

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.



**Scan QR Code for
Demo Video!**

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

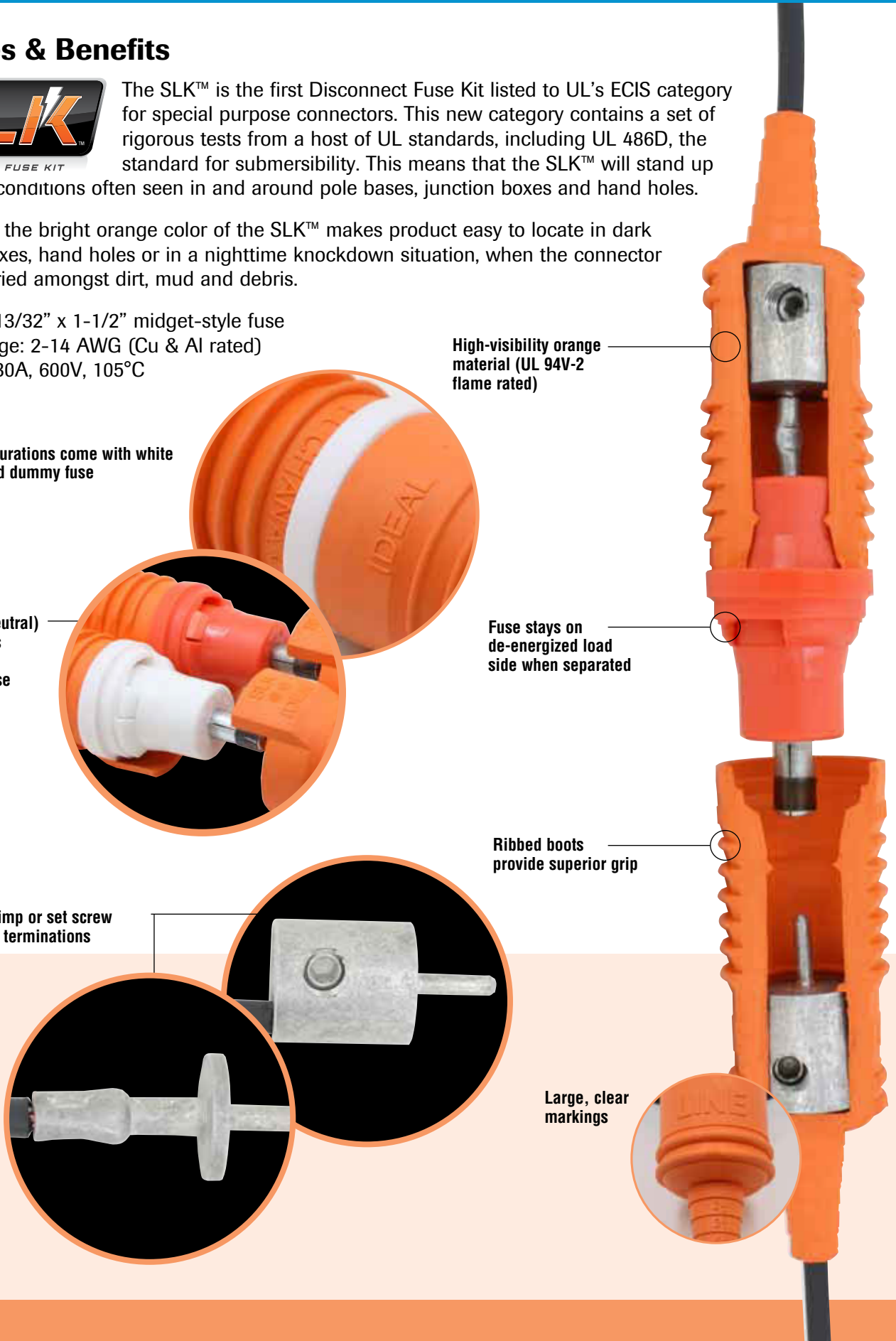
Crimp or set screw terminations

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

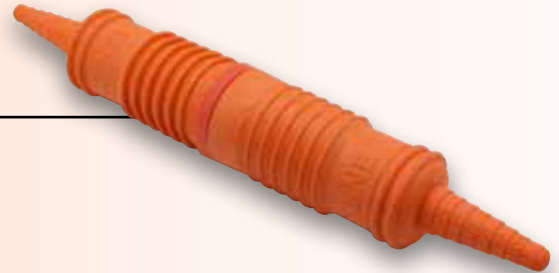


SLK™ Disconnect Fuse Kits

Example Configurations

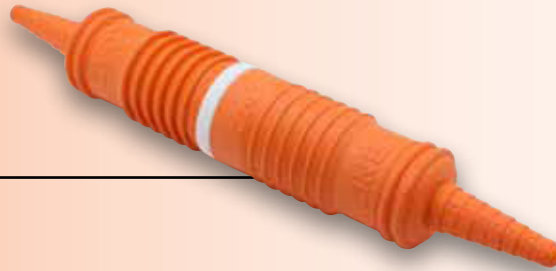
In-Line Fused (Hot)

One wire line, one wire load



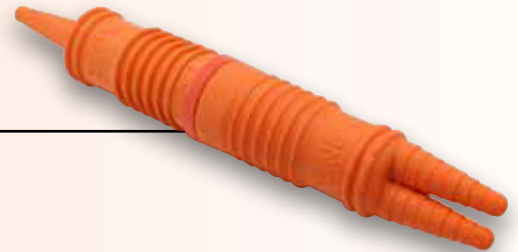
In-Line Non-Fused (Neutral)

One wire line, one wire load



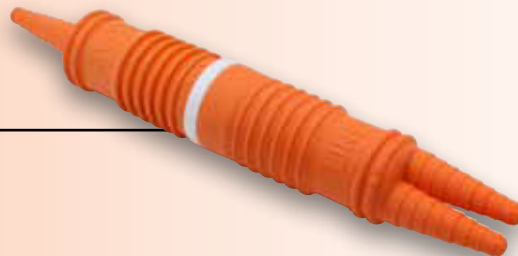
Y-Tap Fused (Hot)

Two wire line, one wire load



Y-Tap Non-Fused (Neutral)

Two wire line, one wire load



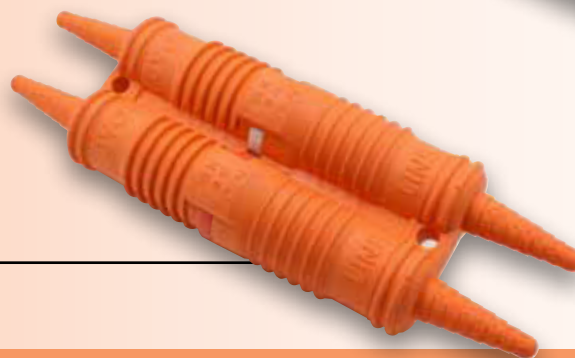
Dual In-Line Fused (Both Hot)

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-C1216			30-C1222	30-C1222	30-C1226	30-C1226	30-C1226
		4 AWG		30-C1212	30-C1216	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-C1616			30-C1622	30-C1622	30-C1626	30-C1626	30-C1626
		8 AWG				30-C1616	30-C1616	30-C1616	30-C1616			30-C1622		30-C1626	30-C1626	30-C1626
		10 AWG					30-C1616	30-C1616	30-C1616					30-C1626	30-C1626	30-C1626
		12 AWG						30-C1616	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-C2016			30-C2022	30-C2022	30-C2026	30-C2026	30-C2026
		4 AWG		30-C2012	30-C2016	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-C2216			30-C2222	30-C2222	30-C2226	30-C2226	30-C2226
		8 AWG				30-C2216	30-C2216	30-C2216	30-C2216			30-C2222		30-C2226	30-C2226	30-C2226
		10 AWG					30-C2616	30-C2616	30-C2616					30-C2626	30-C2626	30-C2626
		12 AWG						30-C2616	30-C2616					30-C2626	30-C2626	30-C2626
		14 AWG							30-C2616						30-C2626	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-S1212	30-S1212			30-S1222	30-S1222	30-S1222	30-S1222
		4 AWG		30-S1212	30-S1212	30-S1212	30-S1212	30-S1212	30-S1212			30-S1222	30-S1222	30-S1222	30-S1222	30-S1222
		6 AWG			30-S1212	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-S1212			30-S1222		30-S1222	30-S1222	30-S1222
		10 AWG					30-S1212	30-S1212	30-S1212					30-S1222	30-S1222	30-S1222
		12 AWG						30-S1212	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-S2212	30-S2212	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-S2212		30-S2222	30-S2222	30-S2222	30-S2222	30-S2222	30-S2222
		6 AWG			30-S2212	30-S2212	30-S2212	30-S2212	30-S2212		30-S2222	30-S2222	30-S2222	30-S2222	30-S2222	30-S2222
		8 AWG				30-S2212	30-S2212	30-S2212	30-S2212			30-S2222		30-S2222	30-S2222	30-S2222
		10 AWG					30-S2212	30-S2212	30-S2212					30-S2222	30-S2222	30-S2222
		12 AWG						30-S2212	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-S1212P.

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

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