



SKU: IPC-500-500

UPC: 0783669532807

Features & Benefits:

Description: KUP-L-Tap Insulation Piercing Copper Connector, Dual Rated, Main Conductor Range 500-300, Tap Range 500-250, Tin Plated, UL, CSA

Specs

Additional Class Attributes

| | |
|----------------------|------------|
| Connection | Mechanical |
| Contains DE-OX® | No |
| Number of Conductors | 2 |
| Number of Poles | 1 |
| Number of Ports Tap | 1 |
| Wire Orientation | Parallel |

Dimensions

| | |
|-----------------|--------------|
| Drive Size Main | 7/8-7/8 |
| Drive Type Main | External Hex |
| Height (IN) | 5 |
| Height BX (IN) | 3.625 |
| Height (mm) | 127 |
| Length (IN) | 3.2 |
| Length (mm) | 81.28 |
| Weight (LB) | 4.721 |
| Weight BX (LB) | 4.82 |
| Width (IN) | 1.399 |
| Width BX (IN) | 4 |
| Width (mm) | 35.5346 |

Material and Finish

| | |
|----------------------------|-------------|
| Clamping Hardware Finish | Tin |
| Clamping Hardware Material | Alloy steel |
| Conductor Material | Copper |
| Connector Finish | Tin |
| Insulation | Nylon |
| Material | Copper |

Bolt and Screw Sizes

| | |
|--|--------|
| Clamping Bolt Size | 1/2-13 |
| Number of Wire Binding Screws per Port | 1 |
| Wire Binding Screw Size | NA |
| Wire Binding Torque | 900 |

General

| | |
|-----------------------------|----------------|
| Bag Quantity | 1 |
| Carton Quantity Description | STD PACK QTY 1 |
| Direct Burial | No |
| Dual Rated | Yes |
| NEMA Code | S-588-4 |
| UPC Code | 78366953280 |

Testing Standards

| | |
|--------------------------|---|
| CSA File Number | LR-29601 |
| CSA Standard | C22.2 No. 65-03 |
| Prop65 Compliance | WARNING: Cancer and Reproductive Harm - www.P65warnings.ca.gov |
| UL / CULUS Specification | UL 486A/B Listed |
| UL File Number | E6207 |

Environment and Temperature

| | |
|--------------------|------|
| Temperature Rating | 90°C |
|--------------------|------|

Color

| | |
|-------|-------|
| Color | Black |
|-------|-------|

Conductor Ranges

| | |
|--|-----------------------|
| Conductor Range AL Solid (Secondary, tap, load) | NA |
| Conductor Range AL Stranded (Primary, run, main, line) | 500 kcmil - 300 kcmil |
| Conductor Range AL Stranded (Secondary, tap, load) | 500 kcmil - 250 kcmil |
| Conductor Range CU Solid (Primary, run, main, line) | NA |
| Conductor Range CU Solid (Secondary, tap, load) | NA |
| Conductor Range CU Stranded (Primary, run, main, line) | 500 kcmil - 300 kcmil |
| Conductor Range CU Stranded (Secondary, tap, load) | 500 kcmil - 250 kcmil |
| Conductor Range AL Solid (Primary, run, main, line) | NA |

Voltage

| | |
|----------------|-------|
| Voltage Rating | 600 V |
|----------------|-------|

Additional Technical Specifications

| | |
|---|----------|
| Connector Amperage Rating AL (Derated where applicable) | 350 Amps |
| Connector Amperage Rating CU (Derated where applicable) | 430 Amps |
| Conductor Type | Stranded |