

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

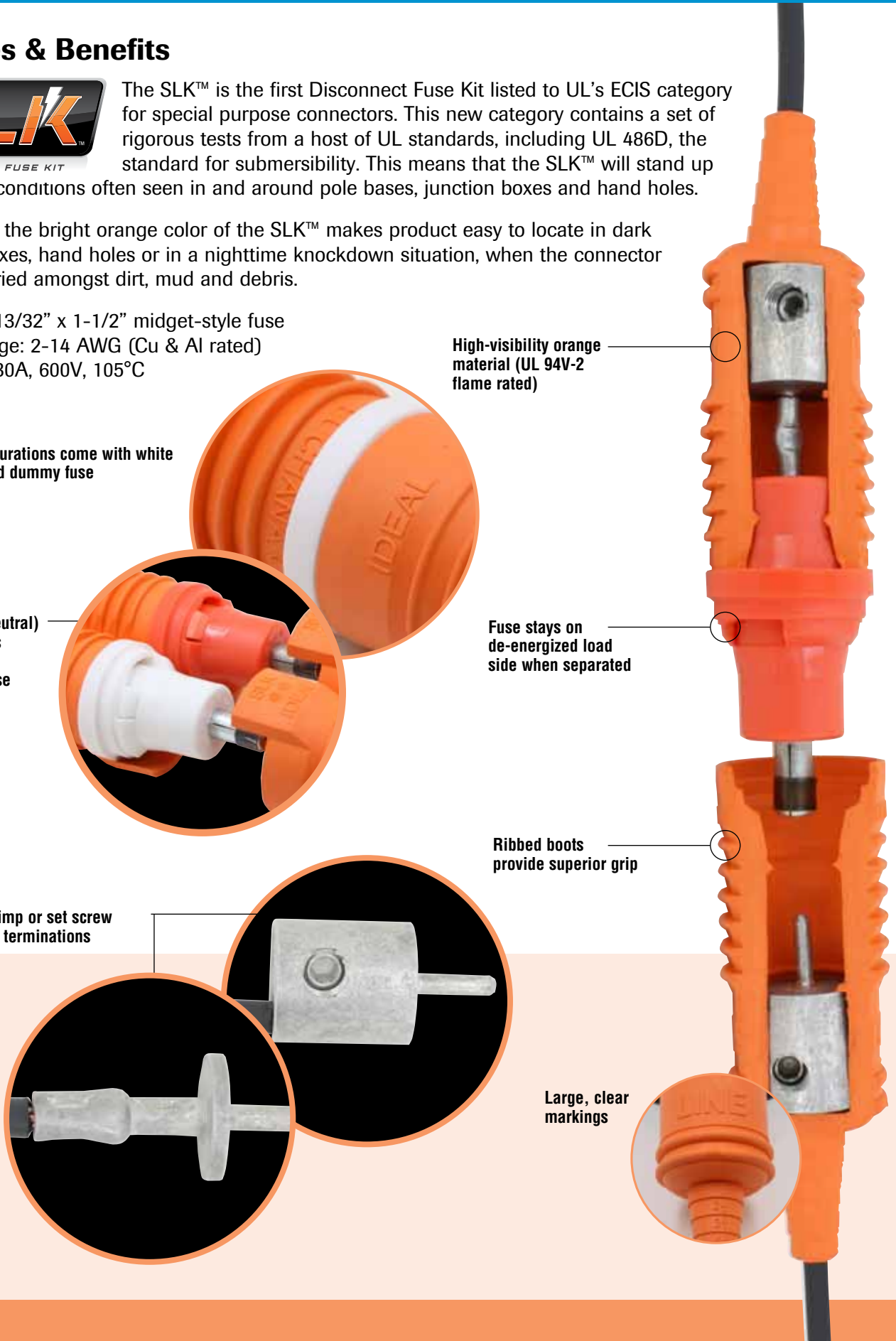
Crimp or set screw terminations

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

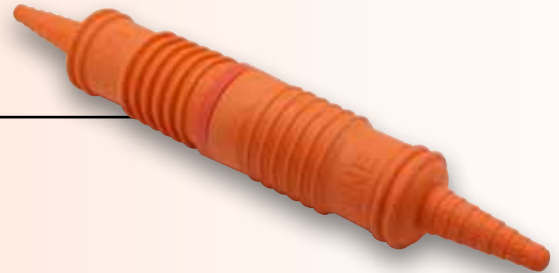


SLK™ Disconnect Fuse Kits

Example Configurations

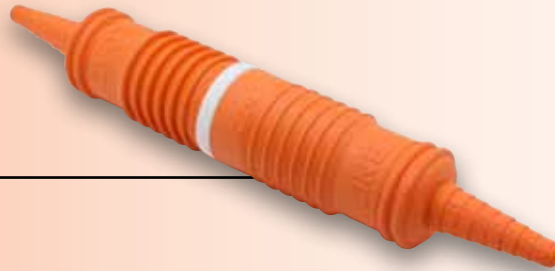
In-Line Fused (Hot)

One wire line, one wire load



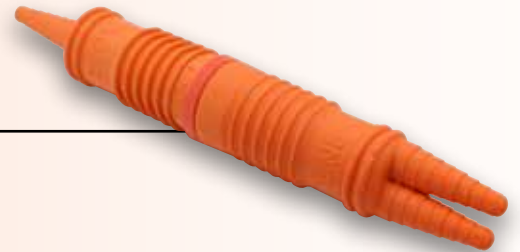
In-Line Non-Fused (Neutral)

One wire line, one wire load



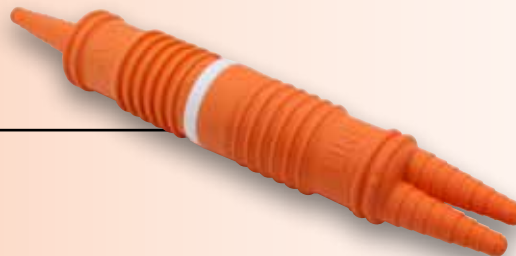
Y-Tap Fused (Hot)

Two wire line, one wire load



Y-Tap Non-Fused (Neutral)

Two wire line, one wire load



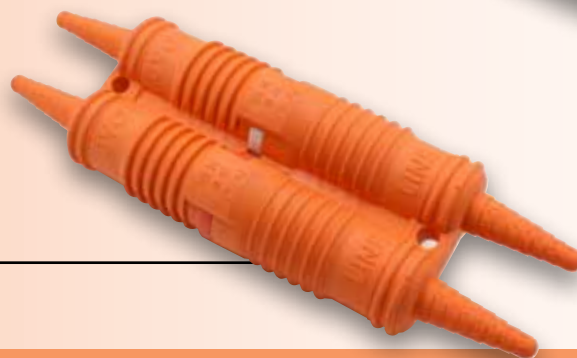
Dual In-Line Fused (Both Hot)

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-S1212 | 30-S1212 | 30-S1212 | 30-S1212 | 30-S1212 | 30-S1212 |
| | | 4 AWG | | 30-S1212 | 30-S1212 | 30-S1212 | 30-S1212 | 30-S1212 | 30-S1212 | | | 30-S1212 | 30-S1212 | 30-S1212 | 30-S1212 | 30-S1212 |
| | | 6 AWG | | | 30-S1212 | 30-S1212 | 30-S1212 | 30-S1212 | 30-S1212 | | | 30-S1212 | 30-S1212 | 30-S1212 | 30-S1212 | 30-S1212 |
| | | 8 AWG | | | | 30-S1212 | 30-S1212 | 30-S1212 | 30-S1212 | | | 30-S1212 | | 30-S1212 | 30-S1212 | 30-S1212 |
| | | 10 AWG | | | | | 30-S1212 | 30-S1212 | 30-S1212 | | | | | 30-S1212 | 30-S1212 | 30-S1212 |
| | | 12 AWG | | | | | | 30-S1212 | 30-S1212 | | | | | | 30-S1212 | 30-S1212 |
| | | 14 AWG | | | | | | | 30-S1212 | | | | | | | 30-S1212 |
| | 2 Wire | 2 AWG | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 |
| | | 4 AWG | | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | | | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 |
| | | 6 AWG | | | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | | | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 |
| | | 8 AWG | | | | 30-S2212 | 30-S2212 | 30-S2212 | 30-S2212 | | | 30-S2212 | | 30-S2212 | 30-S2212 | 30-S2212 |
| | | 10 AWG | | | | | 30-S2212 | 30-S2212 | 30-S2212 | | | | | 30-S2212 | 30-S2212 | 30-S2212 |
| | | 12 AWG | | | | | | 30-S2212 | 30-S2212 | | | | | 30-S2212 | 30-S2212 | 30-S2212 |
| | | 14 AWG | | | | | | | 30-S2212 | | | | | | 30-S2212 | 30-S2212 |

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 |

IDEAL INDUSTRIES, INC.

Sycamore, IL 60178, USA / 815-895-5181 • 800-435-0705 in USA

International offices: Australia • Brazil • Canada • China • Germany • Mexico • UK

For complete sales office contact information, visit us at:

www.idealindustries.com