will stand up to the wet conditions often seen in and around pole bases, junction boxes and hand holes.

In addition, the bright orange color of the SLK™ makes product easy to locate in dark junction boxes, hand holes or in a nighttime knockdown situation, when the connector is often buried amongst dirt, mud and debris.

- Accepts 13/32" x 1-1/2" midget-style fuse
- Wire Range: 2-14 AWG (Cu & Al rated)
- Ratings: 30A, 600V, 105°C

Neutral configurations come with white fuseholder and dummy fuse

Paired (hot/neutral) configurations are keyed to prevent reverse polarities

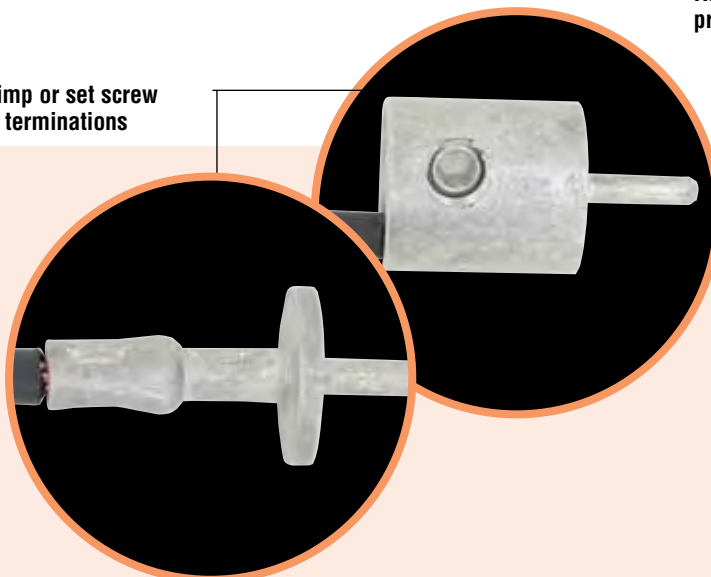
Crimp or set screw terminations

High-visibility orange material (UL 94V-2 flame rated)

Fuse stays on de-energized load side when separated

Ribbed boots provide superior grip

Large, clear markings

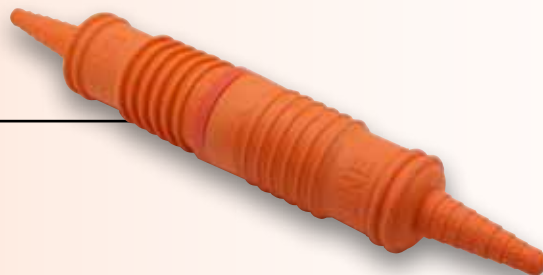


SLK™ Disconnect Fuse Kits

Example Configurations

In-Line Fused (Hot)

One wire line, one wire load



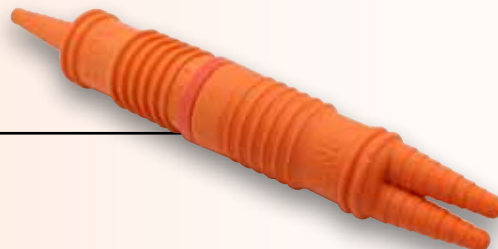
In-Line Non-Fused (Neutral)

One wire line, one wire load



Y-Tap Fused (Hot)

Two wire line, one wire load



Y-Tap Non-Fused (Neutral)

Two wire line, one wire load



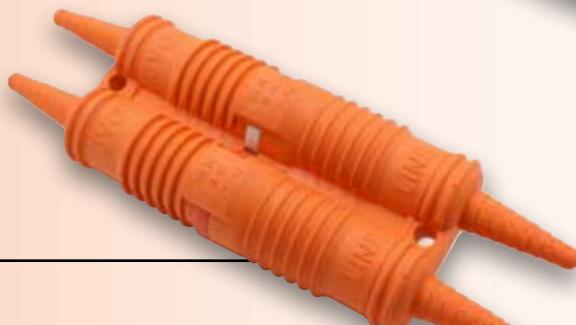
Dual In-Line Fused (Both Hot)

One wire line, one wire load



Paired In-Line Fused (One Hot, One Neutral)

One wire line, one wire load





SLK™ Disconnect Fuse Kits

ORDERING INFORMATION

To Determine which Kit to Use:

1. Select the base part number, based on crimp termination (TABLE 1) or set screw termination (TABLE 2), number of wires on line/load side, and wire size.
2. If necessary, modify the base part number according to neutral, dual, paired, or tap (i.e., non-breakaway) configurations. Use TABLE 3 for crimp variations and TABLE 4 for set screw variations.
3. For examples, see the bottom of this page.

Note: For fuseholder-only or combination (set screw line side, crimp load side) applications, please see the bottom of the table on the next page.

Table 1: Crimp Base Part numbers

		Load													
		1 Wire							2 Wire						
		2 AWG	4 AWG	6 AWG	8 AWG	10 AWG	12 AWG	14 AWG	2 AWG	4 AWG	6 AWG	8 AWG	10 AWG	12 AWG	14 AWG
Line	1 Wire	2 AWG	30-C1212	30-C1212	30-C1216	30-C1216	30-C1216	30-C1216			30-C1222	30-C1222	30-C1226	30-C1226	30-C1226
		4 AWG		30-C1212	30-C1216	30-C1216	30-C1216	30-C1216			30-C1222	30-C1222	30-C1226	30-C1226	30-C1226
		6 AWG			30-C1616	30-C1616	30-C1616	30-C1616			30-C1622	30-C1622	30-C1626	30-C1626	30-C1626
		8 AWG				30-C1616	30-C1616	30-C1616				30-C1622	30-C1626	30-C1626	30-C1626
		10 AWG					30-C1616	30-C1616					30-C1626	30-C1626	30-C1626
		12 AWG						30-C1616						30-C1626	30-C1626
		14 AWG							30-C1616						30-C1626
	2 Wire	2 AWG	30-C2012	30-C2012	30-C2016	30-C2016	30-C2016	30-C2016			30-C2022	30-C2022	30-C2026	30-C2026	30-C2026
		4 AWG		30-C2012	30-C2016	30-C2016	30-C2016	30-C2016			30-C2022	30-C2022	30-C2026	30-C2026	30-C2026
		6 AWG			30-C2216	30-C2216	30-C2216	30-C2216			30-C2222	30-C2222	30-C2226	30-C2226	30-C2226
		8 AWG				30-C2216	30-C2216	30-C2216				30-C2222	30-C2226	30-C2226	30-C2226
		10 AWG					30-C2616	30-C2616					30-C2626	30-C2626	30-C2626
		12 AWG						30-C2616						30-C2626	30-C2626
		14 AWG							30-C2616						30-C2626

Table 2: Set Screw Base Part numbers

		Load													
		1 Wire							2 Wire						
		2 AWG	4 AWG	6 AWG	8 AWG	10 AWG	12 AWG	14 AWG	2 AWG	4 AWG	6 AWG	8 AWG	10 AWG	12 AWG	14 AWG
Line	1 Wire	2 AWG	30-S1212	30-S1212	30-S1212	30-S1212	30-S1212	30-S1212	30-S1222	30-S1222	30-S1222	30-S1222	30-S1222	30-S1222	30-S1222
		4 AWG		30-S1212	30-S1212	30-S1212	30-S1212	30-S1212		30-S1222	30-S1222	30-S1222	30-S1222	30-S1222	30-S1222
		6 AWG			30-S1212	30-S1212	30-S1212	30-S1212			30-S1222	30-S1222	30-S1222	30-S1222	30-S1222
		8 AWG				30-S1212	30-S1212	30-S1212				30-S1222	30-S1222	30-S1222	30-S1222
		10 AWG					30-S1212	30-S1212					30-S1222	30-S1222	30-S1222
		12 AWG						30-S1212						30-S1222	30-S1222
		14 AWG							30-S1212						30-S1222
	2 Wire	2 AWG	30-S2212	30-S2212	30-S2212	30-S2212	30-S2212	30-S2212	30-S2222	30-S2222	30-S2222	30-S2222	30-S2222	30-S2222	30-S2222
		4 AWG		30-S2212	30-S2212	30-S2212	30-S2212	30-S2212		30-S2222	30-S2222	30-S2222	30-S2222	30-S2222	30-S2222
		6 AWG			30-S2212	30-S2212	30-S2212	30-S2212			30-S2222	30-S2222	30-S2222	30-S2222	30-S2222
		8 AWG				30-S2212	30-S2212	30-S2212				30-S2222	30-S2222	30-S2222	30-S2222
		10 AWG					30-S2212	30-S2212					30-S2222	30-S2222	30-S2222
		12 AWG						30-S2212						30-S2222	30-S2222
		14 AWG							30-S2212						30-S2222

Table 3: Crimp Variations

Base Part Number (Hot)	Variation (If applicable)			
	Neutral	Dual	Paired	Non-Breakaway
30-C1212	30-C1212N	30-C1212D	30-C1212P	
30-C1216	30-C1216N	30-C1216D	30-C1216P	
30-C1616	30-C1616N	30-C1616D	30-C1616P	
30-C1222	30-C1222N			
30-C1226	30-C1226N			
30-C1622	30-C1622N			
30-C1626	30-C1626N			
30-C2012	30-C2012N			30-C2012T
30-C2016	30-C2016N			30-C2016T
30-C2216	30-C2216N			30-C2216T
30-C2616	30-C2616N			30-C2616T
30-C2022	30-C2022N	30-C2022D	30-C2022P	
30-C2026	30-C2026N	30-C2026D	30-C2026P	
30-C2222	30-C2222N	30-C2222D	30-C2222P	
30-C2226	30-C2226N	30-C2226D	30-C2226P	
30-C2626	30-C2626N	30-C2626D	30-C2626P	

Note: For combination 2 wire line (2-14 AWG Set Screw) and 1 wire load (6-14 AWG Crimp), use 30-B2216.

Table 4: Set Screw Variations

Base Part Number	Variation (If applicable)			
	Neutral	Dual	Paired	Non-Breakaway
30-S1212	30-S1212N	30-S1212D	30-S1212P	
30-S1222	30-S1222N			
30-S2212	30-S2212N			30-S2212T
30-S2222	30-S2222N	30-S2222D	30-S2222P	

Examples:

1. An in-line fused breakaway kit with crimp terminations, one 10 AWG wire on the line side and one 10 AWG wire on the load side is ordered as a 30-C1616.
2. An in-line non-fused (i.e., neutral) breakaway kit with set screw terminations, one 6 AWG wire on the line side and one 10 AWG wire on the load side is ordered as a 30-S1212N.
3. A Y-tap fused breakaway kit with crimp terminations, two 6 AWG wires on the line side and one 10 AWG wire on the load side is ordered as a 30-C2216.
4. A Dual in-line breakaway (hot/hot ganged together) with crimp terminations, one 10 AWG wire on each line side and one 10 AWG wire on each load side is ordered as a 30-C1616D.
5. A Paired in-line breakaway (hot/neutral ganged together) with set screw terminations, one 6 AWG wire on each line side and one 10 AWG wire on each load side is ordered as a 30-S1212D.

Available Part Numbers

Catalog Number	Description
30-S1212	In-Line Breakaway, set screw; fused; 1 wire line side, 2-14 AWG; 1 wire load side, 2-14 AWG
30-S1222	In-Line Breakaway, set screw; fused; 1 wire line side, 2-14 AWG; 2 wire load side, 2-14 AWG
30-S1212N	In-Line Breakaway, set screw; non-fused; 1 wire line side, 2-14 AWG; 1 wire load side, 2-14 AWG
30-S1222N	In-Line Breakaway, set screw; non-fused; 1 wire line side, 2-14 AWG; 2 wire load side, 2-14 AWG
30-C1212	In-Line Breakaway, crimp; fused; 1 wire line side, 2-4 AWG; 1 wire load side, 2-4 AWG
30-C1216	In-Line Breakaway, crimp; fused; 1 wire line side, 2-4 AWG; 1 wire load side, 6-14 AWG
30-C1616	In-Line Breakaway, crimp; fused; 1 wire line side, 6-14 AWG; 1 wire load side, 6-14 AWG
30-C1222	In-Line Breakaway, crimp; fused; 1 wire line side, 2-4 AWG; 2 wire load side, 6-8 AWG
30-C1226	In-Line Breakaway, crimp; fused; 1 wire line side, 2-4 AWG; 2 wire load side, 10-14 AWG
30-C1622	In-Line Breakaway, crimp; fused; 1 wire line side, 6-14 AWG; 2 wire load side, 6-8 AWG
30-C1626	In-Line Breakaway, crimp; fused; 1 wire line side, 6-14 AWG; 2 wire load side, 10-14 AWG
30-C1212N	In-Line Breakaway, crimp; non-fused; 1 wire line side, 2-4 AWG; 1 wire load side, 2-4 AWG
30-C1216N	In-Line Breakaway, crimp; non-fused; 1 wire line side, 2-4 AWG; 1 wire load side, 6-14 AWG
30-C1616N	In-Line Breakaway, crimp; non-fused; 1 wire line side, 6-14 AWG; 1 wire load side, 6-14 AWG
30-C1222N	In-Line Breakaway, crimp; non-fused; 1 wire line side, 2-4 AWG; 2 wire load side, 6-8 AWG
30-C1226N	In-Line Breakaway, crimp; non-fused; 1 wire line side, 2-4 AWG; 2 wire load side, 10-14 AWG
30-C1622N	In-Line Breakaway, crimp; non-fused; 1 wire line side, 6-14 AWG; 2 wire load side, 6-8 AWG
30-C1626N	In-Line Breakaway, crimp; non-fused; 1 wire line side, 6-14 AWG; 2 wire load side, 10-14 AWG
30-S2212	Y-Tap Breakaway, set screw; fused; 2 wire line side, 2-14 AWG; 1 wire load side, 2-14 AWG
30-S2222	Y-Tap Breakaway, set screw; fused; 2 wire line side, 2-14 AWG; 2 wire load side, 2-14 AWG
30-S2212N	Y-Tap Breakaway, set screw; non-fused; 2 wire line side, 2-14 AWG; 1 wire load side, 2-14 AWG
30-S2222N	Y-Tap Breakaway, set screw; non-fused; 2 wire line side, 2-14 AWG; 2 wire load side, 2-14 AWG
30-C2012	Y-Tap Breakaway, crimp; fused; 2 wire line side, 2-4 AWG; 1 wire load side, 2-4 AWG
30-C2016	Y-Tap Breakaway, crimp; fused; 2 wire line side, 2-4 AWG; 1 wire load side, 6-14 AWG
30-C2216	Y-Tap Breakaway, crimp; fused; 2 wire line side, 6-8 AWG; 1 wire load side, 6-14 AWG
30-C2616	Y-Tap Breakaway, crimp; fused; 2 wire line side, 10-14 AWG; 1 wire load side, 6-14 AWG
30-C2022	Y-Tap Breakaway, crimp; fused; 2 wire line side, 2-4 AWG; 2 wire load side, 6-8 AWG
30-C2026	Y-Tap Breakaway, crimp; fused; 2 wire line side, 2-4 AWG; 2 wire load side, 10-14 AWG
30-C2222	Y-Tap Breakaway, crimp; fused; 2 wire line side, 6-8 AWG; 2 wire load side, 6-8 AWG
30-C2226	Y-Tap Breakaway, crimp; fused; 2 wire line side, 6-8 AWG; 2 wire load side, 10-14 AWG
30-C2626	Y-Tap Breakaway, crimp; fused; 2 wire line side, 10-14 AWG; 2 wire load side, 10-14 AWG
30-C2012N	Y-Tap Breakaway, crimp; non-fused; 2 wire line side, 2-4 AWG; 1 wire load side, 2-4 AWG
30-C2016N	Y-Tap Breakaway, crimp; non-fused; 2 wire line side, 2-4 AWG; 1 wire load side, 6-14 AWG
30-C2216N	Y-Tap Breakaway, crimp; non-fused; 2 wire line side, 6-8 AWG; 1 wire load side, 6-14 AWG
30-C2616N	Y-Tap Breakaway, crimp; non-fused; 2 wire line side, 10-14 AWG; 1 wire load side, 6-14 AWG
30-C2022N	Y-Tap Breakaway, crimp; non-fused; 2 wire line side, 2-4 AWG; 2 wire load side, 6-8 AWG
30-C2026N	Y-Tap Breakaway, crimp; non-fused; 2 wire line side, 2-4 AWG; 2 wire load side, 10-14 AWG
30-C2222N	Y-Tap Breakaway, crimp; non-fused; 2 wire line side, 6-8 AWG; 2 wire load side, 6-8 AWG
30-C2226N	Y-Tap Breakaway, crimp; non-fused; 2 wire line side, 6-8 AWG; 2 wire load side, 10-14 AWG
30-C2626N	Y-Tap Breakaway, crimp; non-fused; 2 wire line side, 10-14 AWG; 2 wire load side, 10-14 AWG
30-S2212T	Y-Tap Non-Breakaway, set screw; fused; 2 wire line side, 2-14 AWG; 1 wire load side, 2-14 AWG
30-C2012T	Y-Tap Non-Breakaway, crimp; fused; 2 wire line side, 2-4 AWG; 1 wire load side, 2-4 AWG
30-C2016T	Y-Tap Non-Breakaway, crimp; fused; 2 wire line side, 2-4 AWG; 1 wire load side, 6-14 AWG
30-C2216T	Y-Tap Non-Breakaway, crimp; fused; 2 wire line side, 6-8 AWG; 1 wire load side, 6-14 AWG
30-C2616T	Y-Tap Non-Breakaway, crimp; fused; 2 wire line side, 10-14 AWG; 1 wire load side, 6-14 AWG
30-S1212D	Dual In-Line Breakaway, set screw; fused; 1 wire line side, 2-14 AWG; 1 wire load side, 2-14 AWG
30-C1212D	Dual In-Line Breakaway, crimp; fused; 1 wire line side, 2-4 AWG; 1 wire load side, 2-4 AWG
30-C1216D	Dual In-Line Breakaway, crimp; fused; 1 wire line side, 2-4 AWG; 1 wire load side, 6-14 AWG
30-C1616D	Dual In-Line Breakaway, crimp; fused; 1 wire line side, 6-14 AWG; 1 wire load side, 6-14 AWG
30-S2222D	Dual Y-Tap Breakaway, set screw; fused; 2 wire line side, 2-14 AWG; 2 wire load side, 2-14 AWG
30-C2022D	Dual Y-Tap Breakaway, crimp; fused; 2 wire line side, 2-4 AWG; 2 wire load side, 6-8 AWG
30-C2026D	Dual Y-Tap Breakaway, crimp; fused; 2 wire line side, 2-4 AWG; 2 wire load side, 10-14 AWG
30-C2222D	Dual Y-Tap Breakaway, crimp; fused; 2 wire line side, 6-8 AWG; 2 wire load side, 6-8 AWG
30-C2226D	Dual Y-Tap Breakaway, crimp; fused; 2 wire line side, 6-8 AWG; 2 wire load side, 10-14 AWG
30-C2626D	Dual Y-Tap Breakaway, crimp; fused; 2 wire line side, 10-14 AWG; 2 wire load side, 10-14 AWG
30-S1212P	Paired In-Line Breakaway, set screw; one fused, one non-fused; 1 wire line side, 2-14 AWG; 1 wire load side, 2-14 AWG
30-C1212P	Paired In-Line Breakaway, crimp; one fused, one non-fused; 1 wire line side, 2-4 AWG; 1 wire load side, 2-4 AWG
30-C1216P	Paired In-Line Breakaway, crimp; one fused, one non-fused; 1 wire line side, 2-4 AWG; 1 wire load side, 6-14 AWG
30-C1616P	Paired In-Line Breakaway, crimp; one fused, one non-fused; 1 wire line side, 6-14 AWG; 1 wire load side, 6-14 AWG
30-S2222P	Paired Y-Tap Breakaway, set screw; one fused, one non-fused; 2 wire line side, 2-14 AWG; 2 wire load side, 2-14 AWG
30-C2022P	Paired Y-Tap Breakaway, crimp; one fused, one non-fused; 2 wire line side, 2-4 AWG; 2 wire load side, 6-8 AWG
30-C2026P	Paired Y-Tap Breakaway, crimp; one fused, one non-fused; 2 wire line side, 2-4 AWG; 2 wire load side, 10-14 AWG
30-C2222P	Paired Y-Tap Breakaway, crimp; one fused, one non-fused; 2 wire line side, 6-8 AWG; 2 wire load side, 6-8 AWG
30-C2226P	Paired Y-Tap Breakaway, crimp; one fused, one non-fused; 2 wire line side, 6-8 AWG; 2 wire load side, 10-14 AWG
30-C2626P	Paired Y-Tap Breakaway, crimp; one fused, one non-fused; 2 wire line side, 10-14 AWG; 2 wire load side, 10-14 AWG
30-HS2	Fuseholder only, non-breakaway, set screw; fused; 1 wire line side, 2-14 AWG; 1 wire load side, 2-14 AWG
30-HC2	Fuseholder only, non-breakaway, crimp; fused; 1 wire line side, 2-4 AWG; 1 wire load side, 6-14 AWG
30-HC6	Fuseholder only, non-breakaway, crimp; fused; 1 wire line side, 6-14 AWG; 1 wire load side, 6-14 AWG
30-B2216	Combination Y-Tap Breakaway, fused; 2 wire line side, set screw, 2-14 AWG; 1 wire load side, crimp, 6-14 AWG