

STREET LIGHT KITS

SLK® Disconnect Fuse Kits

- Breakaway fuseholder for use in:
 - Roadway & street lighting
 - Parking lot & area lighting
- Listed for submersible installations per UL486D, not intended for continuous submersion
- Bright orange color for ease of visibility
- Large selection of configurations
- Set screw or crimp terminations available

The IDEAL® SLK® Disconnect Fuse Kit is a water-resistant 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.

The SLK® is the first Disconnect Fuse Kit listed to UL's ECIS category for special purpose connectors. This 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, not included for continuous submersion.

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

- Accepts 13/32 in. x 1-1/2 in. midget-style fuse (Note: Fuse not included)
- Wire Range: 2-14 AWG (Cu & Al rated)
- Ratings: 30A, 600V, 105°C
- Maximum available short circuit current of 10,000



Neutral configurations come with white fuseholder and dummy fuse



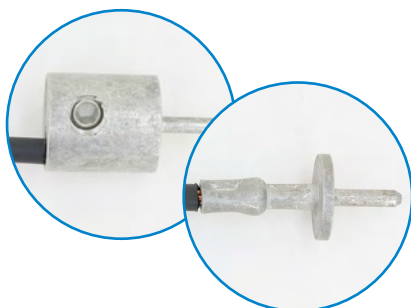
Paired (hot/neutral) configurations are keyed to prevent reverse polarities

High visibility orange material (UL94V-2 flame rated)

Ribbed boots provide superior grip

Fuse stays on de-energized load side when separated

Crimp or set screw terminations



Large, clear markings



SLK® 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 3), 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 2 for crimp variations and TABLE 4 for set screw variations.
3. See right for examples.

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.

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-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

Note: Crimp connections on larger gauge wire (2 #8, 2 #6, 1 #8, 1 #6 or 1 #4) require IDEAL #88-843 Mechanical Indentor and Crimp Tool. Crimps connections for #14 - #10 AWG with 1/2 in. strip length.

Table 2: Crimp Variations (14-10 AWG with 1/2 in. strip length, use 30-425 and 30-429)

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

Base Part Number (Hot)	Variation (If applicable)			
	Neutral	Dual	Paired	Non-Breakaway
30-C2016	30-C2016N			30-C2016T
30-C2216	30-C2216N			30-C2216T
30-C2616	30-C2616N			30-C2616T
30-C2022	30-C2022N			
30-C2026	30-C2026N			
30-C2222	30-C2222N			
30-C2226	30-C2226N			
30-C2626	30-C2626N			

Table 3: 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 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	

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

In-Line Fused



Description	1 Line Side	1 Load Side	Part No.
In-Line Breakaway, set screw; fused (Hot)	2-14 AWG	2-14 AWG	30-S1212
In-Line Breakaway, crimp; fused (Hot)	2-4 AWG	2-4 AWG	30-C1212
In-Line Breakaway, crimp; fused (Hot)	2-4 AWG	6-14 AWG	30-C1216
In-Line Breakaway, crimp; fused (Hot)	6-14 AWG	6-14 AWG	30-C1616

In-Line Non-Fused

Description	1 Line Side	1 Load Side	Part No.
In-Line Breakaway, set screw; non-fused (Neutral)	2-14 AWG	2-14 AWG	30-S1212N
In-Line Breakaway, crimp; non-fused (Neutral)	2-4 AWG	2-4 AWG	30-C1212N
In-Line Breakaway, crimp; non-fused (Neutral)	2-4 AWG	6-14 AWG	30-C1216N
In-Line Breakaway, crimp; non-fused (Neutral)	6-14 AWG	6-14 AWG	30-C1616N

Y-Tap Fused



Description	2 Line Side	1 Load Side	Part No.
Y-Tap Breakaway, set screw; fused (Hot)	2-14 AWG	2-14 AWG	30-S2212
Y-Tap Breakaway, crimp; fused (Hot)	2-4 AWG	2-4 AWG	30-C2012
Y-Tap Breakaway, crimp; fused (Hot)	2-4 AWG	6-14 AWG	30-C2016
Y-Tap Breakaway, crimp; fused (Hot)	6-8 AWG	6-14 AWG	30-C2216
Y-Tap Breakaway, crimp; fused (Hot)	10-14 AWG	6-14 AWG	30-C2616
Combination Y-Tap Breakaway, fused (Hot)	2-14 AWG set screw	6-14 AWG crimp	30-B2216

Y-Tap Non-Fused



Description	2 Line Side	1 Load Side	Part No.
Y-Tap Breakaway, set screw; non-fused (Neutral)	2-14 AWG	2-14 AWG	30-S2212N
Y-Tap Breakaway, crimp; non-fused (Neutral)	2-4 AWG	2-4 AWG	30-C2012N
Y-Tap Breakaway, crimp; non-fused (Neutral)	2-4 AWG	6-14 AWG	30-C2016N
Y-Tap Breakaway, crimp; non-fused (Neutral)	6-8 AWG	6-14 AWG	30-C2216N
Y-Tap Breakaway, crimp; non-fused (Neutral)	10-14 AWG	6-14 AWG	30-C2616N

Non-Breakaway Fused



Description	2 Line Side	1 Load Side	Part No.
Y-Tap Non-Breakaway, set screw; fused (Hot)	2-14 AWG	2-14 AWG	30-S2212T
Y-Tap Non-Breakaway, crimp; fused (Hot)	2-4 AWG	2-4 AWG	30-C2012T
Y-Tap Non-Breakaway, crimp; fused (Hot)	2-4 AWG	6-14 AWG	30-C2016T
Y-Tap Non-Breakaway, crimp; fused (Hot)	6-8 AWG	6-14 AWG	30-C2216T
Y-Tap Non-Breakaway, crimp; fused (Hot)	10-14 AWG	6-14 AWG	30-C2616T

Dual In-Line Fused



Description	1 Line Side	1 Load Side	Part No.
Dual In-Line Breakaway, set screw; fused (both Hot)	2-14 AWG	2-14 AWG	30-S1212D
Dual In-Line Breakaway, crimp; fused (both Hot)	2-4 AWG	2-4 AWG	30-C1212D
Dual In-Line Breakaway, crimp; fused (both Hot)	2-4 AWG	6-14 AWG	30-C1216D
Dual In-Line Breakaway, crimp; fused (both Hot)	6-14 AWG	6-14 AWG	30-C1616D

Single-Pole In-Line Paired

Description	1 Line Side	1 Load Side	Part No.
Paired In-Line Breakaway, set screw; one fused (Hot); one non-fused (Neutral)	2-14 AWG	2-14 AWG	30-S1212P
Paired In-Line Breakaway, crimp; one fused (Hot); one non-fused (Neutral)	2-4 AWG	2-4 AWG	30-C1212P
Paired In-Line Breakaway, crimp; one fused (Hot); one non-fused (Neutral)	6-14 AWG	6-14 AWG	30-C1216P
Paired In-Line Breakaway, crimp; one fused (Hot); one non-fused (Neutral)	6-14 AWG	6-14 AWG	30-C1616P



SLK accepts solid or stranded and copper or aluminum conductors.