



CONVERSIONS TECH
A ROCK BRIDGE GROUP COMPANY

T&D HARDWARE

12

Electrical Hardware Catalog

Catalog CT-26 · 2026 Edition

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CT-26

UTILITY & INDUSTRIAL

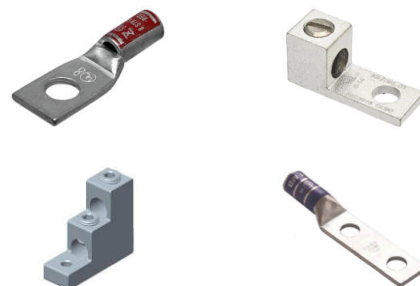
cULus Listed · UL 467 · UL 486A-486B · Same-day shipping on in-stock items
conversiontech.com · cs@conversiontech.com · (307) 206-0534 · Oxnard, CA

SOLAR & OEM

RESIDENTIAL & COMMERCIAL

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HOW TO USE THIS CATALOG

- Every catalog number printed here is a live, orderable item at conversiontech.com with the same specification on its product page.
- Scan the QR code on each section page for current stock, pricing and downloadable spec sheets.
- Lug dimensions are in inches: A conductor bore, E stud hole, B barrel length, J overall length, G offset (flag lugs), C wall (splices).
- The colored chip in each row is the die color band on the connector and the matching U-die index.
- Catalog numbers are printed exactly as they appear on the web, so a web search by catalog number lands on the product page.
- Order by catalog number and quantity. Trade accounts, net terms and project quotes: cs@conversiontech.com or (307) 206-0534.

conversiontech.com

One number, in print and online

Conversions Tech supplies electrical distributors, contractors and OEM panel shops with the connectors, grounding and utility hardware that go on every industrial job. This book and conversionstech.com carry the same catalog numbers, the same specifications and the same cross-references, so a number quoted from either one is the number you order.



OPEN A TRADE ACCOUNT

The catalog number is the order number

Every number in this book is the catalog number on conversionstech.com, one for one. Multi-packs carry the pack suffix shown online (-10, -25, -100).

Crossed to the bill of material

Each table prints the published equal from Burndy, ILSCO, Panduit, T&B, Penn-Union, NSi, Blackburn or Hubbell. The cross-reference index at the back runs competitor number to ours.

Listings stated by line

Compression lugs cULus Listed to UL 486A-486B; mechanical lugs UL listed; grounding to UL 467 and IEEE 837 where the row says so. Spec sheets on request.

Same-day shipping

In-stock items ship the same business day. Every section opener carries a QR code to live stock and pricing for that line.

Quote by catalog number

Send the catalog numbers and quantities, or a competitor bill of material, to cs@conversionstech.com for a quote.

Application engineering

Conductor range, stud, die, torque or listing questions answered by phone: (307) 206-0534.

WHAT AN INDUSTRIAL ORDER LOOKS LIKE

Scope	Lines	Where
Service and feeders	Compression lugs, splices, dies and 12-ton crimpers	Section 01
Switchgear and panels	Mechanical, stacked panelboard and NEMA two-hole lugs; bars and distribution blocks	Section 03
Taps and splices	Insulated multi-tap connectors, split bolts, splicer-reducers	Section 05
Grounding	Clamps, IEEE 837 compression grounding, copper-bonded rods	Section 10
Utility	Hot-line clamps, cutouts, bushings, spade terminals, tank grounds	Section 12



APPLICATION OVERVIEW

Where our hardware installs

From the utility transformer to the service entrance, switchboard, panelboards, rooftop solar and the grounding electrode system: every connection point in a commercial building uses hardware from this book.

Engineered to be approved

How the connectors in this catalog are listed and tested, and what the listing means, written for the engineer who signs the submittal.

Built to be approved

Every connector in this book is chosen by an engineer before it is ordered by a buyer, so the book is built the way an approving engineer reads: the catalog number carries the series and size, the dimensions are the manufacturer's published figures, the listing is stated for every line, and the cross-reference names the part being replaced.

What UL 486A-486B actually tests

Listing to UL 486A-486B is a destructive test program on the finished connector, not a paper review. Secureness: the installed connector is rotated and flexed with the conductor under load and may not loosen. Pull-out: the conductor is pulled from the terminated connector and must hold the force specified for its size, Heat cycling: assemblies are run at rated current through 500 cycles of heating and cooling and may not rise above the reference conductor by more than the allowed temperature or drift in resistance. Static heating, dielectric withstand on insulated parts and the torque sequence complete the program. Mechanical lugs add the set-screw torque and conductor-damage checks of UL 486B; grounding products are tested to UL 467 and, for buried compression joints, IEEE 837.

Listings by product line



Copper compression lugs

Mechanical lugs

Grounding and bonding connectors

Tin plated split bolts

Tin-plated copper connectors

cULus Listed

UL listed

UL listed

cULus Listed, file E532633

RoHS compliant

UL 486A-486B · CSA C22.2 No. 65

UL 486A-486B

UL 467

UL 486A-486B · CSA C22.2 No. 65

EU RoHS

What the listing tests

TEST	STANDARD	WHAT IS MEASURED	ACCEPTANCE
Secureness	UL 486A-486B	Connector flexed and rotated under conductor load	No loosening, no movement in the barrel
Pull-out	UL 486A-486B	Tensile load on the terminated conductor, by size	Holds the tabulated force, no slip
Static heating	UL 486A-486B	Rated current held to thermal stability	Rise within allowance of the reference
Heat cycling	UL 486A-486B	500 current cycles, resistance and rise logged	Stable resistance, no excess rise
Dielectric withstand	UL 486A-486B	Insulated and covered connectors at test voltage	No breakdown or flashover
Set-screw torque	UL 486B	Lug tightened to listed torque, strands inspected	No stripped threads, no strand damage
Grounding and bonding	UL 467 · IEEE 837	Fault current, corrosion, freeze-thaw, buried joints	Listed for the marked conductors and duty

cULus

compression lugs listed to UL 486A-486B and CSA C22.2 No. 65

UL 467

grounding and bonding connectors listed

3 years

warranty on every crimper and die

One source

lug, die and tool on one order and one account

Your engineers, backed by ours

Engineering design support

Our application engineers work the same problems yours do: which lug lands a 350 kcmil compact conductor on a 1/2 inch stud with 1.75 inch NEMA centers, which die index a given barrel takes, whether a competitor number crosses one for one or only by range. Send a drawing, a schedule or a competitor catalog number and you get back the catalog number, the spec sheet, the listing and the crimp or torque data.

Built for the submittal

Every product page carries a downloadable spec sheet with the dimensioned drawing, the conductor table, the listing and the cross-reference. Submittal packages for a project are assembled on request.

Lug, die and tool from one source

The die color and index are printed beside every compression connector in this book, our dies carry the same colors, and our 12-ton crimpers take the standard U-die. Lugs, splices, dies and tools ship on one order, and every crimper and die carries a three-year warranty.

Why we do this

The lug is the smallest line item on the job and the one that fails loudest. So we put our time where it matters: on the fit, the plating, the listing, and on answering the phone when a project is on the line.

From drawing to approved part in three steps

1 Send us the problem

A one-line drawing, a panel schedule, a conductor list or a competitor catalog number. Email, phone or the web cross-reference form.

2 We engineer the answer

The CT catalog number, the dimensioned spec sheet, the listing, die index or torque, and the cross-reference to the part you are replacing.

3 Approve once, order

The submittal package goes to the approving engineer; lugs, dies and tools then ship together on one order and one trade account.

What to send for a fast, one-pass approval

- Conductor material, size and stranding (compact, compressed, concentric)
- Stud or bolt size and the hole pattern or NEMA pad centers
- Environment: indoor, outdoor, direct burial, corrosive or marine
- Listing required (UL 486A-486B, UL 467, IEEE 837) and temperature rating
- The competitor part number being replaced, if any
- Quantity, release schedule and the approving engineer's contact

APPLICATION ENGINEERING

cs@conversionstech.com · (307) 206-0534 · conversionstech.com/pages/cross-reference-hub

Ampacity and grounding conductor sizing

The two tables every termination starts from. Size the conductor for the load at the temperature rating of the weakest termination in the circuit, then size the equipment grounding conductor from the overcurrent device. Pick the lug for that conductor in the section tables.

NEC TABLE 310.16 · AMPACITY

3 conductors max, 30 °C ambient

Size	Cu 60 °C	Cu 75 °C	Cu 90 °C	Al 60 °C	Al 75 °C	Al 90 °C
14 AWG	15	20	25	—	—	—
12 AWG	20	25	30	15	20	25
10 AWG	30	35	40	25	30	35
8 AWG	40	50	55	35	40	45
6 AWG	55	65	75	40	50	55
4 AWG	70	85	95	55	65	75
3 AWG	85	100	115	65	75	85
2 AWG	95	115	130	75	90	100
1 AWG	110	130	145	85	100	115
1/0 AWG	125	150	170	100	120	135
2/0 AWG	145	175	195	115	135	150
3/0 AWG	165	200	225	130	155	175
4/0 AWG	195	230	260	150	180	205
250 kcmil	215	255	290	170	205	230
300 kcmil	240	285	320	195	230	260
350 kcmil	260	310	350	210	250	280
400 kcmil	280	335	380	225	270	305
500 kcmil	320	380	430	260	310	350
600 kcmil	350	420	475	285	340	385
700 kcmil	385	460	520	315	375	425
750 kcmil	400	475	535	320	385	435
800 kcmil	410	490	555	330	395	445
900 kcmil	435	520	585	355	425	480
1000 kcmil	455	545	615	375	445	500

NEC TABLE 250.122 · MINIMUM EGC

OCPD, A	Copper	Aluminum
15	14	12
20	12	10
60	10	8
100	8	6
200	6	4
300	4	2
400	3	1
500	2	1/0
600	1	2/0
800	1/0	3/0
1000	2/0	4/0
1200	3/0	250 kcmil
1600	4/0	350 kcmil
2000	250 kcmil	400 kcmil
2500	350 kcmil	600 kcmil
3000	400 kcmil	600 kcmil
4000	500 kcmil	750 kcmil
5000	700 kcmil	1200 kcmil
6000	800 kcmil	1200 kcmil

AWG unless marked kcmil. Increase the EGC in proportion when the ungrounded conductors are upsized for voltage drop, NEC 250.122(B).

READING THE AMPACITY TABLE

- Use the 75 °C column (boxed) for most equipment over 100 A and conductors 1 AWG and larger, NEC 110.14(C)(1)(b). Use 60 °C for 100 A and below or 14 to 1 AWG unless the equipment is marked 75 °C.
- The 90 °C column is for derating only: start there when adjusting for ambient or bundled conductors, and the result may not exceed the termination column.
- CT compression and mechanical lugs are rated 90 °C, so the lug never sets the limit: the equipment terminal and conductor insulation do.

WORKED EXAMPLE

- 400 A feeder, 75 °C terminals: two parallel sets of 3/0 Cu (2 x 200 A = 400 A) or 250 kcmil Al (2 x 205 A).
- EGC for a 400 A device: 3 AWG Cu or 1 AWG Al in each raceway, NEC 250.122(F).
- Lugs: two-hole long barrel 3/0 in section 01, die 50 orange, or a two-conductor mechanical lug in section 03.

Engineering a termination that lasts

Most connection failures are heat failures: a joint that starts slightly loose oxidizes, its resistance climbs and it runs hotter every cycle. Every rule on this page exists to keep contact resistance low and stable for the life of the equipment.

TEMPERATURE RATING

- Lugs are rated 90 °C; equipment terminals are usually 60 °C or 75 °C. Size the conductor to the lowest rating in the circuit, NEC 110.14(C).
- A lug never upgrades an equipment terminal: a 90 °C lug on a 75 °C breaker is still a 75 °C termination.

TORQUE

- NEC 110.14(D): tighten to the value the manufacturer marks, with a calibrated torque tool.
- Under-torque is the most common field failure; over-torque cracks barrels and strips set screws. Re-torque is not a substitute for the right first value.

METALS

- Copper compression lugs and splices are for copper conductors. Aluminum conductors go in AL9CU-rated mechanical lugs or aluminum compression connectors.
- Wire brush aluminum to break the oxide and apply inhibitor before it is landed. Tin plating on the lug keeps the copper-to-aluminum interface stable at the pad.

STRAND CLASS

- Lug ranges are for Class B and C stranding unless marked otherwise.
- Fine-strand (Class I, K, M) welding and flexible cable needs a connector listed for it; a standard barrel can under-compress it. Ask application engineering before crimping fine strand.

COMPRESSION

- Crimp with the die the lug is marked for; the embossed code is the inspection record.
- Crimp count and order are marked on the barrel: tongue end first, each crimp to full tool bypass. Long barrels take more crimps and hold better in vibration.

PADS AND HARDWARE

- NEMA CC1 two-hole pads: 1/2 in holes on 1-3/4 in centers. Two holes stop the lug rotating on the pad under fault forces.
- Use Grade 5 or stainless hardware with flat washers and a Belleville or split washer per the equipment maker; bolt torque comes from the equipment, not the lug.

WHAT THE LISTINGS TEST

Standard	Covers	Key tests
UL 486A-486B	Wire connectors	Pull-out, secureness, static heating, 500 current heat cycles
UL 467	Grounding and bonding	Current, secureness and corrosion; direct burial where marked
IEEE 837	Substation grounding	Current-temperature cycling, freeze-thaw, corrosion, fault current
UL 514B	Fittings	Pull-out, bonding continuity; raintight and concrete-tight tests



SECTION 01 · WHERE IT INSTALLS

01 | Copper Compression Lugs

Tin plated electrolytic copper terminations from 10 AWG to 1000 kcmil, landed on panelboard, switchgear and equipment bus.

01 Copper Compression Lugs

Tin plated electrolytic copper terminations from 10 AWG to 1000 kcmil in one-hole, two-hole, short / standard barrel, long barrel and 90° flag configurations.



LIVE STOCK AND PRICING



One-hole, short / standard barrel



Two-hole, long barrel



One-hole, long barrel



90° flag



Two-hole, short / standard barrel

The stocked line. Catalog numbers and dimensions begin on page 11.

WHERE IT INSTALLS

- Switchgear and panelboard terminations
- Industrial equipment and bus connections
- Utility, solar and commercial feeder work
- Generator and transfer-switch landings

HOW TO SPECIFY

- This section is filed by conductor size: find your size on the finder page or the edge tabs, and every lug for that size is on one spread.
- Within a size, lugs run one-hole short, one-hole long, two-hole short, two-hole long, then flag, each by stud size.
- One hole = SB / LB series, two hole = ST / LT series; short / standard barrel for tight gutters, long barrel for high-vibration and utility work.
- Dimensions: A conductor bore, E stud hole, B barrel length, J overall length, hole spacing on two-hole lugs, G offset on flag lugs.
- Die color on every row matches the band on the lug and the U-die index.

The compression lug line



Electrolytic copper (E-Cu) tube, electro tin plated, with a chamfered barrel entry. cULus Listed to UL 486A-486B; the color on each table row is the matching U-die color. These are the lugs we ship, as shown on their product pages.



One-hole, short / standard barrel

72 catalog numbers, 10 AWG to 1000 kcmil. The general-purpose termination for panelboards, switchgear and equipment pads.



One-hole, long barrel

59 catalog numbers, 10 AWG to 1000 kcmil. The longer barrel takes more crimps for utility, high-vibration and generator work; crimp count per size is on the product page.



Two-hole

121 catalog numbers, 10 AWG to 1000 kcmil. Two bolts stop the lug turning on the pad: transformers, bus and switchgear. Hole spacing c/c is in each table row.



90° flag

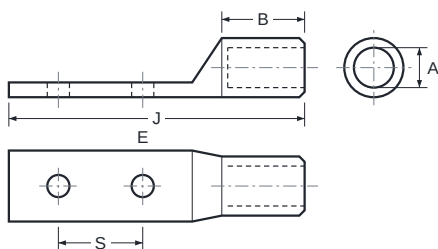
Tongue at 90° to the barrel for tight gutters and side-entry terminations where a straight lug cannot turn.

Find your conductor size

Every compression lug in this section is filed by conductor size, smallest to largest, and the tabs on the page edge carry the size. Find the row for your conductor, read across to the configuration you need, and turn to that page: every lug we sell for that size is there with its full dimensions.

Conductor	mm ²	Die	One hole short / std barrel	One hole long barrel	Two hole short / std barrel	Two hole long barrel	90° flag	Page
10 AWG	5.26	Yellow	2 • p. 11 1/4, 5/16	2 • p. 11 #10, 1/4	2 • p. 11 #10, 1/4	—	—	11
8 AWG	8.37	Red	5 • p. 11 #10, 1/4, 5/16 ...	4 • p. 12 1/4, 5/16, 3/8 ...	5 • p. 12 #10, 1/4, 3/8, 1/2	4 • p. 12 #10, 1/4, 5/16 ...	—	11
6 AWG	13.3	Blue	5 • p. 13 #10, 1/4, 5/16 ...	5 • p. 13 #10, 1/4, 5/16 ...	6 • p. 14 #10, 1/4, 5/16 ...	7 • p. 14 #10, 1/4, 5/16 ...	—	13
4 AWG	21.2	Gray	5 • p. 15 #10, 1/4, 5/16 ...	4 • p. 15 #10, 1/4, 3/8, 1/2	6 • p. 16 #10, 1/4, 5/16 ...	7 • p. 16 #10, 1/4, 5/16 ...	—	15
3 AWG	26.7	White	4 • p. 17 1/4, 5/16, 3/8 ...	3 • p. 17 1/4, 3/8, 1/2	3 • p. 17 1/4, 5/16, 3/8	2 • p. 17 1/4, 3/8	—	17
2 AWG	33.6	Brown	5 • p. 18 #10, 1/4, 5/16 ...	5 • p. 18 #10, 1/4, 5/16 ...	5 • p. 19 1/4, 5/16, 3/8 ...	8 • p. 19 #10, 1/4, 5/16 ...	—	18
1 AWG	42.4	Green	4 • p. 20 1/4, 5/16, 3/8 ...	3 • p. 20 1/4, 3/8, 1/2	4 • p. 20 1/4, 5/16, 3/8 ...	5 • p. 21 1/4, 5/16, 3/8 ...	—	20
1/0 AWG	53.5	Pink	4 • p. 21 1/4, 5/16, 3/8 ...	4 • p. 21 1/4, 5/16, 3/8 ...	4 • p. 22 1/4, 5/16, 3/8 ...	6 • p. 22 1/4, 5/16, 3/8 ...	—	21
2/0 AWG	67.4	Black	5 • p. 23 1/4, 5/16, 3/8 ...	5 • p. 23 1/4, 5/16, 3/8 ...	4 • p. 23 1/4, 5/16, 3/8 ...	4 • p. 24 1/4, 5/16, 3/8 ...	—	23
3/0 AWG	85.0	Orange	4 • p. 24 1/4, 5/16, 3/8 ...	4 • p. 24 1/4, 5/16, 3/8 ...	3 • p. 25 5/16, 3/8, 1/2	5 • p. 25 1/4, 5/16, 3/8 ...	—	24
4/0 AWG	107	Purple	4 • p. 25 1/4, 5/16, 3/8 ...	4 • p. 26 1/4, 5/16, 3/8 ...	4 • p. 26 1/4, 5/16, 3/8 ...	4 • p. 26 1/4, 5/16, 3/8 ...	—	25
250 kcmil	127	Yellow	6 • p. 27 1/4, 5/16, 3/8 ...	6 • p. 27 1/4, 5/16, 3/8 ...	3 • p. 28 1/4, 3/8, 1/2	3 • p. 28 1/4, 3/8, 1/2	—	27
300 kcmil	152	White	4 • p. 28 5/16, 3/8, 1/2 ...	2 • p. 29 3/8, 1/2	1 • p. 29 1/2	—	—	28
350 kcmil	177	Red	2 • p. 29 3/8, 1/2	2 • p. 29 3/8, 1/2	2 • p. 30 3/8, 1/2	1 • p. 30 1/2	—	29
400 kcmil	203	Blue	2 • p. 30 3/8, 1/2	1 • p. 30 1/2	1 • p. 31 1/2	1 • p. 31 1/2	—	30
500 kcmil	253	Brown	3 • p. 31 3/8, 1/2, 5/8	1 • p. 31 5/8	2 • p. 32 3/8, 1/2	2 • p. 32 3/8, 1/2	—	31
600 kcmil	304	Green	2 • p. 32 1/2, 5/8	1 • p. 32 1/2	2 • p. 33 3/8, 1/2	1 • p. 33 1/2	—	32
750 kcmil	380	Black	3 • p. 33 3/8, 1/2, 5/8	1 • p. 33 1/2	1 • p. 34 1/2	2 • p. 34 3/8, 1/2	—	33
1000 kcmil	507	Purple	3 • p. 34 1/2, 5/8	2 • p. 34 1/2, 5/8	1 • p. 35 1/2	—	—	34

HOW TO READ A ROW



- A conductor bore, E stud hole, B barrel length, J overall length; two-hole lugs add center-to-center hole spacing, flag lugs add G offset. All in inches.
- Catalog numbers are printed exactly as they appear on conversionstech.com. Where a lug replaces an earlier Conversions Tech number, both numbers and the competitor crosses are searchable on the site and listed in the cross-reference index.
- Die color matches the band on the lug and the U-die index on the reference page. Pack: 1 = each, 25 = carton of 25.

10 AWG

5.26 mm² · 6 catalog numbers in this size · die color Yellow
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C



ONE HOLE, SHORT / STANDARD BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Pack	Cross-reference
CT-SB1014S	1/4	0.22	0.28	0.40	1.25	1	Panduit LCA10-14-L
CT-SB10516S	5/16	0.22	0.34	0.40	1.28	1	Panduit LCA10-56-L

ONE HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Pack	Cross-reference
CT-LB1010	#10	0.22	0.22	0.57	1.30	1	—
CT-LB1014S	1/4	0.22	0.28	0.57	1.42	1	—

TWO HOLE, SHORT / STANDARD BARREL Inches · A bore, E hole, B barrel, J overall, S c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Pack	Cross-reference
CT-ST1010	#10	0.22	0.22	0.40	1.75	0.63	1	—
CT-ST10-14	1/4	0.22	0.28	0.40	1.88	0.63	1	—

YELLOW

8 AWG

8.37 mm² · 18 catalog numbers in this size · die color Red, die index 21
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C

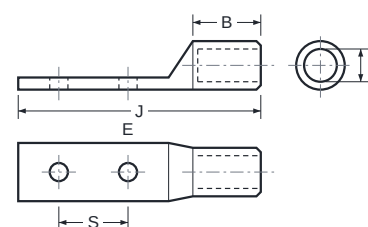
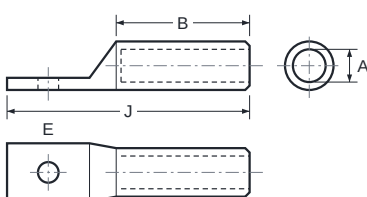
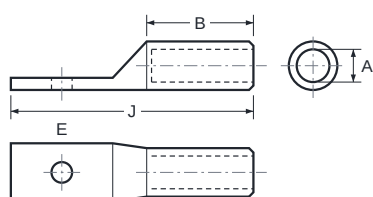


ONE HOLE, SHORT / STANDARD BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-SB810	#10	0.28	0.22	0.50	1.23	21	1	Burndy YA8CL · Panduit LCA8-10-L
CT-SB814	1/4	0.28	0.28	0.50	1.35	21	1	Burndy YA8CL1 · Panduit LCA8-14-L
CT-SB8516	5/16	0.28	0.34	0.50	1.38	21	1	Burndy YA8CL2 · Panduit LCA8-56-L
CT-SB838	3/8	0.28	0.41	0.50	1.46	21	1	Burndy YA8CL3 · Panduit LCA8-38-L
CT-SB812	1/2	0.28	0.52	0.50	1.76	21	1	Burndy YA8CL4

RED · DIE 21

DIMENSIONS Inches · A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel

One-hole, long barrel

Two-hole, short / standard barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

8 AWG (continued)

ONE HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-LB814	1/4	0.28	0.28	0.81	1.66	21	1	Burndy YA8CTC14 · Blackburn CTL8L-14
CT-LB8516	5/16	0.28	0.34	0.81	1.69	21	1	ILSCO CLNS-8-516
CT-LB838	3/8	0.28	0.41	0.81	1.77	21	1	Burndy YA8CTC38 · ILSCO CLNS-8-38
CT-LB8-12	1/2	0.28	0.52	0.81	2.07	21	1	—

TWO HOLE, SHORT / STANDARD BARREL Inches · A bore, E hole, B barrel, J overall, S c/c

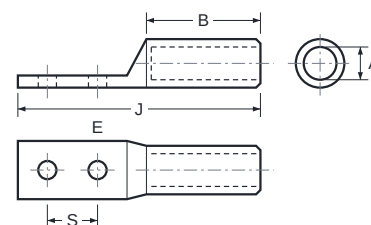
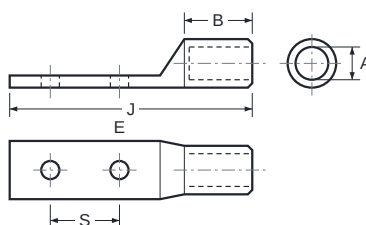
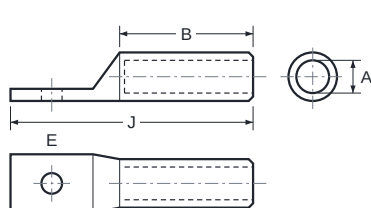
Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-ST810	#10	0.28	0.22	0.50	1.85	0.63	21	1	—
CT-ST814	1/4	0.28	0.28	0.50	1.98	0.63	21	1	—
CT-ST814B	1/4	0.28	0.28	0.50	2.35	1.00	21	1	Burndy YA8CL2TC14E1
CT-ST838	3/8	0.28	0.41	0.50	2.46	1.00	21	1	Burndy YA8CL2TC38
CT-ST812	1/2	0.28	0.52	0.50	3.51	1.75	21	1	Burndy YA8C2LN

TWO HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall, S hole spacing c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-LT810	#10	0.28	0.22	0.81	2.16	0.63	21	1	—
CT-LT814	1/4	0.28	0.28	0.81	2.29	0.63	21	1	—
210-98084E	5/16	0.28	0.34	0.81	2.94	—	21	1	—
CT-LT838	3/8	0.28	0.41	0.81	2.77	1.00	21	1	Burndy YA8C2TC38

RED · DIE 21

DIMENSIONS Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, long barrel

Two-hole, short / standard barrel

Two-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

6 AWG

13.3 mm² · 23 catalog numbers in this size · die color Blue, die index 24
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C

ONE HOLE, SHORT / STANDARD BARREL

Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-SB610	#10	0.31	0.22	0.54	1.27	24	1	Burndy YA6CL1 · Panduit LCA6-10-L
CT-SB614	1/4	0.31	0.28	0.54	1.39	24	1	Burndy YA6CL · Panduit LCA6-14-L
CT-SB6516	5/16	0.31	0.34	0.54	1.42	24	1	Burndy YA6CL3 · Panduit LCA6-56-L
CT-SB638	3/8	0.31	0.41	0.54	1.50	24	1	Burndy YA6CL4 · Panduit LCA6-38-L
CT-SB612	1/2	0.31	0.52	0.54	1.80	24	1	Panduit LCA6-12-L · ILSCO CSWS-6-12

ONE HOLE, LONG BARREL

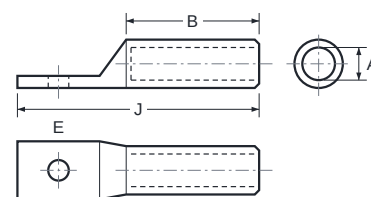
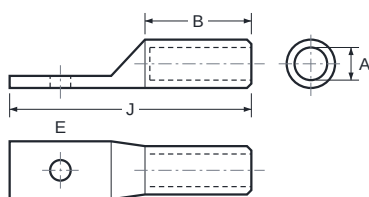
Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-LB610	#10	0.31	0.22	0.90	1.63	24	1	Burndy YA6CTC10 · ILSCO CLNS-6-10
CT-LB614	1/4	0.31	0.28	0.90	1.75	24	1	Burndy YA6C · Panduit LCB6-14-L
CT-LB6516	5/16	0.31	0.34	0.90	1.78	24	1	Burndy YA6CTC516 · ILSCO CLNS-6-516
CT-LB638	3/8	0.31	0.41	0.90	1.86	24	1	Burndy YA6CTC38 · Panduit LCB6-38-L
CT-LB612	1/2	0.31	0.52	0.90	2.16	24	1	Burndy YA6CN · ILSCO CLNS-6-12

BLUE · DIE 24

DIMENSIONS

Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel

One-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

6 AWG (continued)

TWO HOLE, SHORT / STANDARD BARREL Inches · A bore, E hole, B barrel, J overall, S c/c

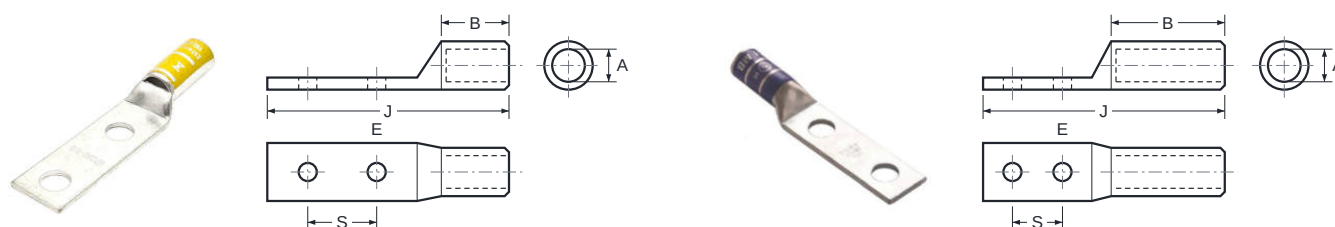
Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-ST610	#10	0.31	0.22	0.54	1.77	0.50	24	1	T&B 256-30695-1153
CT-ST610B	#10	0.31	0.22	0.54	2.02	0.75	24	1	Panduit LCD6-10B-L
CT-ST614	1/4	0.31	0.28	0.54	1.89	0.50	24	1	Burndy YA6CL2TC14E
CT-ST614C	1/4	0.31	0.28	0.54	2.39	1.00	24	1	Burndy YA6CL2TC14E1
CT-ST6516	5/16	0.31	0.34	0.54	2.17	0.75	24	1	Burndy YA6CL2TC516E2
CT-ST638	3/8	0.31	0.41	0.54	2.50	1.00	24	1	Burndy YA6CL2TC38

TWO HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall, S hole spacing c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-LT610	#10	0.31	0.22	0.90	2.25	0.63	24	1	—
CT-LT614	1/4	0.31	0.28	0.90	2.25	0.50	24	1	ILSCO CLND-6-14-12
CT-LT614B	1/4	0.31	0.28	0.90	2.50	0.75	24	1	Burndy YA6C2TC14E2
CT-LT614E	1/4	0.31	0.28	0.90	3.50	1.75	24	1	—
CT-LT6516A	5/16	0.31	0.34	0.90	2.78	1.00	24	1	ILSCO CLND-6-516-1
CT-LT638A	3/8	0.31	0.41	0.90	2.86	1.00	24	1	Burndy YA6C2TC38
CT-LT612	1/2	0.31	0.52	0.90	3.91	1.75	24	1	Burndy YA6C2N · Panduit LCC6-12-L

BLUE · DIE 24

DIMENSIONS Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



Two-hole, short / standard barrel

Two-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

4 AWG

21.2 mm² · 22 catalog numbers in this size · die color Gray, die index 29
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C

ONE HOLE, SHORT / STANDARD BARREL

Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-SB410	#10	0.36	0.22	0.69	1.44	29	1	Burndy YA4CL1 · Panduit LCA4-10-L
CT-SB414	1/4	0.36	0.28	0.69	1.57	29	1	Burndy YA4CL · Panduit LCA4-14-L
CT-SB4516	5/16	0.36	0.34	0.69	1.59	29	1	Burndy YA4CL3 · Panduit LCA4-56-L
CT-SB438	3/8	0.36	0.41	0.69	1.67	29	1	Burndy YA4CL4 · Panduit LCA4-38-L
CT-SB412	1/2	0.36	0.52	0.69	1.97	29	1	Burndy YA4CL6 · Panduit LCA4-12-L

ONE HOLE, LONG BARREL

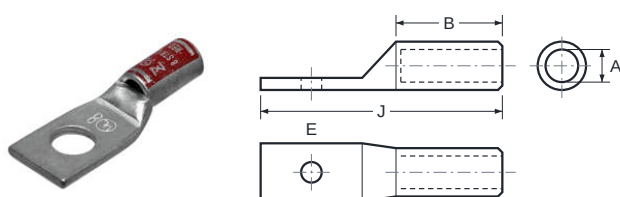
Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-LB410	#10	0.36	0.22	0.90	1.65	29	1	Burndy YA4CTC10 · ILS CO CLNS-4-10
CT-LB414	1/4	0.36	0.28	0.90	1.78	29	1	Burndy YA4C · Panduit LCB4-14-L
CT-LB438	3/8	0.36	0.41	0.90	1.88	29	1	Burndy YA4CTC38 · ILS CO CLNS-4-38
CT-LB412	1/2	0.36	0.52	0.90	2.18	29	1	Burndy YA4CN · ILS CO CLNS-4-12

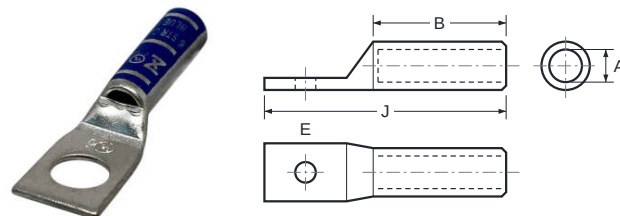
GRAY · DIE 29

DIMENSIONS

Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel



One-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

4 AWG (continued)

TWO HOLE, SHORT / STANDARD BARREL Inches · A bore, E hole, B barrel, J overall, S c/c

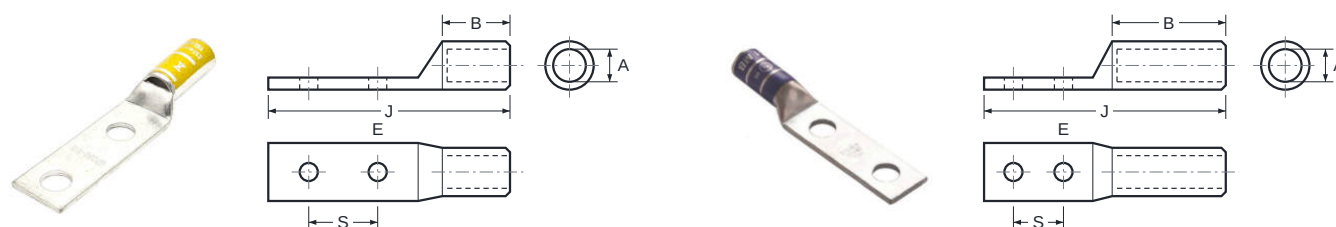
Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-ST410	#10	0.36	0.22	0.69	2.07	0.63	29	1	—
CT-ST410A	#10	0.36	0.22	0.69	2.19	0.75	29	1	Panduit LCD4-10B-L
CT-ST414	1/4	0.36	0.28	0.69	2.19	0.63	29	1	—
CT-ST4516	5/16	0.36	0.34	0.69	2.59	1.00	29	1	Burndy YA4CL2TC516
CT-ST438	3/8	0.36	0.41	0.69	2.67	1.00	29	1	Burndy YA4CL2TC38
CT-ST412	1/2	0.36	0.52	0.69	3.72	1.75	29	1	Burndy YA4C2LN

TWO HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall, S hole spacing c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-LT410A	#10	0.36	0.22	0.90	2.40	0.75	29	1	ILSCO CLND-4-10-34
CT-LT414	1/4	0.36	0.28	0.90	2.40	0.63	29	1	—
CT-LT414A	1/4	0.36	0.28	0.90	2.53	0.75	29	1	Burndy YA4C2TC14E2
CT-LT414B	1/4	0.36	0.28	0.90	2.78	1.00	29	1	Burndy YA4C2TC14E1
CT-LT4516	5/16	0.36	0.34	0.90	2.80	1.00	29	1	ILSCO CLND-4-516-1
CT-LT438A	3/8	0.36	0.41	0.90	2.88	1.00	29	1	Burndy YA4C2TC38
CT-LT412	1/2	0.36	0.52	0.90	3.93	1.75	29	1	Burndy YA4C2N · Panduit LCC4-12-L

GRAY · DIE 29

DIMENSIONS Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



Two-hole, short / standard barrel

Two-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

3 AWG

26.7 mm² · 12 catalog numbers in this size · die color White
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C

ONE HOLE, SHORT / STANDARD BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Pack	Cross-reference
CT-SB314	1/4	0.39	0.28	0.80	1.68	1	Burndy YA2C-L2 · Panduit LCA4-14-L
CT-SB3516	5/16	0.39	0.34	0.80	1.70	1	Burndy YA3CL · Panduit LCA4-56-L
CT-SB338	3/8	0.39	0.41	0.80	1.78	1	Burndy YA2C-L4 · Panduit LCA4-38-L
CT-SB312	1/2	0.39	0.52	0.80	2.08	1	Panduit LCA4-12-L · Blackburn CTL2-12

ONE HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Pack	Cross-reference
CT-LB314	1/4	0.39	0.28	0.90	1.78	1	Burndy YA3CTC14 · ILSICO CLNS-3-14
CT-LB338	3/8	0.39	0.41	0.90	1.88	1	ILSCO CLNS-3-38
CT-LB312	1/2	0.39	0.52	0.90	2.18	1	ILSCO CLNS-3-12

TWO HOLE, SHORT / STANDARD BARREL Inches · A bore, E hole, B barrel, J overall, S c/c

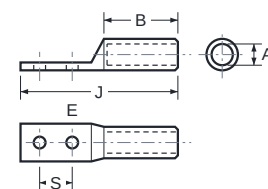
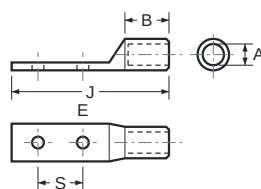
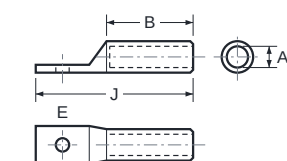
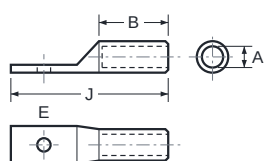
Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Pack	Cross-reference
CT-ST314	1/4	0.39	0.28	0.80	2.30	0.63	1	—
CT-ST3516	5/16	0.39	0.34	0.80	2.33	0.63	1	—
CT-ST338	3/8	0.39	0.41	0.80	2.78	1.00	1	Burndy YA3CL2TC38

TWO HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall, S hole spacing c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Pack	Cross-reference
CT-LT314	1/4	0.39	0.28	0.90	2.40	0.63	1	—
CT-LT338	3/8	0.39	0.41	0.90	2.63	0.75	1	ILSCO CLND-3-38-34

WHITE

DIMENSIONS Inches · A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel

One-hole, long barrel

Two-hole, short / standard barrel

Two-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

2 AWG

33.6 mm² · 23 catalog numbers in this size · die color Brown, die index 33
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C

ONE HOLE, SHORT / STANDARD BARREL

Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-SB210	#10	0.42	0.22	0.80	1.58	33	1	ILSCO CSWS-2-10
CT-SB214	1/4	0.42	0.28	0.80	1.71	33	1	Burndy YA2CL2 · Panduit LCA2-14-Q
CT-SB2516	5/16	0.42	0.34	0.80	1.73	33	1	Burndy YA2CL · Panduit LCA2-56-Q
CT-SB238	3/8	0.42	0.41	0.80	1.81	33	1	Burndy YA2CL4 · Panduit LCA2-38-Q
CT-SB212	1/2	0.42	0.52	0.80	2.11	33	1	Burndy YA2CL6 · Panduit LCA2-12-Q

ONE HOLE, LONG BARREL

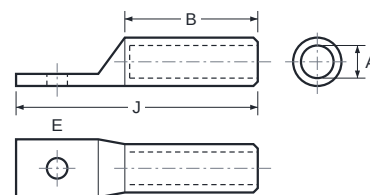
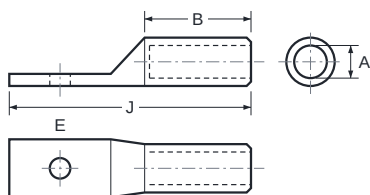
Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-LB210	#10	0.42	0.22	0.97	1.75	33	1	ILSCO CLNS-2-10
CT-LB214	1/4	0.42	0.28	0.97	1.87	33	1	Panduit LCB2-14-Q · ILSCO CLNS-2-14
CT-LB2516	5/16	0.42	0.34	0.97	1.90	33	1	Burndy YA2C · Panduit LCB2-56-Q
CT-LB238	3/8	0.42	0.41	0.97	1.98	33	1	ILSCO CLNS-2-38
CT-LB212	1/2	0.42	0.52	0.97	2.28	33	1	Burndy YA2CN · ILSCO CLNS-2-12

BROWN · DIE 33

DIMENSIONS

Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel

One-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

2 AWG (continued)

TWO HOLE, SHORT / STANDARD BARREL Inches · A bore, E hole, B barrel, J overall, S c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-ST214	1/4	0.42	0.28	0.80	2.26	0.63	33	1	—
CT-ST214B	1/4	0.42	0.28	0.80	2.63	1.00	33	1	Burndy YA2CL2TC14E1
CT-ST2516	5/16	0.42	0.34	0.80	2.36	0.63	33	1	—
CT-ST238	3/8	0.42	0.41	0.80	2.81	1.00	33	1	Burndy YA2CL2TC38
CT-ST212	1/2	0.42	0.52	0.80	3.86	1.75	33	1	Burndy YA2C2LN

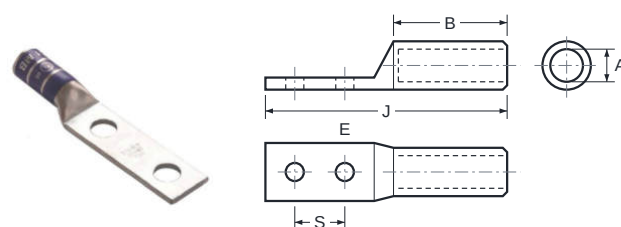
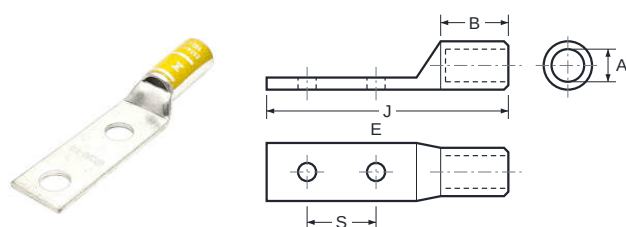
TWO HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall, S hole spacing c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-LT210A	#10	0.42	0.22	0.97	2.50	0.75	33	1	ILSCO CLND-2-10-34
CT-LT214	1/4	0.42	0.28	0.97	2.42	0.63	33	1	—
CT-LT214A	1/4	0.42	0.28	0.97	2.55	0.75	33	1	Burndy YA2C2TC14E2
CT-LT214B	1/4	0.42	0.28	0.97	2.80	1.00	33	1	Burndy YA2C2TC14E1
CT-LT2516	5/16	0.42	0.34	0.97	2.65	0.75	33	1	Burndy YA2C2TC516E2
CT-LT238A	3/8	0.42	0.41	0.97	2.98	1.00	33	1	Burndy YA2C2TC38
CT-LT238B	3/8	0.42	0.41	0.97	3.73	1.75	33	1	Panduit LCC2-38-Q
CT-LT212	1/2	0.42	0.52	0.97	4.03	1.75	33	1	Burndy YA2C2N · Panduit LCC2-12-Q

BROWN · DIE 33

DIMENSIONS

Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



Two-hole, short / standard barrel

Two-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

1 AWG

42.4 mm² · 16 catalog numbers in this size · die color Green, die index 37
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C



ONE HOLE, SHORT / STANDARD BARREL

Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-SB114	1/4	0.46	0.28	0.80	1.71	37	1	Burndy YA1CL2 · Panduit LCA1-14-E
CT-SB1516	5/16	0.46	0.34	0.80	1.73	37	1	Burndy YA1CL · Panduit LCA1-56-E
CT-SB138	3/8	0.46	0.41	0.80	1.81	37	1	Burndy YA1CL4 · Panduit LCA1-38-E
CT-SB112	1/2	0.46	0.52	0.80	2.11	37	1	Burndy YA1CL6 · Panduit LCA1-12-E

ONE HOLE, LONG BARREL

Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-LB114	1/4	0.46	0.28	1.13	2.03	37	1	ILSCO CLNS-1-14
CT-LB138	3/8	0.46	0.41	1.13	2.14	37	1	ILSCO CLNS-1-38
CT-LB112	1/2	0.46	0.52	1.13	2.44	37	1	Burndy YA1CN · ILSCO CLNS-1-12

TWO HOLE, SHORT / STANDARD BARREL

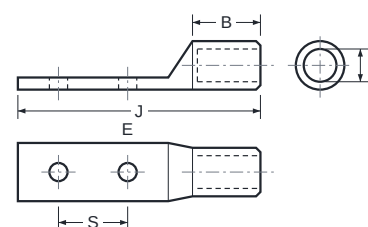
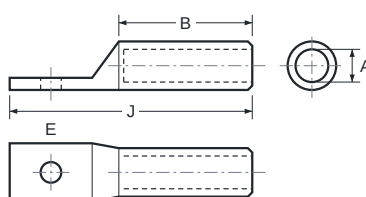
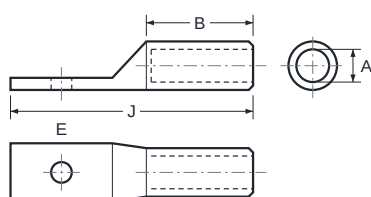
Inches · A bore, E hole, B barrel, J overall, S c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-ST114	1/4	0.46	0.28	0.80	2.33	0.63	37	1	—
CT-ST1516	5/16	0.46	0.34	0.80	2.73	1.00	37	1	ILSCO CSWD-1-516-1
CT-ST138	3/8	0.46	0.41	0.80	2.81	1.00	37	1	Burndy YA1CL2TC38
CT-ST112	1/2	0.46	0.52	0.80	3.86	1.75	37	1	Burndy YA1C2LN

GREEN · DIE 37

DIMENSIONS

Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel

One-hole, long barrel

Two-hole, short / standard barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

1 AWG (continued)

TWO HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall, S hole spacing c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-LT114	1/4	0.46	0.28	1.13	2.66	0.63	37	1	—
CT-LT1516	5/16	0.46	0.34	1.13	2.81	0.75	37	1	Panduit LCC1-56B-E
CT-LT138	3/8	0.46	0.41	1.13	2.89	0.75	37	1	Penn-Union BBLU-1D-2TC38E2
CT-LT138A	3/8	0.46	0.41	1.13	3.14	1.00	37	1	Burndy YA1C2TC38
CT-LT112	1/2	0.46	0.52	1.13	3.26	1.75	37	1	Burndy YA1C2N · Panduit LCC1-12-E

GREEN · DIE 37

1/0 AWG

53.5 mm² · 18 catalog numbers in this size · die color Pink, die index 42
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C

ONE HOLE, SHORT / STANDARD BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

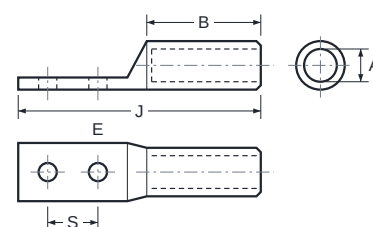
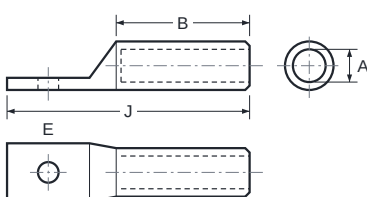
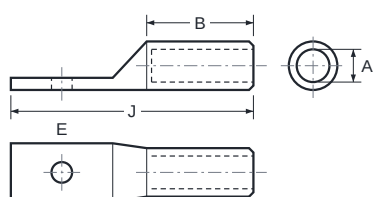
Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-SB1014	1/4	0.51	0.28	0.80	1.78	42	1	Burndy YA25L2 · Panduit LCA1/0-14-X
CT-SB10516	5/16	0.51	0.34	0.80	1.80	42	1	Burndy YA25L · Panduit LCA1/0-56-X
CT-SB1038	3/8	0.51	0.41	0.80	1.88	42	1	Burndy YA25L4 · Panduit LCA1/0-38-X
CT-SB1012	1/2	0.51	0.52	0.80	2.18	42	1	Burndy YA25L6 · Panduit LCA1/0-12-X

PINK · DIE 42

ONE HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-LB1014	1/4	0.51	0.28	1.18	2.15	42	1	ILSCO CLNS-1/0-14
CT-LB10516	5/16	0.51	0.34	1.18	2.18	42	1	Burndy YA25 · Blackburn CTL10L-516
CT-LB1038	3/8	0.51	0.41	1.18	2.26	42	1	Burndy YA25TC38 · T&B 54909BE
CT-LB1012	1/2	0.51	0.52	1.18	2.56	42	1	Burndy YA25N · T&B 54950BE

DIMENSIONS Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel

One-hole, long barrel

Two-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

1/0 AWG (continued)

TWO HOLE, SHORT / STANDARD BARREL Inches · A bore, E hole, B barrel, J overall, S c/c

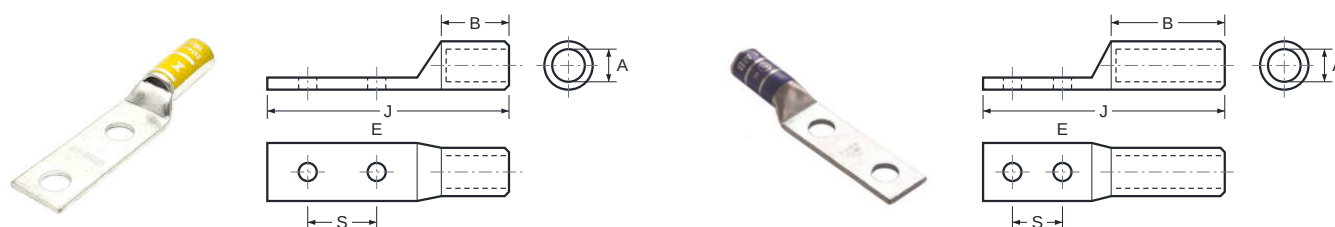
Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-ST1014B	1/4	0.51	0.28	0.80	2.78	1.00	42	1	Burndy YA25L2TC14E1
CT-ST10516	5/16	0.51	0.34	0.80	2.68	0.88	42	1	Burndy YA252L
CT-ST1038	3/8	0.22	0.41	0.80	2.88	1.00	42	1	Burndy YA25L2TC38
CT-ST1012	1/2	0.51	0.52	0.80	3.93	1.75	42	1	Burndy YA252LN

TWO HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall, S hole spacing c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-LT1014	1/4	0.51	0.28	1.18	2.78	0.63	42	1	—
CT-LT1014A	1/4	0.51	0.28	1.18	2.90	0.75	42	1	Burndy YA252TC14E2
CT-LT10516	5/16	0.51	0.34	1.18	3.18	1.00	42	1	Burndy YA252TC516
CT-LT1038	3/8	0.22	0.41	1.18	3.01	0.75	42	1	Penn-Union BBLU-1/0D-2TC38E2
CT-LT1038A	3/8	0.51	0.41	1.18	3.26	1.00	42	1	Burndy YA252TC38
CT-LT1012	1/2	0.51	0.52	1.18	4.31	1.75	42	1	Burndy YA252N

PINK · DIE 42

DIMENSIONS Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



Two-hole, short / standard barrel

Two-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

2/0 AWG

67.4 mm² · 18 catalog numbers in this size · die color Black, die index 45
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C

ONE HOLE, SHORT / STANDARD BARREL

Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-SB2014	1/4	0.56	0.28	0.84	1.82	45	1	Burndy YA26L2 · Panduit LCA2/0-14-X
CT-SB20516	5/16	0.56	0.34	0.84	1.84	45	1	Panduit LCA2/0-56-X
CT-SB2038	3/8	0.56	0.41	0.84	1.92	45	1	Burndy YA26L · Panduit LCA2/0-38-X
CT-SB2012	1/2	0.56	0.52	0.84	2.22	45	1	Burndy YA26L6 · Panduit LCA2/0-12-X
CT-SB2058	5/8	0.56	0.66	0.84	2.34	45	1	—

ONE HOLE, LONG BARREL

Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-LB2014	1/4	0.56	0.28	1.20	2.18	45	1	—
CT-LB20516	5/16	0.56	0.34	1.20	2.20	45	1	—
CT-LB2038	3/8	0.56	0.41	1.20	2.28	45	1	Burndy YA26 · Panduit LCB2/0-38-X
CT-LB2012	1/2	0.56	0.52	1.20	2.58	45	1	Burndy YA26N · T&B 54951BE
CT-LB2058	5/8	0.56	0.66	1.20	2.70	45	1	—

TWO HOLE, SHORT / STANDARD BARREL

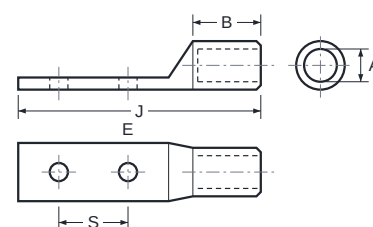
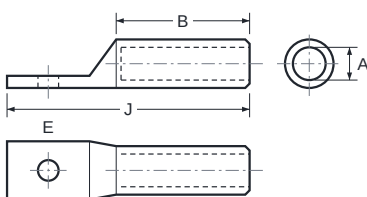
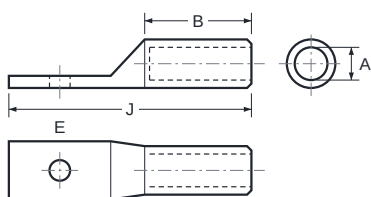
Inches · A bore, E hole, B barrel, J overall, S c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-ST2014B	1/4	0.56	0.28	0.84	2.82	1.00	45	1	Burndy YA26L2TC14E1
CT-ST20516	5/16	0.56	0.34	0.84	2.84	1.00	45	1	ILSCO CSWD-2/0-516-1
CT-ST2038	3/8	0.56	0.41	0.84	2.92	1.00	45	1	Burndy YA26L2TC38
CT-ST2012	1/2	0.56	0.52	0.84	3.97	1.75	45	1	Burndy YA262LN

BLACK · DIE 45

DIMENSIONS

Inches · A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel

One-hole, long barrel

Two-hole, short / standard barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

2/0 AWG (continued)

TWO HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall, S hole spacing c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-LT2014	1/4	0.56	0.28	1.20	2.80	0.63	45	1	—
CT-LT20516	5/16	0.56	0.34	1.20	3.20	1.00	45	1	Panduit LCC2/0-56D-X
CT-LT2038A	3/8	0.56	0.41	1.20	3.28	1.00	45	1	Burndy YA262TC38
CT-LT2012	1/2	0.56	0.52	1.20	3.58	1.00	45	1	Panduit LCC2/0-12D-X

BLACK · DIE 45

3/0 AWG

85.0 mm² · 16 catalog numbers in this size · die color Orange, die index 50
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C

ONE HOLE, SHORT / STANDARD BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

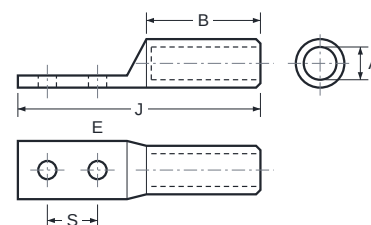
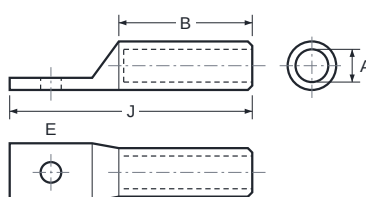
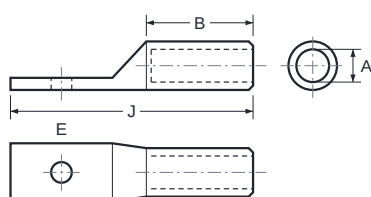
Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-SB3014	1/4	0.62	0.28	0.96	2.04	50	1	Panduit LCA3/0-14-X
CT-SB30516	5/16	0.62	0.34	0.96	2.06	50	1	Burndy YA27L3 · Panduit LCA3/0-56-X
CT-SB3038	3/8	0.62	0.41	0.96	2.14	50	1	Burndy YA27L4 · Panduit LCA3/0-38-X
CT-SB3012	1/2	0.62	0.52	0.96	2.44	50	1	Burndy YA27L · Panduit LCA3/0-12-X

ORANGE · DIE 50

ONE HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-LB3014	1/4	0.62	0.28	1.20	2.28	50	1	—
CT-LB30516	5/16	0.62	0.34	1.20	2.30	50	1	—
CT-LB3038	3/8	0.62	0.41	1.20	2.38	50	1	—
CT-LB3012	1/2	0.62	0.52	1.20	2.68	50	1	Burndy YA27 · Blackburn CTL30L-12

DIMENSIONS Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel

One-hole, long barrel

Two-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

3/0 AWG (continued)

TWO HOLE, SHORT / STANDARD BARREL Inches · A bore, E hole, B barrel, J overall, S c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-ST30516	5/16	0.62	0.34	0.96	3.06	1.00	50	1	Panduit LCD3/0-56D-X
CT-ST3038	3/8	0.62	0.41	0.96	3.14	1.00	50	1	Burndy YA27L2TC38
CT-ST3012	1/2	0.62	0.52	0.96	4.19	1.75	50	1	Burndy YA272LN

TWO HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall, S hole spacing c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-LT3014	1/4	0.62	0.28	1.20	2.90	0.63	50	1	—
CT-LT30516	5/16	0.62	0.34	1.20	3.30	1.00	50	1	ILSCO CLND-3/0-516-1
CT-LT3038	3/8	0.62	0.41	1.20	3.13	0.75	50	1	Penn-Union BBLU-3/0D-2TC38E2
CT-LT3038A	3/8	0.62	0.41	1.20	3.38	1.00	50	1	Burndy YA272TC38
CT-LT3012A	1/2	0.62	0.52	1.20	4.43	1.75	50	1	Burndy YA272N

ORANGE · DIE 50

4/0 AWG

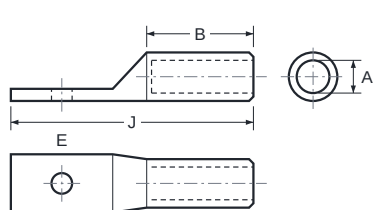
107 mm² · 16 catalog numbers in this size · die color Purple, die index 54
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C

ONE HOLE, SHORT / STANDARD BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

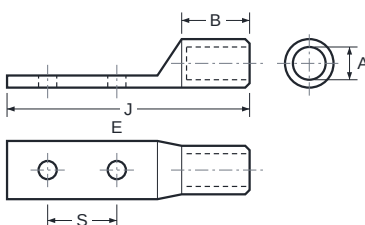
Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-SB4014	1/4	0.69	0.28	1.00	2.08	54	1	Burndy YA28L2 · Panduit LCA4/0-14-X
CT-SB40516	5/16	0.69	0.34	1.00	2.10	54	1	Burndy YA28L3 · Panduit LCA4/0-56-X
CT-SB4038	3/8	0.69	0.41	1.00	2.18	54	1	Burndy YA28L4 · Panduit LCA4/0-38-X
CT-SB4012	1/2	0.69	0.52	1.00	2.48	54	1	Burndy YA28L · Panduit LCA4/0-12-X

PURPLE · DIE 54

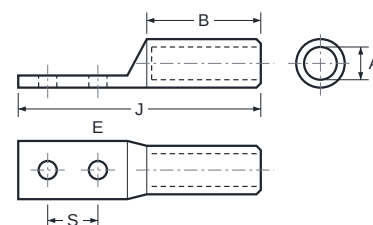
DIMENSIONS Inches · A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel



Two-hole, short / standard barrel



Two-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

4/0 AWG (continued)

ONE HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-LB4014	1/4	0.69	0.28	1.47	2.54	54	1	—
CT-LB40516	5/16	0.69	0.34	1.47	2.57	54	1	—
CT-LB4038	3/8	0.69	0.41	1.47	2.65	54	1	—
CT-LB4012	1/2	0.69	0.52	1.47	2.95	54	1	Burndy YA28 · Panduit LCB4/0-12-X

TWO HOLE, SHORT / STANDARD BARREL Inches · A bore, E hole, B barrel, J overall, S c/c

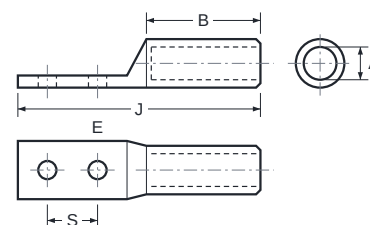
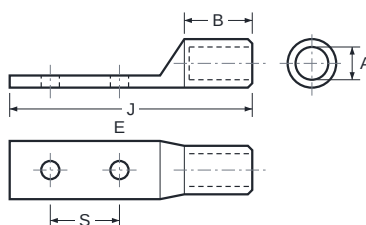
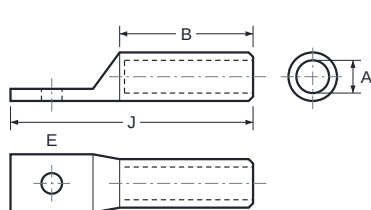
Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-ST4014	1/4	0.69	0.28	1.00	2.83	0.75	54	1	Burndy YA28L2TC14E2
CT-ST40516	5/16	0.69	0.34	1.00	3.10	1.00	54	1	ILSCO CSWD-4/0-516-1
CT-ST4038	3/8	0.69	0.41	1.00	3.18	1.00	54	1	Burndy YA28L2TC38
CT-ST4012	1/2	0.69	0.52	1.00	4.23	1.75	54	1	Burndy YA282LN

TWO HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall, S hole spacing c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-LT4014	1/4	0.69	0.28	1.47	3.17	0.63	54	1	—
CT-LT40516	5/16	0.69	0.34	1.47	3.57	1.00	54	1	Panduit LCC4/0-56D-X
CT-LT4038B	3/8	0.69	0.41	1.47	4.40	1.75	54	1	Burndy YA282NTC38
CT-LT4012A	1/2	0.69	0.52	1.47	4.70	1.75	54	1	Burndy YA282N

PURPLE · DIE 54

DIMENSIONS Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, long barrel

Two-hole, short / standard barrel

Two-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

250 kcmil

127 mm² · 18 catalog numbers in this size · die color Yellow, die index 62
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C



ONE HOLE, SHORT / STANDARD BARREL

Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-SB25014	1/4	0.75	0.28	1.10	2.18	62	1	Burndy YA29L2 · Panduit LCA250-14-X
CT-SB250516	5/16	0.75	0.34	1.10	2.20	62	1	Panduit LCA250-56-X
CT-SB25038	3/8	0.75	0.41	1.10	2.28	62	1	Burndy YA29L4 · Panduit LCA250-38-X
CT-SB25012	1/2	0.75	0.52	1.10	2.58	62	1	Burndy YA29L · Panduit LCA250-12-X
CT-SB25058	5/8	0.75	0.66	1.10	2.70	62	1	—
CT-SB25078	7/8	0.75	0.91	1.10	2.90	62	1	Burndy YA29LTC78

ONE HOLE, LONG BARREL

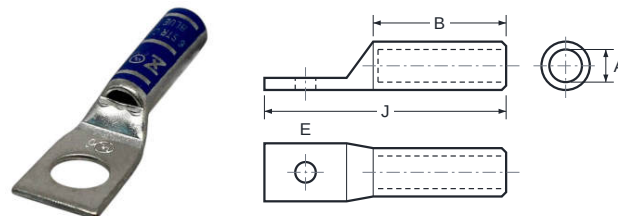
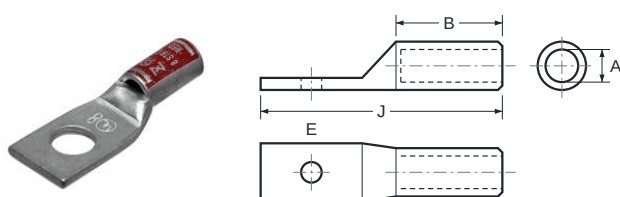
Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-LB25014	1/4	0.75	0.28	1.58	2.65	62	1	—
CT-LB250516	5/16	0.75	0.34	1.58	2.68	62	1	—
CT-LB25038	3/8	0.75	0.41	1.58	2.76	62	1	—
CT-LB25012	1/2	0.75	0.52	1.58	3.06	62	1	Burndy YA29 · Blackburn CTL250L-12
CT-LB25058	5/8	0.75	0.66	1.58	3.18	62	1	—
CT-LB25078	7/8	0.75	0.91	1.58	3.38	62	1	—

YELLOW · DIE 62

DIMENSIONS

Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel

One-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

250 kcmil (continued)

TWO HOLE, SHORT / STANDARD BARREL Inches · A bore, E hole, B barrel, J overall, S c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-ST25014	1/4	0.75	0.28	1.10	2.93	0.75	62	1	ILSCO CSWD-250-14-34
CT-ST25038	3/8	0.75	0.41	1.10	3.28	1.00	62	1	Burndy YA29L2TC38
CT-ST25012	1/2	0.75	0.52	1.10	4.33	1.75	62	1	Burndy YA292LN

TWO HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall, S hole spacing c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-LT25014	1/4	0.75	0.28	1.58	3.40	0.75	62	1	ILSCO CLND-250-14-34
CT-LT25038	3/8	0.75	0.41	1.58	3.76	1.00	62	1	Burndy YA292TC38
CT-LT25012A	1/2	0.75	0.52	1.58	4.81	1.75	62	1	Burndy YA292N

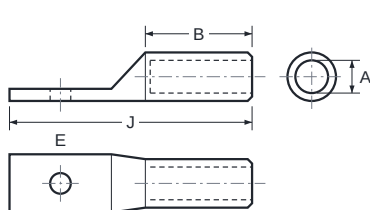
300 kcmil

152 mm² · 7 catalog numbers in this size · die color White, die index 66
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C

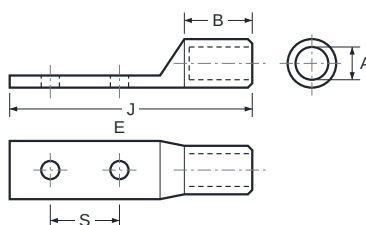
ONE HOLE, SHORT / STANDARD BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
210-09807	5/16	0.82	0.34	1.06	2.90	66	1	Panduit LCA300-56-X
CT-SB30038	3/8	0.82	0.41	1.10	2.50	66	1	Burndy YA30L24 · Panduit LCA300-38-X
CT-SB30012	1/2	0.82	0.52	1.10	2.63	66	1	Burndy YA30L · Panduit LCA300-12-X
210-09809	5/8	0.82	0.66	1.06	2.90	66	1	Burndy YA30L7 · Panduit LCA300-58-X

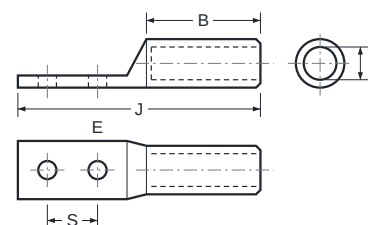
DIMENSIONS Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel



Two-hole, short / standard barrel



Two-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

YELLOW · DIE 62

WHITE · DIE 66

300 kcmil (continued)

ONE HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-LB30038	3/8	0.82	0.41	1.90	3.30	66	1	—
CT-LB30012	1/2	0.82	0.52	1.90	3.30	66	1	Burndy YA30 · Blackburn CTL300L-12

TWO HOLE, SHORT / STANDARD BARREL Inches · A bore, E hole, B barrel, J overall, S c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-ST30012	1/2	0.82	0.52	1.10	4.30	66	1	—

WHITE · DIE 66

350 kcmil

177 mm² · 7 catalog numbers in this size · die color Red, die index 71
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C

ONE HOLE, SHORT / STANDARD BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

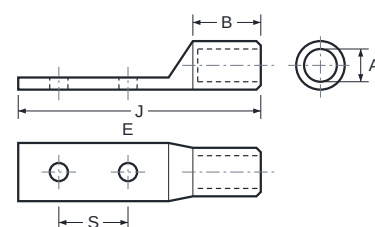
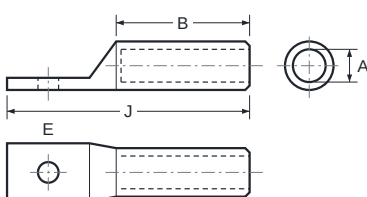
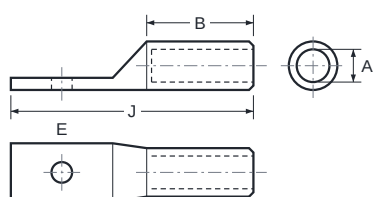
Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-SB35038	3/8	0.88	0.41	1.26	2.91	71	1	Burndy YA31L11 · Panduit LCA350-38-X
CT-SB35012	1/2	0.88	0.52	1.26	2.91	71	1	Burndy YA31L · Panduit LCA350-12-X

ONE HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-LB35038	3/8	0.88	0.41	2.20	3.85	71	1	—
CT-LB35012	1/2	0.88	0.52	2.20	3.85	71	1	Burndy YA31 · Blackburn CTL350L-12

RED · DIE 71

DIMENSIONS Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel

One-hole, long barrel

Two-hole, short / standard barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

350 kcmil (continued)

TWO HOLE, SHORT / STANDARD BARREL Inches · A bore, E hole, B barrel, J overall, S c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
210-98058A	3/8	0.88	0.41	1.06	3.62	71	1	—
CT-ST35012	1/2	0.88	0.52	1.26	4.46	71	1	—

TWO HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall, S hole spacing c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-LTM35012	1/2	0.88	0.52	2.20	5.45	1.75	71	1	Burndy YA312N

400 kcmil

203 mm² · 5 catalog numbers in this size · die color Blue, die index 76
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C

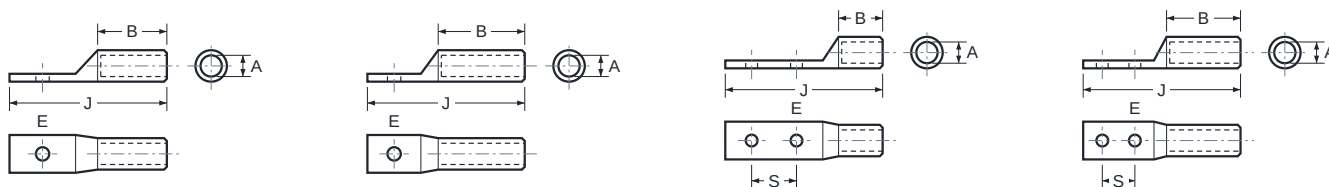
ONE HOLE, SHORT / STANDARD BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-SB40038	3/8	0.94	0.41	1.26	3.01	76	1	Burndy YA32L14 · Panduit LCA400-38-6
CT-SB40012	1/2	0.94	0.52	1.26	3.01	76	1	Panduit LCA400-12-6

ONE HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-LB40012	1/2	0.94	0.52	2.00	3.75	76	1	Burndy YA32N · T&B 54916BE

DIMENSIONS Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel

One-hole, long barrel

Two-hole, short / standard barrel

Two-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

400 kcmil (continued)

TWO HOLE, SHORT / STANDARD BARREL Inches · A bore, E hole, B barrel, J overall, S c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
210-98059	1/2	0.94	0.52	1.19	4.86	76	1	—

TWO HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall, S hole spacing c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
210-98107	1/2	0.94	0.52	2.12	5.79	0.75	76	1	—

BLUE · DIE 76

500 kcmil

253 mm² · 8 catalog numbers in this size · die color Brown, die index 87
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C

ONE HOLE, SHORT / STANDARD BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

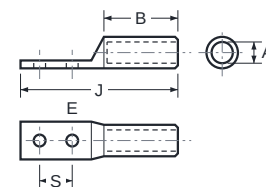
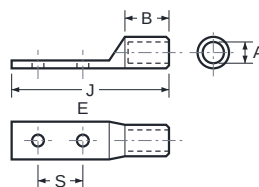
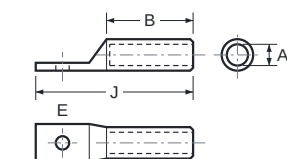
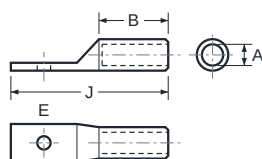
Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-SB50038	3/8	1.06	0.41	1.45	3.30	87	1	Burndy YA34L37 · Panduit LCA500-38-6
CT-SB50012	1/2	1.06	0.52	1.45	3.30	87	1	Burndy YA34L6 · Panduit LCA500-12-6
CT-SB50058	5/8	1.06	0.66	1.45	3.30	87	1	Burndy YA34L · Panduit LCA500-58-6

ONE HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-LB50012	5/8	1.06	0.52	2.25	4.10	87	1	Burndy YA34 · Blackburn CTL500L-58

BROWN · DIE 87

DIMENSIONS Inches · A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel

One-hole, long barrel

Two-hole, short / standard barrel

Two-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

500 kcmil (continued)

TWO HOLE, SHORT / STANDARD BARREL Inches · A bore, E hole, B barrel, J overall, S c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
210-98060A	3/8	1.06	0.41	1.30	3.97	87	1	—
CT-ST50012	1/2	1.06	0.52	1.45	4.80	87	1	—

TWO HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall, S hole spacing c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
210-98108A	3/8	1.06	0.41	2.25	4.92	1.75	87	1	—
CT-LTM50012	1/2	1.06	0.52	2.20	5.55	1.75	87	1	Burndy YA342N

600 kcmil

304 mm² · 6 catalog numbers in this size · die color Green, die index 94
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C

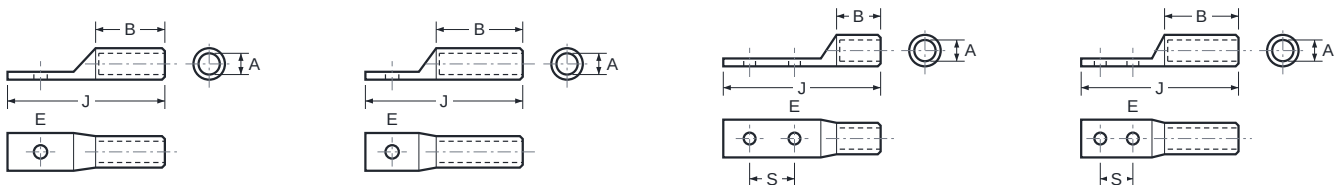
ONE HOLE, SHORT / STANDARD BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-SB60012	1/2	1.19	0.52	1.55	3.63	94	1	Burndy YA36L11 · Panduit LCA600-12-6
CT-SB60058	5/8	1.19	0.66	1.55	3.63	94	1	Burndy YA36L · Panduit LCA600-58-6

ONE HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-LB60012	1/2	1.19	0.52	2.35	4.43	94	1	Burndy YA36N · T&B 54921BE

DIMENSIONS Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel

One-hole, long barrel

Two-hole, short / standard barrel

Two-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

BROWN · DIE 87

GREEN · DIE 94

600 kcmil (continued)

TWO HOLE, SHORT / STANDARD BARREL Inches · A bore, E hole, B barrel, J overall, S c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
210-98061	3/8	1.19	0.41	1.38	5.18	94	1	—
CT-ST60012	1/2	1.19	0.52	1.55	4.98	94	1	—

TWO HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall, S hole spacing c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
CT-LTM60012	1/2	1.19	0.52	2.50	6.05	1.75	94	1	Burndy YA362N

GREEN · DIE 94

750 kcmil

380 mm² · 7 catalog numbers in this size · die color Black, die index 106
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C

ONE HOLE, SHORT / STANDARD BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

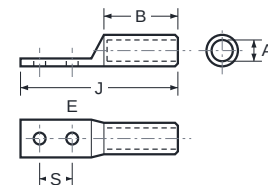
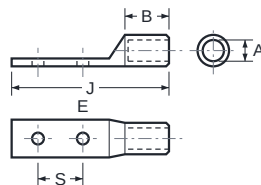
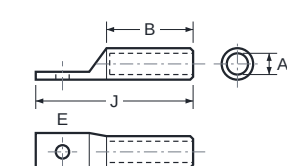
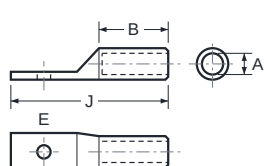
Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-SB75038	3/8	1.30	0.41	1.75	4.03	106	1	ILSCO CSWS-750-38
CT-SB75012	1/2	1.30	0.52	1.75	4.03	106	1	Burndy YA39L6 · ILSCO CSWS-750-12
CT-SB75058	5/8	1.30	0.66	1.75	4.03	106	1	Burndy YA39L · Panduit LCA750-58-6

ONE HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-LB75012	1/2	1.30	0.52	2.50	4.78	106	1	Burndy YA39N · T&B 54922BE

BLACK · DIE 106

DIMENSIONS Inches · A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel

One-hole, long barrel

Two-hole, short / standard barrel

Two-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversionstech.com and in the cross-reference index.

750 kcmil (continued)

TWO HOLE, SHORT / STANDARD BARREL Inches · A bore, E hole, B barrel, J overall, S c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Die	Pack	Cross-reference
CT-ST75012	1/2	1.30	0.52	1.75	5.23	106	1	—

TWO HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall, S hole spacing c/c

Catalog no.	Stud	A bore	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
210-98110A	3/8	1.30	0.41	2.88	5.71	1.00	106	1	Burndy YA392TC38
CT-LTM75012	1/2	1.30	0.52	2.95	6.80	1.75	106	1	Burndy YA392N

1000 kcmil

507 mm² · 6 catalog numbers in this size · die color Purple, die index 125
Electrolytic copper, electro tin plated · cULus Listed UL 486A-486B · 90 °C

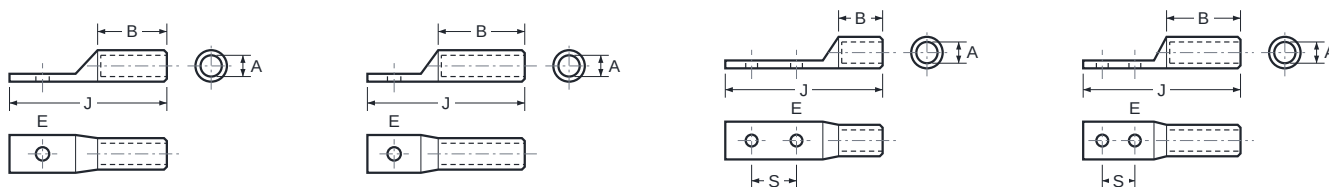
ONE HOLE, SHORT / STANDARD BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	E hole	B barrel	J overall	Die	Pack	Cross-reference
210-98043C	1/2	0.52	1.62	4.09	125	1	Burndy YA44L2 · ILSCO CSWS-1000-12
210-98043B	5/8	0.66	1.62	4.09	125	1	Burndy YA44L · Blackburn CTL1000-58
210-F98043B	5/8	0.66	1.62	4.09	125	1	Burndy YA44L · Blackburn CTL1000-58

ONE HOLE, LONG BARREL Inches, see diagrams below · A bore, E stud hole, B barrel, J overall

Catalog no.	Stud	E hole	B barrel	J overall	Die	Pack	Cross-reference
210-98082B	1/2	0.52	3.00	5.28	125	1	—
210-98082C	5/8	0.66	3.00	5.28	125	1	Burndy YA44 · Blackburn CTL1000L-58

DIMENSIONS Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



One-hole, short / standard barrel

One-hole, long barrel

Two-hole, short / standard barrel

Two-hole, long barrel

Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.

1000 kcmil (continued)

TWO HOLE, SHORT / STANDARD BARREL Inches · A bore, E hole, B barrel, J overall, S c/c

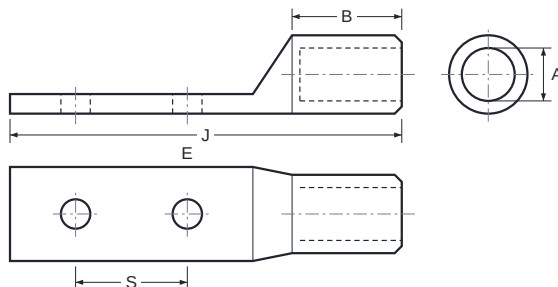
PURPLE

Catalog no.	Stud	E hole	B barrel	J overall	Hole c/c	Die	Pack	Cross-reference
210-98110b	1/2	0.52	3.00	7.03	1.75	125	1	Blackburn CTL10002



Application: compression lugs landed on panelboard and switchgear bus.

DIMENSIONS Inches. A conductor bore · E stud hole · B barrel length · J overall · S hole spacing c/c · G flag offset



Two-hole, short / standard barrel

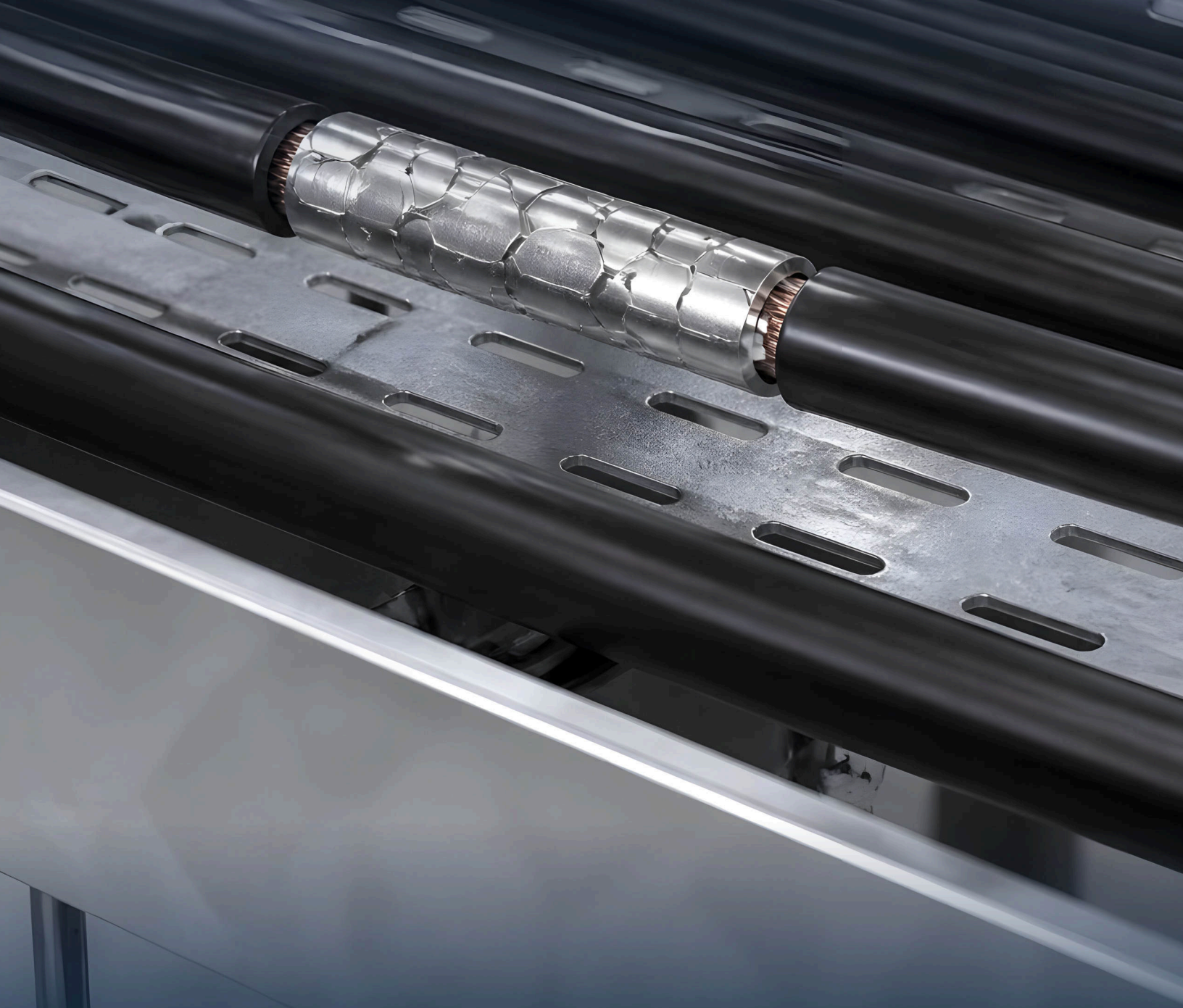
Catalog numbers may replace an earlier Conversions Tech number; earlier and competitor numbers are searchable at conversiontech.com and in the cross-reference index.



SECTION 02 · WHERE IT INSTALLS

02 | Compression Sleeves and Butt Splices

Permanent in-line joints for copper feeders in tray, conduit and underground runs.

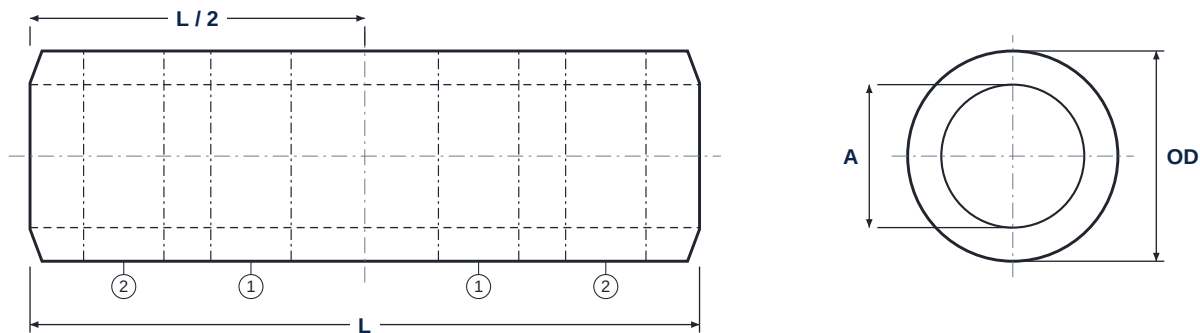


02 Compression Sleeves and Butt Splices

Permanent in-line joints for copper conductors, short and long barrel, with matching die index.



LIVE STOCK AND PRICING



Side elevation, bore hidden. Balloons: crimp order, center out.

End view

Dimensioned drawing. Catalog numbers and dimensions begin on page 40.

WHERE IT INSTALLS

- Wireway and trough systems
- Industrial and utility in-line splices
- Medium-voltage feeder joints
- Direct-burial and vault splices when insulated

HOW TO SPECIFY

- Filed by conductor size, smallest to largest, with the die color band on the page edge.
- Dimensions: L overall length, A inner diameter (conductor bore), OD outer diameter, wall thickness.
- Short and long barrel, as on the web store. Crimp from the center outward; the die index is embossed in every crimp.
- The die index and tool cross-reference (Burndy, ILSCO, T&B, Milwaukee) follows the splice tables.
- Insulate with heat-shrink or tape to the cable rating.

ALSO SEE Section 01 compression lugs · Insulated inline splices and taps: conversionstech.com/collections/insulated-splices

Compression splices by conductor size

Electrolytic copper (E-Cu) tube, electro tin plated, chamfered at both mouths. Crimp from the center outward, with the crimp count marked for the die. Where the table lists a center wire stop, both conductors seat to the same depth; on the others, mark half the length $L / 2$ on each conductor before inserting. Match the die index to the conductor, not to the splice length.

6 AWG

13.3 mm² · die color Blue, die index 24 · 1 catalog number
Electrolytic copper, electro tin plated

Catalog no.	Barrel	L overall	A inner dia.	OD	Wall	Wire stop	Die	Cross-reference
210-98112	Short / Std	1.750	0.225	0.320	0.048	Center	24	Burndy YS6C-L · Panduit SCS6

4 AWG

21.2 mm² · die color Gray, die index 29 · 2 catalog numbers
Electrolytic copper, electro tin plated

Catalog no.	Barrel	L overall	A inner dia.	OD	Wall	Wire stop	Die	Cross-reference
210-98113	Short / Std	1.875	0.250	0.343	0.047	Center	29	Burndy YS4C-L · Panduit SCS4
210-98129	Long	2.375	—	—	—	—	29	Burndy YS4C · Blackburn CU4

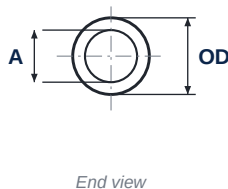
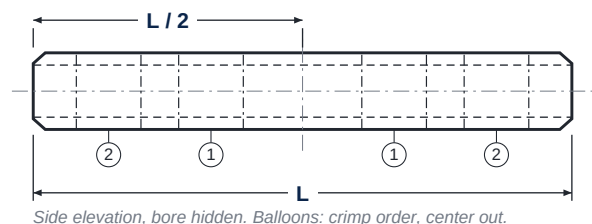
3 AWG

26.7 mm² · die color White · 1 catalog number
Electrolytic copper, electro tin plated

Catalog no.	Barrel	L overall	A inner dia.	OD	Wall	Wire stop	Die	Cross-reference
212-5003	Long	2.375	0.275	0.375	0.050	Center	—	Burndy YS2C · Blackburn CU2

DIMENSIONS

Inches. L overall length · A bore (conductor) · OD outside diameter · wall = (OD - A) / 2



CRIMPING A SPLICE

- Seat each conductor to the center stop; both ends visible at the stop.
- Use the die for the conductor size; the color band and code match the table row.
- Crimp from the center stop outward on each side, full tool bypass on every crimp.
- Read the embossed die code on every crimp; insulate to the cable rating.

Catalog numbers in this book may replace an earlier Conversions Tech number. Earlier numbers and competitor part numbers are searchable at conversionstech.com and in the cross-reference index; application engineering confirms any cross before approval.

2 AWG

33.6 mm² · die color Brown, die index 33 · 2 catalog numbers
Electrolytic copper, electro tin plated

Catalog no.	Barrel	L overall	A inner dia.	OD	Wall	Wire stop	Die	Cross-reference
210-98114	Short / Std	1.875	0.312	0.421	0.054	Center	33	Burndy YS2C-L · Panduit SCS2
212-5002	Long	2.500	0.343	0.469	0.063	Center	33	Burndy YS2C · Blackburn CU2



1 AWG

42.4 mm² · die color Green, die index 37 · 2 catalog numbers
Electrolytic copper, electro tin plated

Catalog no.	Barrel	L overall	A inner dia.	OD	Wall	Wire stop	Die	Cross-reference
210-98115	Short / Std	1.875	0.359	0.468	0.055	Center	37	Burndy YS1C-L · Panduit SCS1
212-5001	Long	2.500	0.390	0.500	0.055	Center	37	Burndy YS1C · Blackburn CU1



1/0 AWG

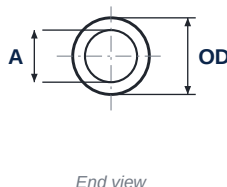
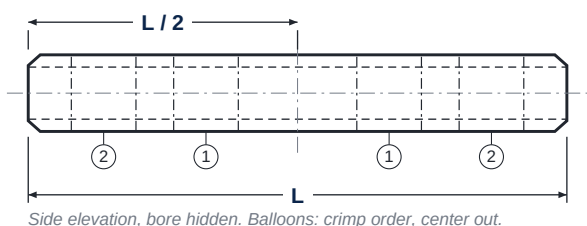
53.5 mm² · die color Pink, die index 42 · 2 catalog numbers
Electrolytic copper, electro tin plated

Catalog no.	Barrel	L overall	A inner dia.	OD	Wall	Wire stop	Die	Cross-reference
210-98116	Short / Std	1.875	0.390	0.515	0.062	Center	42	Burndy YS25-L · Panduit SCS1/0
212-5010	Long	2.750	0.390	0.515	0.062	Center	42	Burndy YS25 · Panduit SCL1/0



DIMENSIONS

Inches. L overall length · A bore (conductor) · OD outside diameter · wall = (OD - A) / 2



CRIMPING A SPLICE

- Seat each conductor to the center stop; both ends visible at the stop.
- Use the die for the conductor size; the color band and code match the table row.
- Crimp from the center stop outward on each side, full tool bypass on every crimp.
- Read the embossed die code on every crimp; insulate to the cable rating.

Catalog numbers in this book may replace an earlier Conversions Tech number. Earlier numbers and competitor part numbers are searchable at conversiontech.com and in the cross-reference index; application engineering confirms any cross before approval.

2/0 AWG

67.4 mm² · die color Black, die index 45 · 2 catalog numbers
Electrolytic copper, electro tin plated

Catalog no.	Barrel	L overall	A inner dia.	OD	Wall	Wire stop	Die	Cross-reference
210-98117	Short / Std	2.000	0.437	0.562	0.063	Center	45	Burndy YS26-L · Panduit SCS2/0
212-5020	Long	3.210	—	—	—	Center	45	Burndy YS26 · Panduit SCL2/0

3/0 AWG

85.0 mm² · die color Orange, die index 50 · 2 catalog numbers
Electrolytic copper, electro tin plated

Catalog no.	Barrel	L overall	A inner dia.	OD	Wall	Wire stop	Die	Cross-reference
210-98134	Long	3.125	0.484	0.609	0.062	Center	50	Burndy YS27 · Panduit SCL3/0
212-5030	Long	2.750	0.480	0.625	0.073	Center	50	Burndy YS27 · Panduit SCL3/0

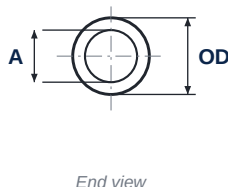
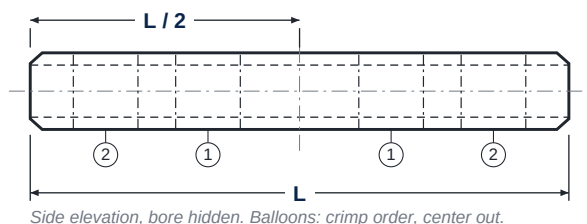
4/0 AWG

107 mm² · die color Purple, die index 54 · 2 catalog numbers
Electrolytic copper, electro tin plated

Catalog no.	Barrel	L overall	A inner dia.	OD	Wall	Wire stop	Die	Cross-reference
210-98119	Short / Std	2.125	0.546	0.687	0.071	Center	54	Burndy YS28-L · Panduit SCS4/0
212-5040	Long	3.000	0.546	0.687	0.071	Center	54	Burndy YS28 · Panduit SCL4/0

DIMENSIONS

Inches. L overall length · A bore (conductor) · OD outside diameter · wall = (OD - A) / 2



CRIMPING A SPLICE

- Seat each conductor to the center stop; both ends visible at the stop.
- Use the die for the conductor size; the color band and code match the table row.
- Crimp from the center stop outward on each side, full tool bypass on every crimp.
- Read the embossed die code on every crimp; insulate to the cable rating.

Catalog numbers in this book may replace an earlier Conversions Tech number. Earlier numbers and competitor part numbers are searchable at conversionstech.com and in the cross-reference index; application engineering confirms any cross before approval.

250 kcmil

127 mm² · die color Yellow, die index 62 · 1 catalog number
Electrolytic copper, electro tin plated

Catalog no.	Barrel	L overall	A inner dia.	OD	Wall	Wire stop	Die	Cross-reference
212-5250	Long	3.875	0.590	0.750	0.080	Center	62	Burndy YS29 · Panduit SCL250

300 kcmil

152 mm² · die color White, die index 66 · 1 catalog number
Electrolytic copper, electro tin plated

Catalog no.	Barrel	L overall	A inner dia.	OD	Wall	Wire stop	Die	Cross-reference
210-98137	Long	4.125	0.660	0.812	0.076	Center	66	Burndy YS30 · Blackburn CU300

400 kcmil

203 mm² · die color Blue, die index 76 · 1 catalog number
Electrolytic copper, electro tin plated

Catalog no.	Barrel	L overall	A inner dia.	OD	Wall	Wire stop	Die	Cross-reference
210-98139	Long	4.375	0.750	0.937	0.094	Center	76	Burndy YS32 · Blackburn CU400

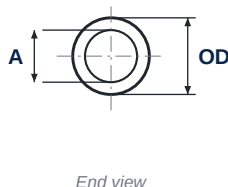
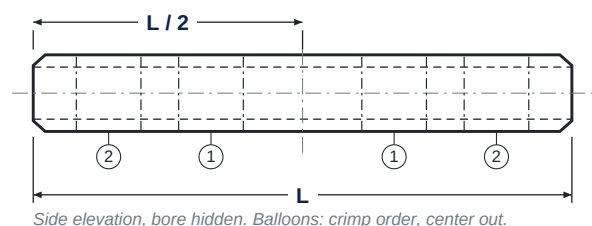
750 kcmil

380 mm² · die color Black, die index 106 · 1 catalog number
Electrolytic copper, electro tin plated

Catalog no.	Barrel	L overall	A inner dia.	OD	Wall	Wire stop	Die	Cross-reference
210-98126	Short / Std	3.375	1.031	1.313	0.141	Center	106	Burndy YS39-L · Panduit SCS750

DIMENSIONS

Inches. L overall length · A bore (conductor) · OD outside diameter · wall = (OD - A) / 2



CRIMPING A SPLICE

- Seat each conductor to the center stop; both ends visible at the stop.
- Use the die for the conductor size; the color band and code match the table row.
- Crimp from the center stop outward on each side, full tool bypass on every crimp.
- Read the embossed die code on every crimp; insulate to the cable rating.

Catalog numbers in this book may replace an earlier Conversions Tech number. Earlier numbers and competitor part numbers are searchable at conversionstech.com and in the cross-reference index; application engineering confirms any cross before approval.

Die index and tool cross-reference

Every copper compression lug and splice in this book crimps with the color-keyed 12-ton U-die for its conductor size. The die embosses its code in the finished crimp, so an inspector reads the size off the connector. Colors agree across makers at every size but 3 AWG; die numbers do not, so each maker's die is listed.

Conductor	mm ²	Color	Code	CT die	Burndy U-die (index)	T&B 12-14 t hex	ILSCO	Panduit CD-920	Milwaukee
10 AWG	5.26	—	—	—	—	—	—	—	—
8 AWG	8.37	Red 	21	CTTY-8AWG	U8CRT (49, Red)	15520SS	ILD-21	CD-920-8 (P21)	49-12-U008C
6 AWG	13.3	Blue 	24	CTTY-6AWG	U5CRT (7, Blue)	15522SS	ILD-24-1	CD-920-6 (P24)	49-12-U006C
4 AWG	21.2	Gray 	29	CTTY-4AWG	U4CRT (8, Gray)	15527SS	ILD-29 (also #3)	CD-920-4 (P29)	49-12-U004C
3 AWG	26.7	Brown 	33	CTTY-3AWG	U3CRT (9, White)	15528SS	ILD-29 (also #4)	—	—
2 AWG	33.6	Brown 	33	CTTY-2AWG	U2CRT (10, Brown)	15528SS	ILD-33	CD-920-2 (P33)	49-12-U002C
1 AWG	42.4	Green 	37	CTTY-1AWG	U1CRT1 (11, Green)	15513SS	ILD-37	CD-920-1 (P37)	49-12-U001C
1/0 AWG	53.5	Pink 	42	CTTY-10AWG	U25RT (12, Pink)	15508SS	ILD-42	CD-920-1/0 (P42)	49-12-U01AC
2/0 AWG	67.4	Black 	45	—	U26RT (13, Black)	15526SS	ILD-45	CD-920-2/0 (P45)	49-12-U02AC
3/0 AWG	85.0	Orange 	50	—	U27RT (14, Orange)	15530SS	ILD-50	CD-920-3/0 (P50)	49-12-U03AC
4/0 AWG	107	Purple 	54	CTTY-40AWG	U28RT (15, Purple)	15511SS	ILD-54	CD-920-4/0 (P54)	49-12-U04AC
250 kcmil	127	Yellow 	62	—	U29RT (16, Yellow)	15510SS	ILD-62	CD-920-250 (P62)	49-12-U250C
300 kcmil	152	White 	66	—	U30RT (17, White)	15534SS	ILD-66	CD-920-300 (P66)	49-12-U300C
350 kcmil	177	Red 	71	—	U31RT (18, Red)	15514SS	ILD-71	CD-920-350 (P71)	49-12-U350C
400 kcmil	203	Blue 	76	—	U32RT (19, Blue)	15512SS	ILD-76	CD-920-400 (P76)	49-12-U400C
500 kcmil	253	Brown 	87	—	U34RT (20, Brown)	15506SS	ILD-87	CD-920-500 (P87)	49-12-U500C
600 kcmil	304	Green 	94	—	U36RT (22, Green)	15536SS	ILD-94	CD-920-600 (P94)	49-12-U600C
750 kcmil	380	Black 	106	—	U39RT (24, Black)	15515SS	ILD-106	CD-920-750 (P106)	49-12-U750C
800 kcmil	405	Orange 	107	—	—	15540SS	—	—	—
1000 kcmil	507	—	125	—	—	—	ILD-125	—	—

Code: the color-keyed die number used by T&B, ILSCO (ILD-) and Panduit (P). Burndy numbers its U-dies separately, shown in brackets. 3 AWG: Burndy marks White 9, the color-keyed makers Brown 33 (the 2 AWG die). 10 AWG: no 12-ton U-die is published by these makers. T&B 155xxSS dies are 12-14 ton hexagon dies for the T&B TBM14CR tool, listed by code; they are not U-dies. 1000 kcmil: ILSCO ILD-125 is the only published 12-ton U-die. CT single U-dies fit any standard 12-ton crimper; the 19-piece kit CTCDIEKIT is sold for 8 AWG to 1000 kcmil.

CRIMPING PROCEDURE

- Strip to the barrel depth; do not nick strands. Wire brush aluminum and apply inhibitor.
- Seat the conductor to the stop (lugs) or the center stop (splices).
- Pick the die by conductor size and color, never by connector length.
- Crimp the number of times marked on the barrel, tongue end first, each to full tool bypass.
- Read the embossed code. A missing or partial number is a reject.

TOOLS

- PowerProFlex12T battery: 12-ton U-die head, 8 AWG to 750 kcmil. ProCrimp12T manual: 8 AWG to 500 kcmil copper, 750 kcmil aluminum.
- PRO6000: 12-ton battery crimp and cut in one tool.
- Three-year warranty on every CT crimper and die.
- Application engineering confirms the die for compact or Class C conductors: (307) 206-0534.

Crimping tools and dies

One tool family for the whole compression line. All three crimpers take the standard 12-ton U-die, so the U-style dies a shop already holds fit the head. Every connector in the compression sections lists its die color and index, and the next two pages compare the tools and answer the questions buyers ask.



PowerProFlex12T BATTERY CRIMPER, 12 TON

- 12 ton, 8 AWG to 750 kcmil copper and aluminum
- 18 V lithium-ion battery hydraulic
- 360° rotating head
- Standard 12-ton U-dies
- Three-year warranty



ProCrimp12T MANUAL CRIMPER, 12 TON

- 12 ton manual hydraulic
- Copper 8 AWG to 500 kcmil, aluminum to 750 kcmil
- Standard 12-ton U-dies
- Three-year warranty



PRO6000 CRIMPER AND CUTTER, 2-IN-1

- Crimping and cutting heads on one 18 V tool
- Crimps 6 AWG to 750 kcmil, 12 ton
- Cuts Cu and Al cable to 1-1/8 in
- Two batteries, charger, dies, case
- Three-year warranty



CTCDIEKIT U-DIE KIT, 19 PIECES

- 19 dies, 8 AWG to 1000 kcmil, color coded
- Standard 12-ton U form
- Steel case
- Three-year warranty

SINGLE U-DIES BY INDEX

Catalog no.	Conductor	Die index	Color	Fits
CTTY-8AWG	8 AWG	21	Red	12-ton U heads
CTTY-6AWG	6 AWG	24	Blue	12-ton U heads
CTTY-4AWG	4 AWG	29	Gray	12-ton U heads
CTTY-3AWG	3 AWG	33	Brown	12-ton U heads
CTTY-2AWG	2 AWG	33	Brown	12-ton U heads
CTTY-1AWG	1 AWG	37	Green	12-ton U heads
CTTY-10AWG	1/0 AWG	42	Pink	12-ton U heads
CTTY-40AWG	4/0 AWG	54	Purple	12-ton U heads
CTTY-750	750 kcmil	106	Black	12-ton U heads

Other indexes (45, 50, 62, 66, 71, 76, 87, 94, 125) come in the kit or to order.

SPECIFYING THE TOOL

- Match the die to the conductor size and color, never to the connector length.
- Battery tool for production crews and switchgear work; manual tool for trucks and maintenance.
- The listing covers the connector crimped with the tooling its manufacturer names; see Questions buyers ask.
- Tools, dies and connectors ship together on one order and one trade account.
- Three-year warranty on every crimper and die. Tool questions: (307) 206-0534.

How our crimp tools compare

Side by side with the 12-ton tools crews already know, on the facts each manufacturer publishes. Same force class, same die form, a fraction of the price, and the only 12-ton battery tool here that also cuts the cable.

	CONVERSIONS TECH PowerProFlex12T	CONVERSIONS TECH PRO6000	CONVERSIONS TECH ProCrimp12T	BURNDY PAT750LI	BURNDY Y750HSXT	MILWAUKEE 2779-20
Type	Battery hydraulic	Battery, crimp + cut	Manual hydraulic	Battery hydraulic	Manual hydraulic	Battery hydraulic
Crimp force	12 ton	12 ton	12 ton	12 ton	12 ton	12-ton U dies
Dies	Standard 12-ton U	Standard 12-ton U	Standard 12-ton U	Burndy U	Burndy U	Milwaukee EXACT U
Copper range	8 AWG–750 kcmil	6 AWG–750 kcmil	8 AWG–500 kcmil	14 AWG–750 kcmil	14 AWG–750 kcmil	8 AWG–750 kcmil
Aluminum range	8 AWG–750 kcmil	6 AWG–750 kcmil	8 AWG–750 kcmil	8 AWG–750 kcmil	8 AWG–750 kcmil	Not published
Cuts cable	No	Cu/Al to 1-1/8 in	No	No	No	No
Power	18 V Li-ion	18 V Li-ion	Hand pump	18 V Li-ion	Hand pump	M18 Li-ion
Warranty	3 years	3 years	3 years	5 years limited	Not published	Not named
Price, Oct 2026	\$1,795 kit	\$849 kit	\$449	\$5,429 street	\$3,557 street	\$4,899 tool only

Conversions Tech prices are list prices at conversionstech.com. Competitor figures are from each manufacturer's published product pages and spec sheets; competitor prices are US distributor street prices taken 7 October 2026 and change without notice. "Not published": the manufacturer does not state it. Milwaukee's warranty page does not name its crimpers. Trademarks belong to their owners and are used for comparison only.

What sets Conversions Tech apart

About a third of the price

The PowerProFlex12T battery kit lists at \$1,795. A Burndy PAT750LI sells for \$5,429 and a Milwaukee 2779-20 for \$4,899, tool only.

Crimp and cut on one battery

The PRO6000 swaps its 12-ton crimp head for a cutting head that takes copper and aluminum cable to 1-1/8 in. Neither Burndy nor Milwaukee lists a 12-ton battery crimper with a cutting head.

The standard 12-ton U-die

All three crimpers take standard 12-ton U-style dies, the die form of the 12-ton class, so there is no proprietary head to buy into.

One color system, lug to die

The die color and index are printed beside every lug and splice in this book and on every product page, and our single dies and 19-piece kit carry the same colors.

Three-year warranty

Every Conversions Tech crimper and die carries a three-year warranty.

Listed connectors

Our compression lugs are cULus Listed to UL 486A-486B and CSA C22.2 No. 65. Lugs, splices, dies and tools ship on one order and one trade account.

TOOLS, DIES AND LUGS ON ONE ORDER

conversionstech.com/collections/pro-crimping-tool · (307) 206-0534

Questions buyers ask

The questions electricians, engineers and buyers ask us most about crimp tools, dies and listings, answered from the published data.

Q Will my Burndy, Milwaukee or T&B dies fit your crimpers?

Our crimpers take standard 12-ton U-style dies, so U-style dies you already own fit the head. Choose the die by the index or color the connector calls for, not by the brand of the tool.

Q Are die index numbers the same across brands?

No. The colors line up, the numbers do not. Burndy marks its 2 AWG copper die index 10 and its 4/0 die index 15; the color-keyed system in this book marks the same sizes 33 (brown) and 54 (purple). The die chart in this book lists each brand's die for every size.

Q Is the connection UL listed if I crimp with your tool?

UL 486A-486B lists the connector installed with the tooling its manufacturer names; crimp tools are not listed on their own, and Burndy's own literature states its listing the same way. Our compression lugs are cULus Listed to UL 486A-486B and CSA C22.2 No. 65, and the listing names Burndy Y8MRB-1 and Y644HSXT tooling. Where an inspector asks for the listed tool, crimp with the tool the listing names.

Q Do I need a 6-ton or a 12-ton tool for 500 kcmil?

A 12-ton tool. Our 12-ton crimpers crimp copper to 750 kcmil (the manual ProCrimp12T to 500 kcmil copper, 750 kcmil aluminum). For comparison, Burndy's 6-ton PAT600LI is rated to 600 kcmil copper and 350 kcmil aluminum.

Q Do I need separate copper and aluminum dies?

Yes. The index dies in this book are for the copper compression connectors in this book. Aluminum connectors take their own die index; use the die marked on the aluminum connector.

Q How many crimps does a lug take?

The number the connector manufacturer specifies for that barrel, each made to full tool pressure. Seat the conductor fully, crimp, and check that the die index on the crimp matches the connector.

Q Battery or manual hydraulic?

For a few crimps a week the manual ProCrimp12T is enough. For daily crimping choose a battery tool: the PRO6000 if you also cut cable, or the PowerProFlex12T for crimping only.

Q What warranty do the tools carry?

Three years on every Conversions Tech crimper and die.

Q Which listings do your connectors carry?

Compression lugs: cULus Listed, UL 486A-486B and CSA C22.2 No. 65. Mechanical lugs: UL listed. Grounding connectors: UL 467 listed. The listing for each line is stated in its section.

Q Are your products RoHS compliant?

Yes. The tin-plated copper connectors in this book are supplied RoHS compliant.

Q How do I pick the right lug?

Four choices: conductor size, stud size, one or two holes, short or long barrel. The table row gives the catalog number, the dimensions and the die color and index for the crimp.

Q Can I cross my Burndy, Panduit, T&B or ILSCO number?

Yes. Look it up in the cross-reference index at the back of this book or type it into the search at conversionstech.com. Crosses match conductor size, stud and barrel from each manufacturer's published catalog.



SECTION 03 · WHERE IT INSTALLS

03 Mechanical Lugs

Set-screw lugs from 14 AWG to 1000 kcmil for distribution panels, transformers and equipment terminals.



03 Mechanical Lugs

Set-screw lugs from 14 AWG to 1000 kcmil, one to six conductors, stacked panelboard lugs and solid copper mechanical lugs. Reusable terminations that land copper or aluminum without a crimp tool.



LIVE STOCK AND PRICING



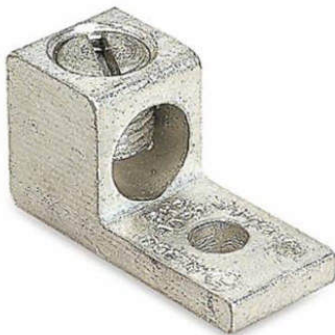
21000



210-99008



210-99031



610-99011



CT-SL42-600



CT-T2H1-1-0A

The stocked line. Catalog numbers and dimensions begin on page 50.

WHERE IT INSTALLS

- Load centers, panelboards and main lug kits
- Safety switches, disconnects and transfer switches
- Transformer secondaries and drive line terminations
- Solar inverters, combiners and battery energy storage
- OEM panel shops: direct replacement for the lugs shipped in Square D, Siemens, Eaton and GE gear

HOW TO SPECIFY

- Count conductors per phase, then pick the range that covers the largest and smallest conductor.
- Match the stud: 1/4, 5/16, 3/8, 1/2 or 5/8 in. Two-hole NEMA pads above 250 kcmil and on switchgear bus.
- Stacked CT-SL lugs save gutter width; multi-barrel CT-T2, T3 and SL42 lugs handle parallel runs.
- Torque to the value marked on the lug with a calibrated tool, NEC 110.14(D). Oxide inhibitor on aluminum.
- Every lug is UL listed to UL 486A-486B, 600 V, 90 °C.

ALSO SEE Section 01 compression lugs for crimped terminations · Section 07 neutral and ground bars · Cross-reference: conversiontech.com

Select in three steps

1 Conductors per lug

One, two, three or four conductors. Count parallel runs per phase and add a lug position for each neutral or ground that lands on the same pad.

2 Conductor range

Pick the range that covers both the largest and the smallest conductor you will land. Every CT lug is dual rated AL9CU, so copper and aluminum use the same part.

3 Stud and holes

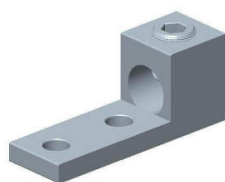
Match the equipment stud: 1/4, 5/16, 3/8, 1/2 or 5/8 in. One hole for load centers and switches; two-hole NEMA pads for busbar and switchgear above 250 kcmil.

THE FAMILY



Single-conductor, one-hole
CT-T1H1 series

One aluminum or copper conductor, single mounting hole. The standard main and branch lug for load centers, safety switches and transformer secondaries.



Single-conductor, two-hole
NEMA two-hole pad

One conductor on a two-hole NEMA pad for busbar and switchgear landings above 250 kcmil, where fault current could rotate a single-hole lug.



Two-conductor, one-hole
CT-T2H1 series

Two conductors side by side on one mounting hole. Parallel feeders, double-lug service equipment and splicer-reducer duty.



Three-conductor
CT-T3 series

Three barrels on a one-hole, two-hole, four-hole or six-hole pad for multi-conductor distribution and gutter taps.



Stacked two-conductor
CT-SL21 series

Two conductors stacked vertically to save width in tight gutters and panelboard lug kits.



Four-conductor
CT-SL42 series

Four barrels, single-row or stacked two-hole, for parallel 400 A to 600 A terminations.



Copper mechanical lugs
210-21xxx, 210-23xxx series

Solid copper alloy one-piece lugs with offset or straight tongue for all-copper paths and compact grounding terminations.

ENGINEERED FOR SAFETY

- UL listed, UL 486A-486B
- 600 V, 90 °C, AL9CU dual rated
- Torque value marked on every lug
- Tin-plated 6061-T6 aluminum body
- Reusable joint, no crimp tool
- Direct replacement for OEM lugs

14 AWG to 1000 kcmil

one range of lugs for every conductor in the panel

1 to 6 conductors

single, parallel and stacked configurations

115 catalog numbers

including the panel shop line in this section

Same-day shipping

in-stock items ship the same business day

Catalog numbers

All lugs UL listed to UL 486A-486B, 600 V, 90 °C. AL9CU lugs accept copper or aluminum conductor. Legacy numbers remain orderable. Cross-references are by published wire range and stud; verify before substituting.

Catalog no.	Conductor range	Stud	Cond. / holes	Material	Cross-reference
SINGLE-CONDUCTOR, ONE-HOLE CT-T1H1 series					
CT-T1H1-6A	14-6 AWG	1/4	1 / 1	AL9CU	ILSCO TA-6-S · Burndy KA6U · Blackburn ADR6
CT-T1H1-4A	14-4 AWG	1/4	1 / 1	AL9CU	ILSCO TA-6-S · Burndy KA2U · Blackburn ADR2
CT-T1H1-1A	14-1 AWG	1/4	1 / 1	AL9CU	ILSCO TA-0 · Burndy KA25U · Blackburn ADR11
CT-T1H1-1-0A	14-1/0 AWG	1/4	1 / 1	AL9CU	ILSCO TA-0 · Burndy KA25U · Blackburn ADR11
210-99004	14-2/0 AWG	1/4	1 / 1	AL9CU	ILSCO TA-2/0 · Burndy KA26U · Blackburn ADR21
210-99004A	14-2/0 AWG	5/16	1 / 1	AL9CU	Panduit LAMA1/0-56-Q · ILSCO TA-2/0 · ABB ADR21
CT-T1H1-250	6 AWG-250 kcmil	5/16	1 / 1	AL9CU	ILSCO TA-250 · Burndy KA29U · Blackburn ADR25
CT-T1H1-300-38	6 AWG-300 kcmil	3/8	1 / 1	AL9CU	Burndy KA30U · ILSCO TA-300 · Blackburn ADR30
CT-T1H1-300-516	6 AWG-300 kcmil	5/16	1 / 1	AL9CU	Burndy KA30U · ILSCO TA-300 · Blackburn ADR30
CT-T1H1-350	6 AWG-350 kcmil	3/8	1 / 1	AL9CU	ILSCO TA-350 · Burndy KA31U · Blackburn ADR35
210-99008	4 AWG-500 kcmil	3/8	1 / 1	AL9CU	ILSCO TA-500 · Burndy KA34U · Blackburn ADR50
CT-T1H1-500	4 AWG-500 kcmil	3/8	1 / 1	AL9CU	ILSCO TA-500 · Burndy KA34U · Blackburn ADR50
210-99009	2 AWG-600 kcmil	3/8	1 / 1	AL9CU	ILSCO TA-600 · Burndy KA36U · Blackburn ADR60
CT-T1H1-600	2 AWG-600 kcmil	3/8	1 / 1	AL9CU	ILSCO TA-600 · Burndy KA36U · Blackburn ADR60
CT-T1H1-800	300-800 kcmil	5/8	1 / 1	AL9CU	ILSCO TA-800 · ILSCO TA-800-S · Blackburn ADR80
210-99010	300-800 kcmil	5/8	1 / 1	AL9CU	ILSCO TA-800 · ILSCO TA-800-S · Blackburn ADR80
CT-T1H1-1000-12	500-1000 kcmil	1/2	1 / 1	AL9CU	Burndy KA44U · ILSCO TA-1000 · Blackburn ADR99
610-99011	500-1000 kcmil	5/8	1 / 1	AL9CU	ILSCO TA-1000-S · ILSCO TA-1000 · Blackburn ADR99
CT-T1H1-1000-58	500-1000 kcmil	5/8	1 / 1	AL9CU	Burndy KA44U · ILSCO TA-1000 · Blackburn ADR99
SINGLE-CONDUCTOR, TWO-HOLE NEMA two-hole pad					
99004A	14-2/0 AWG	1/4	1 / 2	AL9CU	ILSCO TA-2/0 · ABB ADR21 · NSi 2/0T
210-99005A	6 AWG-250 kcmil	5/16	1 / 2	AL9CU	Burndy KA29U · Panduit LAMA250-56-QY · ABB ADR25
210-99006A	6 AWG-300 kcmil	5/16	1 / 2	AL9CU	Burndy KA30U · Panduit LAMA300-56-QY · ABB ADR30
210-99007A	6 AWG-350 kcmil	1/2	1 / 2	AL9CU	ILSCO TA-350-2N · ILSCO TA-350-2NS
99009A	2 AWG-600 kcmil	1/2	1 / 2	AL9CU	ILSCO TA-600-2N · ILSCO TA-600-2NS
99010A	300-800 kcmil	1/2	1 / 2	AL9CU	ILSCO TA-800-2N · ILSCO TA-800-2NS
TWO-CONDUCTOR, ONE-HOLE CT-T2H1 series					
CT-T2H1-1-0A	14-1/0 AWG	1/4	2 / 1	AL9CU	ILSCO AU-0 · Burndy K2A25U · Blackburn ADR11-21
CT-T2H1-2-0A	14-2/0 AWG	1/4	2 / 1	AL9CU	ILSCO AU-2/0 · Burndy K2A26U · Blackburn ADR21-21
210-99014	6 AWG-250 kcmil	3/8	2 / 1	AL9CU	ILSCO AU-250 · Burndy K2A29U · Blackburn ADR25-21
CT-T2H1-350	6 AWG-350 kcmil	1/2	2 / 1	AL9CU	ILSCO AU-350 · Burndy K2A31U · Blackburn ADR35-21
CT-T2H1-600-4A	4 AWG-600 kcmil	1/2	2 / 1	AL9CU	ILSCO AU-600 · Burndy K2A36U · Blackburn ADR60-21
210-99028A	4 AWG-600 kcmil	1/2	2 / 1	AL9CU	ILSCO AU-600 · Burndy K2A36U · Blackburn ADR60-21
CT-T2H1-600	2 AWG-600 kcmil	1/2	2 / 1	AL9CU	ILSCO AU-600 · Burndy K2A36U · Blackburn ADR60-21
CT-T2H1-800	300-800 kcmil	1/2	2 / 1	AL9CU	ILSCO AU-800 · Burndy K2A40U · Blackburn ADR80-21
210-99017	300-800 kcmil	5/8	2 / 1	AL9CU	ILSCO AU-800 · Burndy K2A40U · Blackburn ADR80-21
210-99029A	350-1000 kcmil	1/2	2 / 1	AL9CU	NSi 2-1000T
CT-T2H1-1000	500-1000 kcmil	5/8	2 / 1	AL9CU	ILSCO AU-1000 · Burndy K2A44U

Catalog numbers (continued)

All lugs UL listed to UL 486A-486B, 600 V, 90 °C. AL9CU lugs accept copper or aluminum conductor. Legacy numbers remain orderable. Cross-references are by published wire range and stud; verify before substituting.

Catalog no.	Conductor range	Stud	Cond. / holes	Material	Cross-reference
THREE-CONDUCTOR CT-T3 series					
CT-T3H2-1-0A	14-1/0 AWG	1/4	3 / 2	AL9CU	ILSCO T3A2-0 · ABB ADR11-32 · Burndy K3A25U2
210-99031	14-1/0 AWG	3/8	3 / 1	AL9CU	ILSCO AU-0 · NSi 2-0T
210-99032	6 AWG-240 kcmil	1/2	3 / 1	AL9CU	ILSCO T3A2-250N · Burndy K3A29U2N
210-99033	6 AWG-350 kcmil	1/2	3 / 4	AL9CU	ILSCO T3A4-350N · Burndy K3A31U4N
210-99034	6 AWG-350 kcmil	1/2	3 / 4	AL9CU	ILSCO T3A4-350N · Burndy K3A31U4N
CT-T3H1-600	2 AWG-600 kcmil	1/2	3 / 1	AL9CU	Blackburn ADR600 · NSi 600T-3
210-99024	2 AWG-600 kcmil	1/2	3 / 1	AL9CU	Burndy K3A36U2N · ABB ADR60-32D
210-99025	350-800 kcmil	1/2	3 / 1	AL9CU	ABB ADR80-32 · Burndy KK3A40U2N
210-99036	350-800 kcmil	1/2	3 / 1	AL9CU	ABB ADR80-32 · Burndy KK3A40U2N
210-99026	500-1000 kcmil	1/2	3 / 6	AL9CU	ILSCO T3A2-1000N · ILSCO T3A4-1000N · NSi T3
210-99037	500-1000 kcmil	1/2	3 / 6	AL9CU	ILSCO T3A2-1000N · ILSCO T3A4-1000N · NSi T3
STACKED TWO-CONDUCTOR CT-SL21 series					
CT-SL21-350	6 AWG-350 kcmil	1/2	2 / 1	AL9CU	NSi 300T-2
CT-SL21-600	2 AWG-600 kcmil	1/2	2 / 1	AL9CU	Blackburn ASL60-22 · NSi 600T-2
CT-SL21-800	300-800 kcmil	1/2	2 / 1	AL9CU	NSi 800T-2
CT-SL21-1000	500-1000 kcmil	1/2	2 / 1	AL9CU	NSi 2-1000T · Burndy K2A44U2N · ABB ADR99-22D
FOUR-CONDUCTOR CT-SL42 series					
210-99038	6 AWG-250 kcmil	1/2	4 / 1	AL9CU	ILSCO T4A4-250N · Burndy K4A29U4N
210-99039	6 AWG-350 kcmil	1/2	4 / 1	AL9CU	ILSCO T4A4-350N · Burndy K4A31U4N
210-99040	2 AWG-600 kcmil	1/2	4 / 1	AL9CU	ILSCO T4A4-600N · Burndy KK4A36U4N
CT-SL42-600	2 AWG-600 kcmil	1/2	4 / 2	AL9CU	ILSCO PB4-600 · ILSCO PB4-600-2N
COPPER MECHANICAL LUGS 210-21xxx, 210-23xxx series					
210-23301	6-14 AWG	1/4	1 / 1	Copper	ILSCO SLU · NSi XT-6
210-21001	14-6 AWG	#10	1 / 1	Copper	ILSCO SLU-35
210-22001	14-6 AWG	#10	1 / 1	Copper	ILSCO SLU-35
CT23301	14-6 AWG	#10	1 / 1	Copper	ILSCO SLU · NSi XT-6
210-21002	14-4 AWG	#10	1 / 1	Copper	cross on request
CT-COPP-MECH-CONN-1-	12-2 AWG	#10	1 / 1	Copper	cross on request
210-21004	8-1/0 AWG	1/4	1 / 1	Copper	cross on request
CT-MECH-CONN-1-COND	14-3/0 AWG	#10	1 / 1	Copper	ILSCO SLU · NSi XT-6
210-21006	6-4/0 AWG	1/4	1 / 1	Copper	cross on request
21000	—	—	1 / 1	Copper	cross on request
6821-782	—	—	2 / 1	Copper	cross on request

Installation torque and equipment fit

TIGHTENING TORQUE, UL 486B

Conductor	Set screw torque
14 to 10 AWG	35 lb-in
8 AWG	40 lb-in
6 to 4 AWG	45 lb-in
3 to 1/0 AWG	50 lb-in
2/0 to 4/0 AWG	100 lb-in
250 to 350 kcmil	250 lb-in
400 to 600 kcmil	275 lb-in
700 to 1000 kcmil	375 lb-in

NEC 110.14(D) requires terminations to be tightened to the marked torque with a calibrated tool. Use the value stamped on the lug when it differs from this table. Apply oxide inhibitor on aluminum conductors. Mechanical joints can be broken and re-made; inspect threads and conductor before re-terminating.

EQUIPMENT THAT USES THESE LUGS

Load centers

Square D QO and Homeline, Siemens P1 and PL, Eaton BR and CH, GE PowerMark, Leviton LP

Safety switches

Square D H and HU, Eaton DH and DG, Siemens HF and GF, GE TH and TG

Panelboards

Square D NQ and NF, Siemens S1, Eaton PRL, GE A-Series

Drives and starters

ABB ACS, Siemens SINAMICS, Eaton PowerXL, Allen-Bradley PowerFlex

Transformers

Square D EX and EE, Eaton V48, GE 9T, Hammond

Transfer switches

Generac, ASCO, Eaton ATC, Kohler RDT and RXT

Solar inverters and combiners

SolarEdge, Enphase, SMA

ORDERING

Order by the CT catalog number printed here. Where a lug replaces an earlier Conversions Tech number, both numbers and the competitor crosses are searchable at conversionstech.com, and either number is accepted on a purchase order.

FOR OEM AND PANEL SHOPS

- Blanket orders with scheduled releases and net terms on a trade account.
- Made-to-order sizes ship from the production line, typically 6 to 8 weeks.
- Send a competitor part number and we match it within one business day.
- Quotes and samples: cs@conversionstech.com or (307) 206-0534.



Mechanical lugs: engineering and installation

Set-screw lugs are approved on the strength of three numbers: the conductor range, the stud, and the torque. Everything on this page is what the approving engineer and the installing electrician need to get all three right the first time.

DESIGN BASIS

- Body: 6061-T6 aluminum, electro tin plated, dual rated AL9CU: one lug for copper and aluminum conductors at 90 °C.
- UL listed to UL 486A-486B, 600 V. Range-taking: every lug accepts every size in its marked range, solid or stranded, Class B and compact.
- Set screws: slotted or hex socket, high-strength plated steel, torque value marked on the body. Screws bottom on the conductor, not on the barrel wall.
- Mounting: single hole for load centers and safety switches; NEMA two-hole pads for busbar and switchgear from 250 kcmil up, where fault forces could rotate a single-hole lug.

INSTALLATION

- Strip insulation to the barrel depth plus 1/16 in; do not nick strands. Cut the conductor square.
- Aluminum: wire brush the bare conductor and coat with oxide inhibitor immediately. Copper: clean and dry.
- Insert the conductor to the bottom of the barrel so no bare conductor shows outside it; the inspection window shows full insertion on long barrels.
- Tighten the set screw to the marked torque with a calibrated driver (NEC 110.14(D)). Two-screw barrels: alternate screws in two passes.
- Mount to the pad with the bolt, flat washer and Belleville or lock washer; bolt torque per the equipment manufacturer.
- Do not re-torque in service. If a connection is disturbed, back the screw out, re-seat the conductor and torque again.

SET-SCREW TORQUE BY CONDUCTOR SIZE

Values marked on the lug take precedence. Typical for slotted and hex set screws, UL 486B Table.

Conductor	Torque	Metric
14 to 10 AWG	35 lb-in	4.0 N·m
8 AWG	40 lb-in	4.5 N·m
6 to 4 AWG	45 lb-in	5.1 N·m
3 to 1/0 AWG	50 lb-in	5.6 N·m
2/0 to 4/0 AWG	100 lb-in	11.3 N·m
250 to 350 kcmil	250 lb-in	28.2 N·m
400 to 600 kcmil	275 lb-in	31.1 N·m
700 to 1000 kcmil	375 lb-in	42.4 N·m



210-23301



CT-T1H1-6A



210-99004



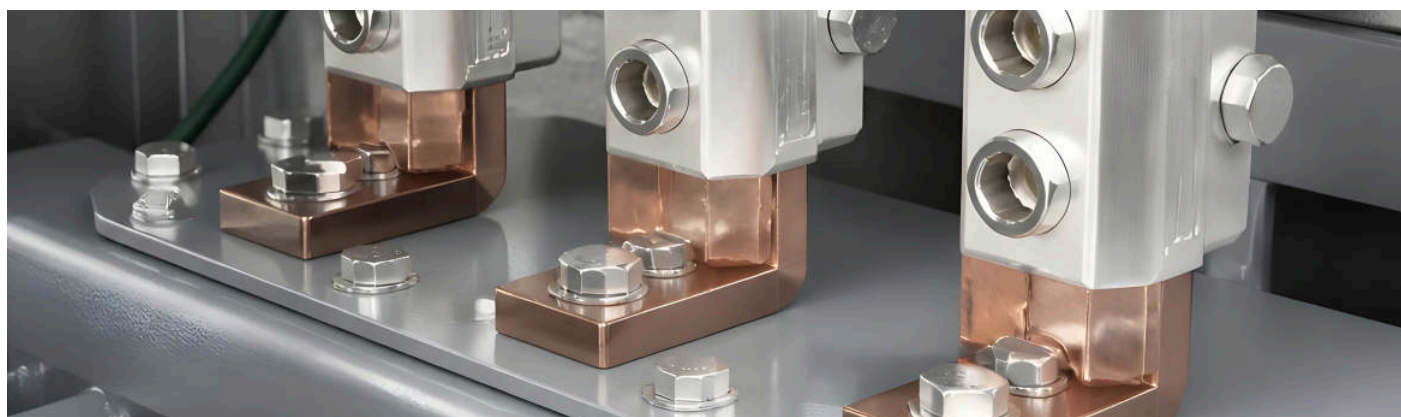
210-99004A



CT-T1H1-4A



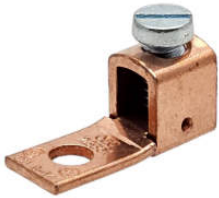
CT-T1H1-1A



Application: mechanical set-screw lugs on a transformer secondary terminal pad.

The line, by catalog number

Photographs of the stocked line. Dimensioned drawings for each catalog number are supplied with the submittal package.



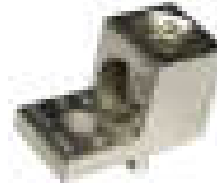
210-23301
Copper Alloy One-Piece Lug
6-14



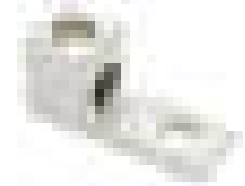
CT-T1H1-6A
1-Conductor 1-Hole
Dual-Rated AL/CU 14-6
AWG 1/4in Stud



210-99004
Aluminum Single Barrel
Connectors 14 AWG - 2/0
AWG - 1/4"



210-99004A
Aluminum Single Barrel
Connectors 14 AWG - 2/0
AWG - 5/16"



CT-T1H1-4A
1-Conductor 1-Hole
Dual-Rated AL/CU 14-4
AWG 1/4in Stud



CT-T1H1-1A
1-Conductor 1-Hole
Dual-Rated AL/CU 14-1
AWG 1/4in Stud



CT-MECH-CONN-1-COND-COPP-10-STUD-3/0-23301
Mechanical Connector: 1
Conductors, Copper, #10
Stud Size, 14 AWG - 3/0
STR AWG



210-22001
Conversions Tech Copper
Terminal Lug 14 AWG Solid -
6 AWG CU



210-21001
Copper Mechanical Lug -
One Hole Offset Tongue 14
AWG Solid - 6 AWG CU



CT-T2H1-1-0A
2-Conductor 1-Hole
Dual-Rated AL/CU (2) 14
AWG-1/0 AWG 1/4in Stud



CT-COPP-MECH-CONN-1-COND-10-STUD-12-2-23301
Copper Mechanical
Connector 1-Conductor, #10
Stud Size, 12-2 AWG -
Versatile & Efficient E



CT-T2H1-2-0A
Mechanical Connector: 1
Conductors, Copper, #10
Stud Size, 14 AWG - 6 AWG



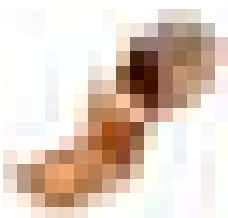
CT-T1H1-1-0A
1-Conductor 1-Hole
Dual-Rated AL/CU 14
AWG-1/0 AWG 1/4in Stud



210-21002
Copper Mechanical Lug -
One Hole Offset Tongue 14
AWG Solid - 4 AWG CU



210-21006
Copper Mechanical Lug -
One Hole Offset Tongue 6
AWG Solid - 4/0 AWG CU



210-21004
Copper Mechanical Lug -
One Hole Offset Tongue 8
AWG Solid - 1/0 AWG CU



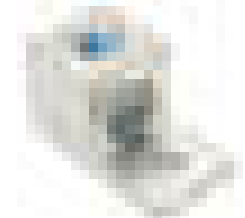
CT-T1H1-250
1-Conductor 1-Hole
Dual-Rated AL/CU 6
AWG-250 kcmil 5/16in Stud



21000
Copper Offset Mechanical
Lug



CT-T2H1-2-0A
2-Conductor 1-Hole
Dual-Rated AL/CU (2) 14
AWG-2/0 AWG 1/4in Stud



CT-T1H1-300-516
1-Conductor 1-Hole
Dual-Rated AL/CU 6
AWG-300 kcmil 5/16in Stud

Built for the panel shop

Multi-conductor, stacked panelboard and NEMA two-hole set-screw lugs for control panels, switchboards, gutters and OEM equipment. Every catalog number carries the manufacturer's full dimension set, so the lug goes into the panel layout before it arrives, and every row names the published part it replaces.



One conductor, 2-hole



One conductor, hex socket



Two conductor



Three conductor, 4-hole pad



Stacked panelboard

cULus Listed

Listed set-screw lugs, tested to UL 486A-486B for pull-out, heat cycling and secureness. The listing mark is on the part.

Dimensioned for layout

A to H on every catalog number: length, height, tongue, thickness, width, hole, spacing and edge distance. Draw it in before you order.

Stacked to six conductors

2, 3, 4 and 6-conductor stacked panelboard lugs to 750 kcmil: parallel feeders on one landing, in the gutter width of one.

NEMA pads

1-3/4 in NEMA spacing on -2N long and -2NS short bodies for bus and equipment pads; 1-3/8 in on the 500 and 600 kcmil stacked lugs.

Crossed to your print

ILSCO, Burndy, Panduit, Blackburn and Penn-Union equals on every row where one is published. Where none is, the row says so.

One source for the panel

Lugs, neutral and ground bars, distribution blocks, insulated taps, compression lugs and the crimp tools for the incoming feeders.

PICK BY THE LANDING

Landing	Lug	Example catalog numbers
Branch neutrals and grounds, 14 AWG to 2/0	One or two conductor, slotted screw	CT-T1H1-2 · CT-T2H1-1-0A
Feeder to 800 kcmil on one stud	One conductor, hex socket	CT-T1H1-600 · CT-T1H1-800
Bus or equipment pad, 1-3/4 in NEMA	-2N long body or -2NS short body	CT-T1H1-600-2N · CT-T2H1-600-2NS
Three taps from one landing	Three conductor, A2 or A4 pad	CT-T3H1-350-A2 · CT-T3H1-350-A4
Parallel feeders, one stud pair	Stacked panelboard lug	CT-T4H2-600 · CT-T6H2-750

61 catalog numbers

fully dimensioned, on the following pages

1 to 6 conductors

single, side by side and stacked

14 AWG to 800 kcmil

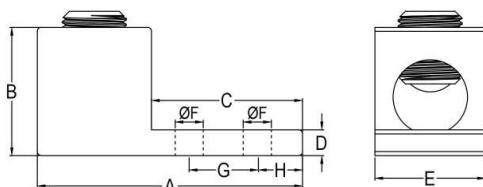
slotted and hex socket set screws

Quote by the line

cs@conversionstech.com · (307) 206-0534

One and two-conductor lugs

Set-screw lugs from 14 AWG to 800 kcmil, one hole or NEMA two-hole, slotted or hex socket screw.



Manufacturer dimension drawing



1-hole, slotted



1-hole, hex



Two conductor

ONE CONDUCTOR 1-hole; -2N long body and -2NS short body on 1-3/4 in NEMA spacing

Catalog no.	Cond.	Conductor range	Holes	ØF	G	Screw	A	B	C	D	E	H	Published equals
CT-T1H1-6A	1	14–6 AWG	1	.28	—	Slotted	1.06	.50	.68	.09	.50	.26	Burndy KA6U
CT-T1H1-2	1	14–2 AWG	1	.28	—	Slotted	1.16	.56	.69	.10	.50	.32	ILSCO TA-2 · Burndy KA2U
CT-T1H1-1-0A	1	14–1/0 AWG	1	.27	—	Slotted	1.46	.81	.83	.18	.64	.41	ILSCO TA-0 · Burndy KA25U
CT-T1H1-2-0	1	14–2/0 AWG	1	.27	—	Slotted	1.46	.81	.83	.18	.64	.41	ILSCO TA-2/0
CT-T1H1-3-0	1	14–3/0 AWG	1	.26	—	5/16 hex	1.88	.89	1.00	.14	.70	.50	No published equal
CT-T1H1-250	1	6 AWG–250 kcmil	1	.33	—	5/16 hex	1.97	1.13	.97	.26	1.00	.45	ILSCO TA-250
CT-T1H1-350	1	6 AWG–350 kcmil	1	.41	—	5/16 hex	2.24	1.25	1.15	.25	1.125	.50	ILSCO TA-350
CT-T1H1-350-2NS	1	6 AWG–350 kcmil	2	.56	1.75	3/8 hex	4.31	1.38	3.00	.31	1.13	.63	ILSCO TA-350-2NS
CT-T1H1-350-2N	1	6 AWG–350 kcmil	2	.56	1.75	3/8 hex	5.50	1.50	3.25	.38	1.25	.63	ILSCO TA-350-2N
CT-T1H1-500	1	4 AWG–500 kcmil	1	.39	—	3/8 hex	2.83	1.57	1.58	.32	1.50	.93	ILSCO TA-500
CT-T1H1-500-S	1	4–600; 2× 1/0–250	1	.41	—	1/2 hex	2.81	1.81	1.50	.31	1.29	.63	ILSCO TA-500-S
CT-T1H1-600	1	2 AWG–600 kcmil	1	.41	—	1/2 hex	3.21	1.57	1.81	.44	1.50	.88	ILSCO TA-600
CT-T1H1-600-2NS	1	2 AWG–600 kcmil	2	.56	1.75	1/2 hex	4.69	1.563	3.31	.44	1.50	.63	ILSCO TA-600-2NS
CT-T1H1-600-2N	1	2 AWG–600 kcmil	2	.56	1.75	1/2 hex	5.50	1.50	3.25	.38	1.38	.63	ILSCO TA-600-2N
CT-T1H1-800	1	300–800 kcmil	1	.66	—	1/2 hex	3.38	1.93	1.78	.49	1.75	.88	ILSCO TA-800

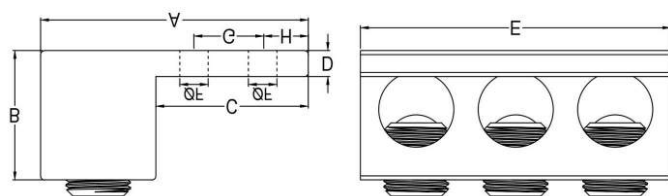
TWO CONDUCTOR side by side; 1-hole and NEMA 2-hole

Catalog no.	Cond.	Conductor range	Holes	ØF	G	Screw	A	B	C	D	E	H	Published equals
CT-T2H1-6	2	14–6 AWG	1	.28	—	Slotted	1.06	.50	.68	.09	1.00	.26	No published equal
CT-T2H1-2	2	14–2 AWG	1	.28	—	Slotted	1.16	.56	.70	.10	1.00	.32	No published equal
CT-T2H1-1-0A	2	14–1/0 AWG	1	.27	—	Slotted	1.46	.81	.83	.18	1.26	.42	ILSCO AU-0 · Burndy K2A25U
CT-T2H1-2-0A	2	14–2/0 AWG	1	.27	—	Slotted	1.46	.81	.83	.18	1.26	.42	ILSCO AU-2/0
CT-T2H1-250	2	6 AWG–250 kcmil	1	.41	—	5/16 hex	2.60	1.18	1.59	.25	1.66	.88	ILSCO AU-250
CT-T2H1-350	2	6 AWG–350 kcmil	1	.56	—	5/16 hex	2.85	1.25	1.73	.24	1.89	.88	ILSCO AU-350
CT-T2H1-500	2	4 AWG–500 kcmil	1	.56	—	3/8 hex	2.81	1.56	1.58	.32	2.26	.88	Penn-Union L2A-500
CT-T2H1-600	2	2 AWG–600 kcmil	1	.53	—	1/2 hex	3.21	1.56	1.81	.44	2.41	.63	ILSCO AU-600
CT-T2H1-800	2	300–800 kcmil	1	.656	—	1/2 hex	3.38	1.93	1.78	.49	3.19	.88	ILSCO AU-800
CT-T2H1-600-2NS	2	2 AWG–600 kcmil	2	.56	1.75	1/2 hex	4.69	1.563	3.31	.44	2.41	.63	ILSCO AU-600-2NS
CT-T2H1-800-2NS	2	300–800 kcmil	2	.56	1.75	1/2 hex	4.75	1.94	3.13	.50	3.19	.63	ILSCO AU-800-2NS
CT-T2H1-600-2N	2	2 AWG–600 kcmil	2	.56	1.75	1/2 hex	5.50	1.51	3.25	.38	2.75	.63	ILSCO AU-600-2NS

Dimensions in inches from the manufacturer's drawing: A overall length · B height · C tongue length · D tongue thickness · E width · ØF mounting hole · G hole spacing · H hole center to end. Screw: hex socket size, or slotted. Published equals are from each maker's catalog by conductors, range, holes and stud; * marks a closest or wider-range part, confirm fit. Tin-plated 6061-T6 aluminum, 90 °C, cULus Listed.

Three-conductor lugs

Three conductors side by side on one body, with a two-hole (A2), four-hole (A4) or one-hole pad.



Manufacturer dimension drawing



One-hole pad



A4 four-hole pad

THREE CONDUCTOR A2 two-hole pad, A4 four-hole pad, plain = one hole

Catalog no.	Cond.	Conductor range	Holes	ØF	G	Screw	A	B	C	D	E	H	Published equals
CT-T3H1-2-A2	3	14–2 AWG	2	.34	.88	Slotted	2.19	.63	1.69	.19	1.59	.34	ILSCO T3A2-2
CT-T3H1-2-A4	3	14–2 AWG	4	.34	.88	Slotted	2.19	.63	1.69	.19	1.59	.34	ILSCO T3A4-2
CT-T3H1-3-0-A2	3	14–3/0 AWG	2	.56	1.75	5/16 hex	3.88	1.13	3.00	.31	2.81	.63	ILSCO T3A2-3/0N*
CT-T3H1-3-0-A4	3	14–3/0 AWG	4	.56	1.75	5/16 hex	3.88	1.13	3.00	.31	2.81	.63	ILSCO T3A4-3/0N*
CT-T3H1-250-A2	3	6 AWG–250 kcmil	2	.56	1.75	5/16 hex	4.00	1.19	3.00	.31	2.81	.63	ILSCO T3A2-250N
CT-T3H1-250-A4	3	6 AWG–250 kcmil	4	.56	1.75	5/16 hex	4.00	1.19	3.00	.31	2.81	.63	ILSCO T3A4-250N
CT-T3H1-250	3	6 AWG–250 kcmil	1	.39	—	5/16 hex	1.98	1.12	.98	.25	2.44	.47	No published equal
CT-T3H1-350-A2	3	6 AWG–350 kcmil	2	.56	1.75	5/16 hex	4.31	1.38	3.00	.31	3.00	.63	ILSCO T3A2-350N
CT-T3H1-350-A4	3	6 AWG–350 kcmil	4	.56	1.75	5/16 hex	4.31	1.38	3.00	.31	3.00	.63	ILSCO T3A4-350N
CT-T3H1-350	3	6 AWG–350 kcmil	1	.41	—	5/16 hex	2.24	1.25	.98	.25	2.85	.50	No published equal
CT-T3H1-800-A2	3	300–800 kcmil	2	.56	1.75	5/16 hex	4.75	1.95	3.13	.50	3.95	.63	Burndy KK3A40U2N
CT-T3H1-800-A4	3	300–800 kcmil	4	.56	1.75	5/16 hex	4.75	1.95	3.13	.50	3.95	.63	Blackburn ADR80-34

Dimensions in inches from the manufacturer's drawing: A overall length · B height · C tongue length · D tongue thickness · E width · ØF mounting hole · G hole spacing · H hole center to end. Screw: hex socket size, or slotted. Published equals are from each maker's catalog by conductors, range, holes and stud; * marks a closest or wider-range part, confirm fit. Tin-plated 6061-T6 aluminum, 90 °C, cULus Listed.

CHOOSING THE PAD

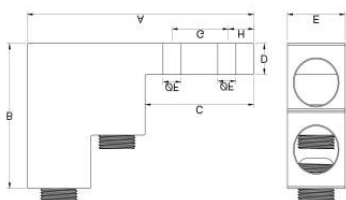
- A2: two mounting holes for a single stud pair; A4: four holes on two rows for a wide bus or a second bolt row.
- Plain three-conductor lugs mount on one hole; use them where the pad has one stud.
- Match ØF and G to the equipment pad before ordering; every value is in the table above.

INSTALLING

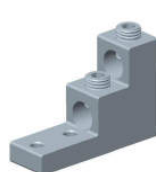
- Strip to the barrel depth. Wire brush aluminum conductors and apply oxide inhibitor.
- Seat the conductor fully and tighten the set screw to the value in the mechanical lug torque table in this section.
- Use the full conductor range only with the conductor class the listing names; application engineering confirms compact or fine-strand conductors.

Stacked panelboard lugs

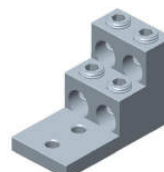
Two to six conductors stacked on one body, 350 to 750 kcmil.



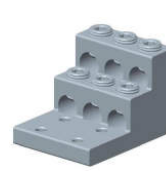
Manufacturer dimension drawing



Two conductor



Four conductor



Six conductor

STACKED PANELBOARD LUGS 2, 3, 4 and 6 conductors stacked

Catalog no.	Cond.	Conductor range	Holes	ØF	G	Screw	A	B	C	D	E	H	Published equals
CT-T2H2-350	2	6 AWG–350 kcmil	—	.38	—	5/16 hex	3.00	2.00	1.00	.50	1.00	.47	No published equal
CT-T3H2-350	3	6 AWG–350 kcmil	—	.38	—	5/16 hex	3.00	2.00	1.00	.50	1.93	.47	No published equal
CT-T4H2-350	4	6 AWG–350 kcmil	—	.38	—	5/16 hex	3.00	2.00	1.00	.50	1.93	.47	No published equal
CT-T6H2-350	6	6 AWG–350 kcmil	—	.38	—	5/16 hex	3.00	2.00	1.00	.50	2.64	.47	No published equal
CT-T2H2-500-L	2	4/0 AWG–500 kcmil	2	.28	.69	3/8 hex	2.91	2.38	1.69	.63	1.44	.25	ILSCO PB2-500
CT-T2H2-500	2	4 AWG–500 kcmil	2	.41	1.37	3/8 hex	4.72	2.83	2.36	.45	1.50	.44	ILSCO PB2-600*
CT-T3H2-500	3	4 AWG–500 kcmil	2	.41	1.37	3/8 hex	4.72	2.83	2.36	.45	2.47	.44	ILSCO PB3-600*
CT-T4H2-500	4	4 AWG–500 kcmil	2	.41	1.37	3/8 hex	4.72	2.83	2.36	.45	2.47	.44	ILSCO PB4-600*
CT-T6H2-500	6	4 AWG–500 kcmil	2	.41	1.37	3/8 hex	4.72	2.83	2.36	.45	3.69	.44	No published equal
CT-T2H2-600-2NS	2	2 AWG–600 kcmil	2	.41	1.37	1/2 hex	4.92	2.93	2.36	.63	1.50	.44	ILSCO PB2-600
CT-T2H2-350-A	2	6 AWG–350 kcmil	2	.33	.60	5/16 hex	3.00	2.00	1.56	.25	1.06	.47	No published equal
CT-T2H2-600	2	2 AWG–600 kcmil	2	.41	1.37	1/2 hex	4.91	3.00	2.35	.75	1.50	.44	ILSCO PB2-600
CT-T3H2-600-2NS	3	2 AWG–600 kcmil	2	.41	1.37	1/2 hex	4.92	2.93	2.36	.63	2.49	.44	ILSCO PB3-600
CT-T3H2-600	3	2 AWG–600 kcmil	2	.41	1.37	1/2 hex	4.91	3.00	2.35	.75	2.47	.44	ILSCO PB3-600
CT-T4H2-600-2NS	4	2 AWG–600 kcmil	2	.41	1.37	1/2 hex	4.92	2.93	2.36	.63	2.49	.44	ILSCO PB4-600
CT-T4H2-600	4	2 AWG–600 kcmil	2	.41	1.37	1/2 hex	4.91	3.00	2.35	.75	2.47	.44	ILSCO PB4-600
CT-T6H2-600-2NS	6	2 AWG–600 kcmil	2	.41	1.37	1/2 hex	4.92	2.93	2.36	.63	3.69	.44	No published equal
CT-T6H2-600	6	2 AWG–600 kcmil	2	.41	1.37	1/2 hex	4.91	3.00	2.35	.75	3.69	.44	No published equal
CT-T2H2-750	2	1/0 AWG–750 kcmil	2	.56	1.75	1/2 hex	5.53	3.00	2.97	.75	1.50	.63	ILSCO PB2-750-2N
CT-T3H2-750	3	1/0 AWG–750 kcmil	2	.56	1.75	1/2 hex	5.53	3.00	2.97	.75	2.64	.63	Burndy K21A39U2N
CT-T4H2-750	4	1/0 AWG–750 kcmil	2	.56	1.75	1/2 hex	5.53	3.00	2.97	.75	2.64	.63	ILSCO PB4-750-2N
CT-T6H2-750	6	1/0 AWG–750 kcmil	2	.56	1.75	1/2 hex	5.53	3.00	2.97	.75	3.86	.63	No published equal

Dimensions in inches from the manufacturer's drawing: A overall length · B height · C tongue length · D tongue thickness · E width · ØF mounting hole · G hole spacing · H hole center to end. Screw: hex socket size, or slotted. Published equals are from each maker's catalog by conductors, range, holes and stud; * marks a closest or wider-range part, confirm fit. Tin-plated 6061-T6 aluminum, 90 °C, cULus Listed.



CONVERSIONS TECH

A ROCK BRIDGE GROUP COMPANY

CATALOG CT-26 · 2026 EDITION

SECTION 04 · WHERE IT INSTALLS

04 Panelboard Connectors and Aluminum Splicer-Reducers

Multi-barrel tap connectors and splicer-reducers for gutters and wireways.

04

Panelboard Connectors and Aluminum Splicer-Reducers

Set-screw aluminum connectors for panelboard taps, gutter splices and service equipment: single and multi-barrel bodies, one and two-hole mounting, in-line splicer-reducers. Electro tin plated, dual rated AL9CU, UL 486B.



LIVE STOCK AND PRICING



Panelboard connectors and a splicer-reducer in the gutter: multi-barrel bodies land parallel feeders on one bolt, the splicer joins two sizes in line.



210-99002



CT-T3H2-1-0A



61102HD



CT-PB2H1

The stocked line. Catalog numbers and specifications begin on page 62.

HOW TO SPECIFY

- Range-taking set-screw bodies: one connector covers every conductor in the marked range, solid or stranded, copper or aluminum.
- Torque to the value marked on the body; re-enterable without a crimp tool.
- Splicer-reducers join two conductors of different size in line; insulate to the conductor rating after installation.

Panelboard Connectors and Aluminum Splicer-Reducers

Set-screw aluminum connectors for panelboard taps, gutter splices and service equipment: single and multi-barrel bodies, one and two-hole mounting, in-line splicer-reducers. Electro tin plated, dual rated AL9CU, UL 486B.

PANELBOARD CONNECTORS Dual rated AL9CU, electro tin plated aluminum, UL 486B, 600 V, 90 °C

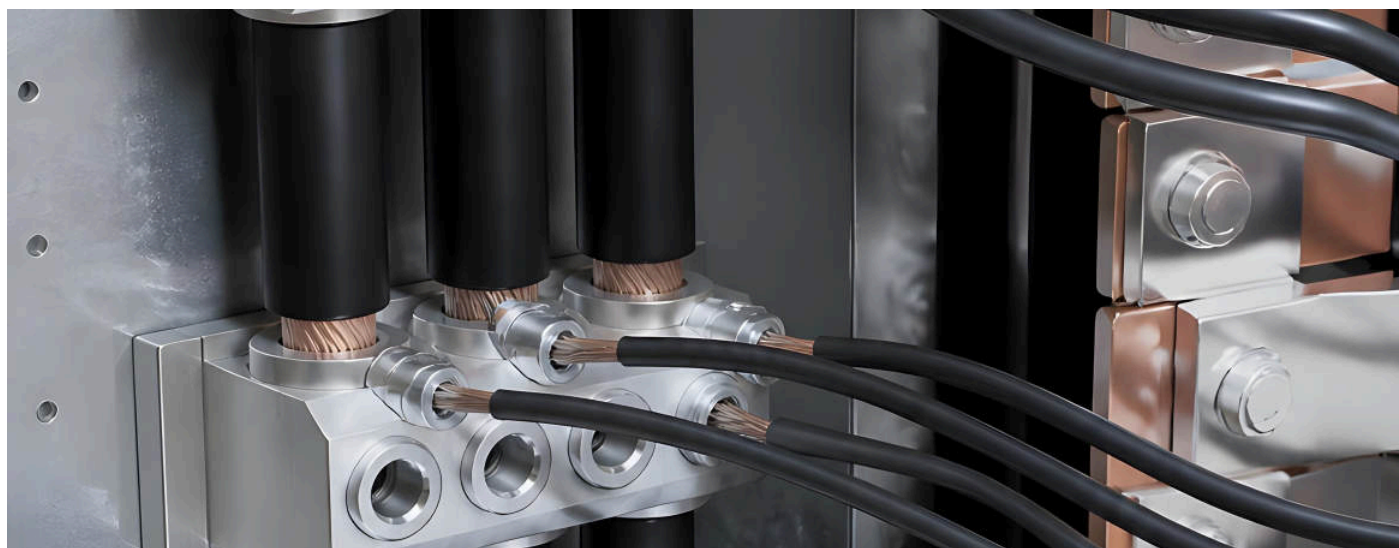
Catalog no.	Barrels	Holes	Stud / hole	Conductor range	Cross-reference
210-99002	1	1	1/4 in	14 AWG to 2 AWG	ILSCO TA-2 · Burndy KA2U
CT-PB2H1	2	1	—	—	—
CT-PB2H2	2	2	—	—	—
210-99020	3	1	3/8 in	14 AWG to 1/0 AWG	—
210-99021	3	1	1/2 in	6 AWG to 3/0 AWG	—
210-99022	3	1	1/2 in	6 AWG to 250 kcmil	—
210-99023	3	1	1/2 in	6 AWG to 350 kcmil	—
CT-PB3H2-350	3	2	5/16 in	6 AWG to 350 kcmil	—
CT-PB4H2	4	2	—	—	—

MULTI-BARREL MECHANICAL LUGS Dual rated AL9CU, electro tin plated aluminum, UL 486B, 600 V, 90 °C

Catalog no.	Barrels	Holes	Stud / hole	Conductor range	Cross-reference
CT-T3H2-1-0A	3	2	1/4 in	14 AWG to 1/0 AWG	ILSCO T3A2-0 · ABB ADR11-32

SPLICER-REDUCERS Dual rated AL9CU, electro tin plated aluminum, UL 486B, 600 V, 90 °C

Catalog no.	Conductor range	Pack	Cross-reference
61102HD	14 AWG to 1 AWG	2-pack	—
61103HD	6 AWG to 4/0 AWG	—	NSi 4/0SR · Burndy AMS4/0



Application: multi-barrel panelboard tap connectors in a panelboard gutter.

Catalog numbers in this book may replace an earlier Conversions Tech number. Earlier numbers and competitor part numbers are searchable at conversionstech.com and in the cross-reference index; application engineering confirms any cross before approval.



SECTION 05 · WHERE IT INSTALLS

05 | Insulated Tap and Splice Connectors

Insulated multi-port taps for line-side taps, gutter splices and pull boxes.

05 Insulated Tap and Splice Connectors

Plastisol-insulated set-screw connectors for line-side taps, gutter splices and multi-tap distribution, 14 AWG to 750 kcmil. Pre-filled oxide inhibitor, removable port plugs, 600 V, dual rated AL9CU, NEC 230.46 line-side service connections where marked.



LIVE STOCK AND PRICING



610-2002414



610-1002414



610-3002414



210-61001A



610-3003414



610-2004414

The stocked line. Catalog numbers and specifications begin on page 65.

HOW TO SPECIFY

- Line-side service taps: use connectors marked NEC 230.46 and torque every set screw to the marked value.
- Ports are gel filled; strip to the port depth, insert, tighten, replace the plug. No tape required within the connector rating.
- Count conductors per connector including the main; one conductor per port.

Selecting insulated taps

Choose the range that covers the largest and smallest conductor, count the ports, pick the entry that matches how the conductors arrive, then confirm the listing for the location. Every connector is plastisol insulated, pre-filled with oxide inhibitor, dual rated AL9CU, 600 V, 90 °C, listed to UL 486A-486B.



SINGLE ENTRY
e.g. 610-2002414

All ports on one face. Conductors arrive from one direction: meter sockets, gutters, troughs.



DUAL ENTRY
e.g. 610-1002414

Ports on both faces. Main from one side, taps from the other, or feed-through in a gutter.



OFFSET (ZIG-ZAG) ENTRY
e.g. 610-3002414

Two ports staggered on opposite faces: an in-line tap or splice where both conductors run the same path.



IN-LINE SPLICE
e.g. 210-61001A

Two ports end to end: joins two conductors of equal or different size within the range.

SELECT IN FOUR STEPS

Step	What to check	Why it matters
1 Range	The range printed on the connector must include the largest (main) and the smallest (tap) conductor, copper or aluminum, solid or stranded class B or C.	A set screw clamps reliably only inside the listed range; below it the screw bottoms out, above it the conductor will not seat.
2 Ports	Count one port per conductor: the main plus every tap. Choose the next size up to leave a spare for future load.	One conductor per port is the listing; unused ports stay plugged and keep their insulation rating.
3 Entry	Single entry when every conductor arrives from one side; dual entry when the main and taps come from opposite sides; offset or in-line for a splice in a straight run.	The right entry avoids reverse bends at the port, which load the set screw and the insulation.
4 Listing	UL 486A-486B, AL9CU, 600 V, 90 °C. On the line side of service equipment use connectors marked as suitable for line-side use (NEC 230.46).	Inspectors check the marking at the service; aluminum conductors need the AL9CU rating and inhibitor.

INSTALLATION

INSTALL IN FOUR MOVES

- Strip to the port depth so no bare conductor shows outside the insulation and no insulation enters the port.
- Wire brush aluminum conductors; the ports are pre-filled with inhibitor, so no extra compound is required.
- Insert the conductor fully, then tighten with a hex key to the torque printed on the connector. Do not use an impact driver.
- Replace the port plug or cap. No tape is needed within the connector's voltage rating; unused ports stay plugged.

CODE REFERENCES

- NEC 230.46: pressure connectors and devices for splices and taps on the line side of service equipment must be listed and marked for that use.
- NEC 312.8: taps and splices inside switch and panelboard enclosures may not fill more than 75 % of the space at any cross section (conductors alone 40 %).
- NEC 376.56: in metal wireways, conductors with their splices and taps may not fill more than 75 % of the area at that point.
- NEC 110.14(A): terminals for dissimilar conductors must be identified for the purpose; AL9CU covers copper and aluminum at 90 °C.

Cross-references on the following pages are matched by entry style, port count and the competitor's published conductor range (NSi Polaris IPL/IPLD/IT, Burndy UNITAP BIBS/BIBD/BIT, ILSCO PBTS/PBTD, Blackburn AMTS/AMTD, Morris). Where no competitor publishes the same range the row reads with no cross rather than a near miss.

Insulated Tap and Splice Connectors

Plastisol-insulated set-screw connectors for line-side taps, gutter splices and multi-tap distribution, 14 AWG to 750 kcmil. Pre-filled oxide inhibitor, removable port plugs, 600 V, dual rated AL9CU, NEC 230.46 line-side service connections where marked.

SINGLE ENTRY TAPS Plastisol insulated, pre-filled oxide inhibitor, dual rated AL9CU, 600 V, 90 °C, UL 486B

Catalog no.	Ports	Conductor range, main and tap	Cross-reference
610-2002414	2	14 AWG to 4 AWG	NSi IT-4 · ILSCO PBTS-2-4 · Burndy BIT4
610-3003414	3	14 AWG to 4 AWG	NSi IPL4-3 · ILSCO PBTS-3-4 · Burndy BIBS43
610-2004414	4	14 AWG to 4 AWG	NSi IPL4-4 · ILSCO PBTS-4-4 · Burndy BIBS44
60001	2	4 AWG	Morris 97102
610-2002214	2	14 AWG to 2 AWG	Morris 97103 · Burndy BIT2/0 · ABB AMT20
610-2003214	3	14 AWG to 2 AWG	Morris 97519 · Burndy BIBS2/03 · NSi IPL1/0-3
610-2004214	4	14 AWG to 2 AWG	Morris 97520 · Burndy BIBS2/04 · ABB AMTS20144
610-2002026	2	6 AWG to 2 AWG	Morris 97106 · NSi IT-3/0 · ILSCO PBTS-2-3/0
610-2003026	3	6 AWG to 2 AWG	Morris 97533 · NSi IPL3/0-3 · ILSCO PBTS-3-3/0
610-2004026	4	6 AWG to 2 AWG	Morris 97534 · NSi IPL3/0-4 · ILSCO PBTS-4-3/0
610-30020114	2	14 AWG to 1/0 AWG	NSi IT-1/0 · ILSCO PBTS-2-1/0 · Blackburn AMTS10142
610-20030114	3	14 AWG to 1/0 AWG	NSi IPL1/0-3 · ILSCO PBTS-3-1/0 · Blackburn AMTS10143
610-20040114	4	14 AWG to 1/0 AWG	NSi IPL1/0-4 · ILSCO PBTS-4-1/0 · Blackburn AMTS10144
610-2002036	2	6 AWG to 3/0 AWG	NSi IT-3/0 · ILSCO PBTS-2-3/0 · Blackburn AMTS3062
610-2003036	3	6 AWG to 3/0 AWG	NSi IPL3/0-3 · ILSCO PBTS-3-3/0 · Blackburn AMTS3063
610-2004036	4	6 AWG to 3/0 AWG	NSi IPL3/0-4 · ILSCO PBTS-4-3/0 · Blackburn AMTS3064
610-2002250	2	6 AWG to 250 kcmil	ILSCO PBTS-2-250 · Burndy BIT250 · Blackburn AMTS25062
610-2003250	3	6 AWG to 250 kcmil	NSi IPL250-3 · ILSCO PBTS-3-250 · Burndy BIBS2503
610-2004250	4	6 AWG to 250 kcmil	NSi IPL250-4 · ILSCO PBTS-4-250 · Burndy BIBS2504
610-2002350	2	6 AWG to 350 kcmil	ILSCO PBTS-2-350 · Burndy BIT350 · Blackburn AMTS35062
610-2003350	3	6 AWG to 350 kcmil	NSi IPL350-3 · ILSCO PBTS-3-350 · Burndy BIBS3503
610-2004350	4	6 AWG to 350 kcmil	NSi IPL350-4 · ILSCO PBTS-4-350 · Burndy BIBS3504
610-2002500	2	4 AWG to 500 kcmil	Blackburn AMTS50042
610-2003500	3	4 AWG to 500 kcmil	NSi IPL500-3 · Blackburn AMTS50043 · Morris 97585
610-2004500	4	4 AWG to 500 kcmil	NSi IPL500-4 · Blackburn AMTS50044 · Morris 97586
610-2002600	2	4 AWG to 600 kcmil	ILSCO PBTS-2-500 · Burndy BIT600 · NSi IT-600
610-2003600	3	4 AWG to 600 kcmil	NSi IPL600-3 · ILSCO PBTS-3-500 · Burndy BIBS6003
610-2004600	4	4 AWG to 600 kcmil	NSi IPL600-4 · ILSCO PBTS-4-500 · Burndy BIBS6004
610-3002750	1	1/0 AWG to 750 kcmil	ILSCO PBT-750 · Morris 97028

Catalog numbers in this book may replace an earlier Conversions Tech number. Earlier numbers and competitor part numbers are searchable at conversionstech.com and in the cross-reference index; application engineering confirms any cross before approval.

SINGLE ENTRY TAPS (CONTINUED) Plastisol insulated, pre-filled oxide inhibitor, dual rated AL9CU, 600 V, 90 °C, UL 486B

Catalog no.	Ports	Conductor range, main and tap	Cross-reference
610-2002750	2	1/0 AWG to 750 kcmil	Burndy BIT750
610-2003750	3	1/0 AWG to 750 kcmil	Burndy BIBS7503
610-2004750	4	1/0 AWG to 750 kcmil	Burndy BIBS7504 · NSi IPL750-4 · Blackburn AMTS7502504

DUAL ENTRY TAPS Plastisol insulated, pre-filled oxide inhibitor, dual rated AL9CU, 600 V, 90 °C, UL 486B

Catalog no.	Ports	Conductor range, main and tap	Cross-reference
610-1002414	2	14 AWG to 4 AWG	ILSCO PBTD-2-4 · Burndy BIBD42 · Blackburn AMTD4142
610-1003414	3	14 AWG to 4 AWG	ILSCO PBTD-3-4 · Burndy BIBD43 · Blackburn AMTD4143
610-1004414	4	14 AWG to 4 AWG	ILSCO PBTD-4-4 · Burndy BIBD44 · Blackburn AMTD4144
610-40214	1	14 AWG to 2 AWG	Burndy BISR2 · Morris 97017 · NSi ISR-1/0
610-1002214	2	14 AWG to 2 AWG	Morris 97115
610-1003214	3	14 AWG to 2 AWG	Morris 97624 · Burndy BIBD2/03 · ABB AMTD10143
610-1004214	4	14 AWG to 2 AWG	Morris 97625
610-4750	1	14 AWG to 1/0 AWG	NSi ISR-1/0 · ILSCO PBT-1/0 · Burndy BISR1/0
610-1002114	2	14 AWG to 1/0 AWG	ILSCO PBTD-2-1/0 · Blackburn AMTD10142 · Morris 97115
610-1003114	3	14 AWG to 1/0 AWG	ILSCO PBTD-3-1/0 · Blackburn AMTD10143 · Burndy BIBD2/03
610-1004114	4	14 AWG to 1/0 AWG	ILSCO PBTD-4-1/0 · Blackburn AMTD10144
610-42014	1	6 AWG to 2/0 AWG	Morris 97020 · NSi ISR-3/0
610-1002206	2	6 AWG to 2/0 AWG	Burndy BIBD2/02
610-1003206	3	6 AWG to 2/0 AWG	Burndy BIBD2/03 · Morris 97633 · NSi IPLD3/0-3
610-1004206	4	6 AWG to 2/0 AWG	Burndy BIBD2/04 · Morris 97634 · NSi IPLD3/0-4
610-43006	1	6 AWG to 3/0 AWG	NSi ISR-3/0
610-1002306	2	6 AWG to 3/0 AWG	ILSCO PBTD-2-3/0 · Blackburn AMTD3062
610-1004306	4	6 AWG to 3/0 AWG	NSi IPLD3/0-4 · ILSCO PBTD-4-3/0 · Blackburn AMTD3064
610-4250	1	6 AWG to 250 kcmil	NSi ISR-250 · ILSCO PBT-250 · ABB AMTSR250
610-1002250	2	6 AWG to 250 kcmil	NSi IT-250 · ILSCO PBTD-2-250 · Burndy BIBD2502
610-1003250	3	6 AWG to 250 kcmil	NSi IPLD250-3 · ILSCO PBTD-3-250 · Burndy BIBD2503
610-1004250	4	6 AWG to 250 kcmil	NSi IPLD250-4 · Burndy BIBD2504 · Blackburn AMTD25064
610-1002350	2	6 AWG to 350 kcmil	NSi IT-350 · ILSCO PBTD-2-350 · Burndy BIBD3502
610-1003350	3	6 AWG to 350 kcmil	NSi IPLD350-3 · ILSCO PBTD-3-350 · Burndy BIBD3503
610-1004350	4	6 AWG to 350 kcmil	NSi IPLD350-4 · ILSCO PBTD-4-350 · Burndy BIBD3504
610-1002500	2	4 AWG to 500 kcmil	NSi IT-500 · Blackburn AMTD50042 · Morris 97121
610-1003500	3	4 AWG to 500 kcmil	NSi IPLD500-3 · Blackburn AMTD50043 · Morris 97693
610-1004500	4	4 AWG to 500 kcmil	NSi IPLD500-4 · Blackburn AMTD50044 · Morris 97694
610-4600	1	4 AWG to 600 kcmil	NSi ISR-600

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DUAL ENTRY TAPS (CONTINUED) Plastisol insulated, pre-filled oxide inhibitor, dual rated AL9CU, 600 V, 90 °C, UL 486B

Catalog no.	Ports	Conductor range, main and tap	Cross-reference
610-1002600	2	4 AWG to 600 kcmil	NSi IT-600 · ILSCO PBTD-2-500 · Burndy BIBD6002
610-1003600	3	4 AWG to 600 kcmil	NSi IPLD600-3 · Burndy BIBD6003 · ILSCO PBTD-3-500
610-1002750	2	1/0 AWG to 750 kcmil	NSi ITH-750 · Burndy BIBD7502 · Morris 97115
610-1004750	4	1/0 AWG to 750 kcmil	Burndy BIBD7504 · NSi IPLD750-4 · ILSCO PBTD-4-750

OFFSET (ZIG-ZAG) ENTRY TAPS Plastisol insulated, pre-filled oxide inhibitor, dual rated AL9CU, 600 V, 90 °C, UL 486B

Catalog no.	Ports	Conductor range, main and tap	Cross-reference
610-3002414	2	14 AWG to 4 AWG	NSi ITO-4 · Burndy BITO4
610-3002036	2	6 AWG to 3/0 AWG	NSi ITO-3/0
610-3002250	2	6 AWG to 250 kcmil	Burndy BITO250

IN-LINE SPLICES Plastisol insulated, pre-filled oxide inhibitor, dual rated AL9CU, 600 V, 90 °C, UL 486B

Catalog no.	Ports	Conductor range, main and tap	Cross-reference
210-61001A	2	6 AWG to 2/0 AWG	Morris 97020 · NSi ISR-3/0
210-61002	2	6 AWG to 250 kcmil	NSi ISR-250 · Blackburn AMTSR250
210-61003	2	6 AWG to 350 kcmil	NSi ISR-350
210-61001	2	—	NSi ISR-1/0 · ILSCO PBT-1/0 · Burndy BISR1/0 · ABB AMTSR10



Application: insulated multi-tap connectors in a gutter and pull box.

Catalog numbers in this book may replace an earlier Conversions Tech number. Earlier numbers and competitor part numbers are searchable at conversionstech.com and in the cross-reference index; application engineering confirms any cross before approval.



SECTION 06 · WHERE IT INSTALLS

06 | Split Bolt Connectors

Copper alloy run-and-tap connectors for service drops, taps and grounding.



06 Split Bolt Connectors

High-strength copper alloy run-and-tap connectors for service taps, splices and grounding conductor connections.



LIVE STOCK AND PRICING



610T-10



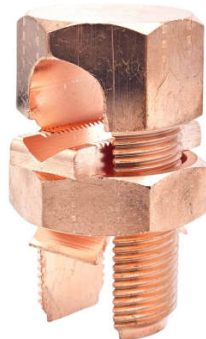
610T-250



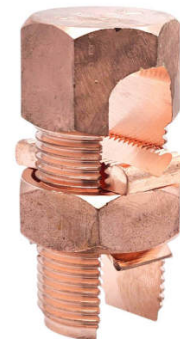
610-00104



610-0048



610-00500



610-35040

The stocked line. Catalog numbers and dimensions begin on page 71.

WHERE IT INSTALLS

- Service taps in gutters, wireways and meter enclosures
- Splices and taps in junction and pull boxes
- Grounding electrode and bonding conductor taps
- Pole, riser and service-drop connections

HOW TO SPECIFY

- Select by the larger (run) conductor; the table lists the tap range each body accepts.
- Copper alloy body with pressure bar; the run conductor passes straight through, the tap lies alongside.
- Tighten to the torque listed, then insulate the finished joint with tape to the conductor rating.
- Direct burial and rebar only where the catalog number is marked for that duty.

ALSO SEE Section 09 grounding clamps · Section 10 irreversible compression grounding

Split bolt connectors

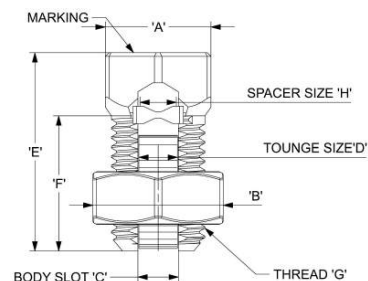
Two lines, one body design. Bare copper alloy split bolts for copper to copper taps, splices and grounding, listed to UL 467 for direct burial in earth and concrete. Tin plated split bolts, dual rated AL9CU, for copper or aluminum conductors in circuits to 35 kV, listed to UL 486A-486B and CSA C22.2 No. 65 under UL file E532633. High strength copper alloy, true hex, pressure bar between the conductors, 600 V, 90 °C.

BARE COPPER SPLIT BOLTS, UL 467, DIRECT BURIAL copper conductors; dimensions from the manufacturer drawing, inches

Catalog no.	Equal main and tap	Min. tap with max. main	A across flats	B nut	C slot	E overall	Thread	Torque lb-in
610-00812	16 STR to 8 STR	16 STR	0.44	0.50	0.150	0.98	3/8"-24 UNF	80
610-00610	10 SOL to 6 SOL	16 SOL	0.50	0.62	0.165	1.10	7/16"-20 UNF	165
610-0048	8 SOL to 4 SOL	16 SOL	0.56	0.67	0.215	1.13	1/2"-20 UNF	165
610-00261	6 SOL to 2 STR	14 STR	0.69	0.81	0.310	1.43	5/8"-18 UNF	275
610-00104	4 SOL to 1/0 STR	14 SOL	0.75	0.86	0.377	1.65	11/16"-16 UNF	385
610-00204	2 SOL to 2/0 STR	14 STR	0.96	1.13	0.410	1.90	7/8"-14 UNF	385
610-00302	2 SOL to 3/0 STR	12 SOL	1.06	1.18	0.472	2.00	15/16"-16 UN	500
610-25001	1/0 SOL to 250 kcmil	10 SOL	1.13	1.31	0.580	2.09	1"-14 UNS	650
610-35040	4/0 STR to 350 kcmil	8 SOL	1.50	1.63	0.745	2.63	1-5/16"-12 UN	650
610-00500	250 kcmil to 500 kcmil	8 SOL	—	—	—	—	—	—

TIN PLATED SPLIT BOLTS, AL9CU, UL 486A-486B, 35 KV copper or aluminum conductors; UL file E532633

Catalog no.	Equal main and tap	Min. tap	A	B	C slot	D bar	E	F	H	Strip	Thread	Torque	Body
610T-10	16 STR to 10 STR	16 STR	0.38	0.50	0.148-0.152	0.143-0.147	0.82	0.58	0.098	0.75	3/8"-24 UNF	80	Forged
610T-8	16 STR to 8 STR	16 STR	0.44	0.50	0.148-0.152	0.143-0.147	0.98	0.74	0.098	0.75	3/8"-24 UNF	80	Forged
610T-6	14 STR to 8 STR	14 STR	0.50	0.57	0.158-0.172	0.152-0.165	1.10	0.77	0.163	1.00	7/16"-20 UN...	165	Forged
610T-4	10 SOL to 6 STR	10 SOL	0.56	0.64	0.213-0.220	0.208-0.220	1.13	0.80	0.205	1.00	1/2"-20 UNF	165	Forged
610T-3	8 SOL to 2 SOL	8 SOL	0.69	0.80	0.304-0.312	0.293-0.300	1.43	0.92	0.295	1.00	5/8"-18 UNF	275	Forged
610T-2	8 SOL to 2 STR	8 SOL	0.69	0.80	0.304-0.312	0.293-0.300	1.43	0.92	0.295	1.00	5/8"-18 UNF	275	Forged
610T-1X0	6 SOL to 1/0 STR	10 SOL	0.75	0.87	0.370-0.382	0.366-0.370	1.65	1.10	0.368	1.25	11/16"-16 UN	385	Forged
610T-2X0	6 STR to 2/0 STR	10 SOL	0.96	1.13	0.406-0.413	0.397-0.403	1.90	1.28	0.391	1.25	7/8"-14 UNF	385	Cast
610T-3X0	4 STR to 3/0 STR	6 SOL	1.06	1.18	0.470-0.477	0.460-0.469	2.00	1.30	0.445	1.50	15/16"-16 UN	500	Cast
610T-250	4 STR to 250 kcmil	4 STR	1.13	1.30	0.578-0.585	0.567-0.577	2.33	1.72	0.531	1.75	1"-14 UNS	650	Cast
610T-350	3/0 STR to 350 kcmil	1 SOL	1.50	1.62	0.740-0.750	0.730-0.742	2.63	1.77	0.731	2.00	1-5/16"-12 U...	650	Cast



Manufacturer drawing ISW-01. A across flats, B nut, C body slot, D pressure bar, E overall, F thread length, G thread, H spacer. Inches.

SELECTING AND INSTALLING

- Select by the larger (run) conductor; the table lists the equal main and tap range and the smallest tap the body accepts with the largest main.
- Bare copper bodies are for copper to copper and copper to rebar, buried or encased. Tin plated bodies for aluminum conductors or mixed copper and aluminum; wire brush and apply oxide inhibitor to aluminum.
- Lay run and tap side by side in the slot with the pressure bar between them, torque the nut to the table value, then insulate the joint to the conductor rating. Competitor equivalents follow on the next page.

Split bolt cross-reference

Matched size for size against the published range tables of each manufacturer: the equal main and tap range of the competitor body must cover the same conductors as ours. Bare copper bodies cross to the copper split bolt lines (Burndy KS, Blackburn H and M, ILSCO IK, NSi N); tin plated AL9CU bodies cross to the dual rated lines (Burndy KSU, Blackburn HPS, ILSCO SK). Where no manufacturer publishes the same range the cell is left empty rather than filled with a near miss.

BARE COPPER, UL 467

Catalog no.	Body	Equal main and tap	Burndy	Blackburn	ILSCO	NSi
610-00812	Bare copper	16 STR to 8 STR	KS15	8H	IK-8	N-8
610-00610	Bare copper	10 SOL to 6 SOL	KS17	6H	IK-6	N-6
610-0048	Bare copper	8 SOL to 4 SOL	KS20	4H	IK-4	N-4
610-00261	Bare copper	6 SOL to 2 STR	KS23	1H	IK-2	N-2
610-00104	Bare copper	4 SOL to 1/0 STR	KS25	10H	IK-1/0	N-1/0
610-00204	Bare copper	2 SOL to 2/0 STR	KS26	20H	IK-2/0	N-2/0
610-00302	Bare copper	2 SOL to 3/0 STR	KS27	—	—	N-3/0
610-25001	Bare copper	1/0 SOL to 250 kcmil	KS29	40H	IK-250	N-250
610-35040	Bare copper	4/0 STR to 350 kcmil	KS31	350M	IK-350	N-350
610-00500	Bare copper	250 kcmil to 500 kcmil	KS34	500M	IK-500	N-500

TIN PLATED AL9CU, UL 486A-486B

Catalog no.	Body	Equal main and tap	Burndy	Blackburn	ILSCO	NSi
610T-10	Tin plated	16 STR to 10 STR	—	—	—	—
610T-8	Tin plated	16 STR to 8 STR	—	—	—	—
610T-6	Tin plated	14 STR to 8 STR	—	—	—	—
610T-4	Tin plated	10 SOL to 6 STR	—	6HPS	SK-4	—
610T-3	Tin plated	8 SOL to 2 SOL	—	2HPS	SK-3	—
610T-2	Tin plated	8 SOL to 2 STR	KSU23	—	SK-2	—
610T-1X0	Tin plated	6 SOL to 1/0 STR	KSU25	10HPS	—	—
610T-2X0	Tin plated	6 STR to 2/0 STR	KSU26	20HPS	SK-2/0	—
610T-3X0	Tin plated	4 STR to 3/0 STR	—	—	—	—
610T-250	Tin plated	4 STR to 250 kcmil	KSU29	—	SK-250	—
610T-350	Tin plated	3/0 STR to 350 kcmil	—	350HPS	—	—

BEFORE SUBSTITUTING

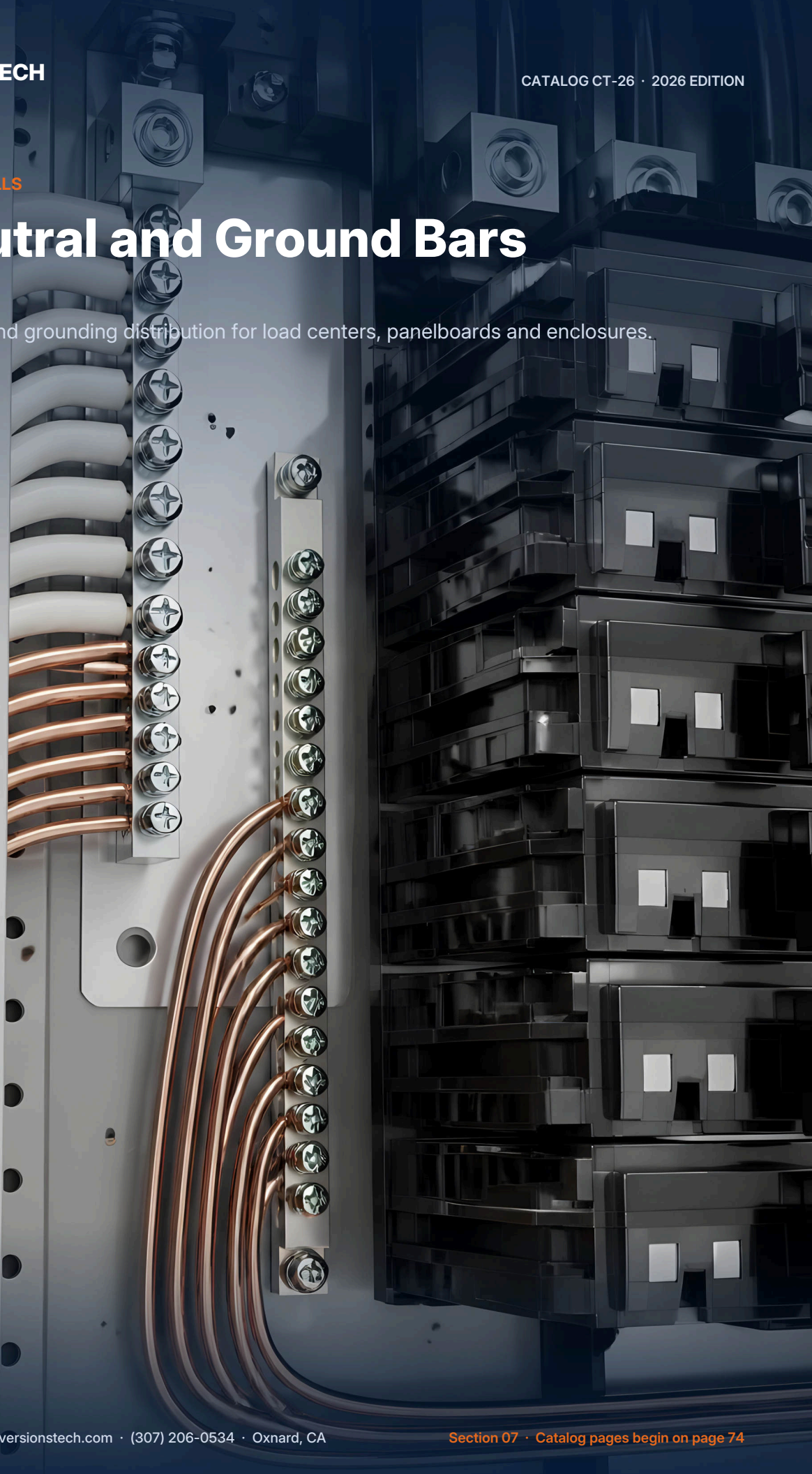
- Check the minimum tap: the smallest tap a body accepts with the largest main differs between brands (see the specification table on the previous page).
- Burndy KS and NSi N bodies are listed to UL 467 for direct burial; Blackburn H3 three-wire bolts are not listed. Our bare copper bodies are listed to UL 467 for direct burial in earth and concrete.
- For aluminum or mixed copper and aluminum conductors use a tin plated AL9CU body with the spacer, never a bare copper body.
- Every competitor number on this page is searchable at conversionstech.com and lands on the matching catalog number.



SECTION 07 · WHERE IT INSTALLS

07 | Neutral and Ground Bars

Neutral and grounding distribution for load centers, panelboards and enclosures.



07 Neutral and Ground Bars

Grounding and neutral distribution for load centers, panelboards and enclosures.



LIVE STOCK AND PRICING



210-22432



210-22434



210-22440



7714-2506



888-251A

The stocked line. Catalog numbers and dimensions begin on page 75.

WHERE IT INSTALLS

- Load centers and panelboards
- Control cabinets and enclosures
- Neutral and equipment grounding assemblies
- Solar combiner boxes

HOW TO SPECIFY

- Pick position count, then the wire range of the large and small holes.
- Mounting hole spacing is listed for drop-in replacement.
- Aluminum bars are dual rated; copper bars for copper-only grounds.
- Add a neutral lug kit for the main conductor landing.

ALSO SEE Section 03 dual-rated lugs · Solar grounding and combiner bars: conversiontech.com/collections/solar-grounding

Select a neutral or ground bar

Count the conductors that land on the bar and add spares, then pick the wire range that covers the largest and smallest conductor. Tin-plated aluminum bars are dual rated for copper and aluminum conductors; copper bars are for copper-only grounding electrode and bonding work. Every bar is listed by position count so a replacement in an existing panel is a direct match.

1 Positions

Terminal count, including the large main-neutral or ground position where the bar has one. Add 20 % spare positions on new panels.

2 Conductor range

Small-hole range covers branch neutrals and grounds; large-hole range covers the feeder or electrode conductor. Both are printed in the table.

3 Material and mounting

Aluminum, dual rated, for neutral and ground service. Copper for copper-only grounding. Mounting hole centers match the panel footprint.

THE RANGE



210-22431
Neutral bar, aluminum, 3 positions
14 AWG to 6 AWG



210-22433
Neutral bar, aluminum, 6 positions
14 AWG to 2 AWG



210-22441
Neutral bar, aluminum, 12 positions



778-0077
Ground bar, aluminum, 15 positions



Neutral lug, aluminum, — positions

ENGINEERING NOTES

- Terminal screws are tightened to the torque marked on the bar or its carton, per NEC 110.14(D); a calibrated torque screwdriver is required on inspection in most jurisdictions.
- One conductor per terminal unless the terminal is marked for two. Neutral conductors are never doubled.
- Aluminum conductors: wire brush and apply oxide inhibitor before insertion. Dual-rated bars accept copper and aluminum in adjacent positions.
- Bond the bar to the enclosure only where it serves as the equipment ground or at the service disconnect; isolate neutral bars downstream of the service.
- Overall length and mounting centers are listed where the factory drawing is on file; drawings for the remaining catalog numbers are available from application engineering before approval.

NEUTRAL BARS, ALUMINUM dual rated AL9CU, tin plated

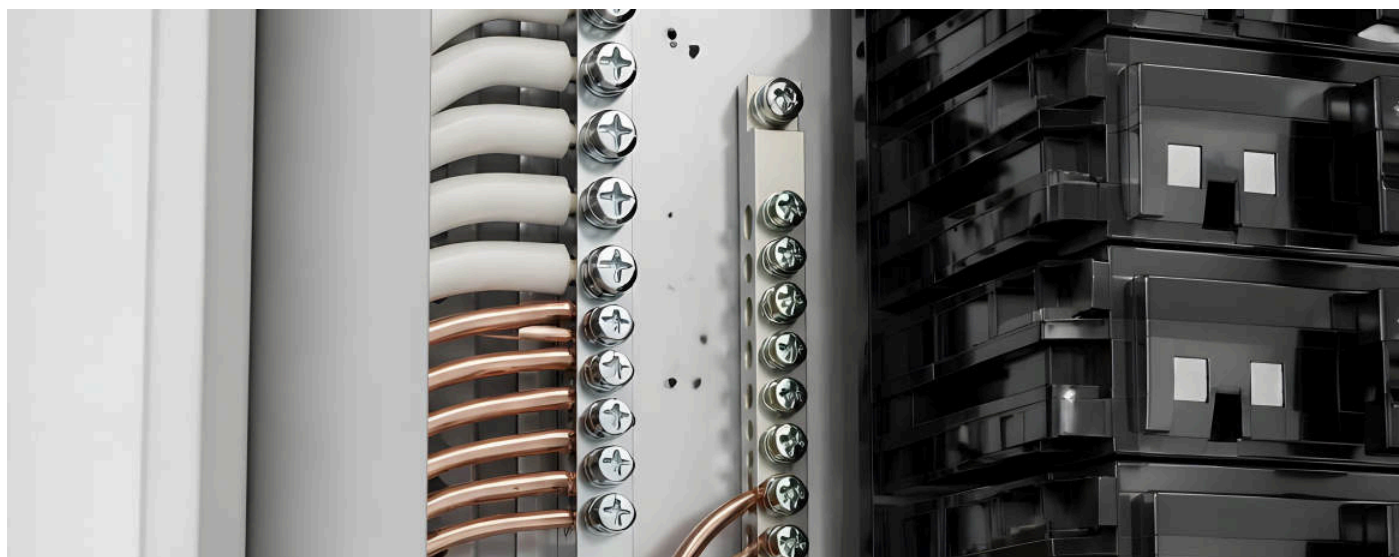
Catalog no.	Positions	Conductor range	Material
210-22431	3	14 AWG to 6 AWG	Aluminum
210-22432	5	14 AWG to 4 AWG	Aluminum
888-251A	5	4 AWG to 14 awg	Aluminum
210-22433	6	14 AWG to 2 AWG	Aluminum
210-22435	6	14 AWG to 2/0 AWG	Aluminum
210-22434	7	14 AWG to 1 AWG	Aluminum
210-22436	7	6 AWG to 250 kcmil	Aluminum
210-22437	7	4 AWG to 300 kcmil	Aluminum
210-22438	8	6 AWG to 350 kcmil	Aluminum
888-281A	8	4 AWG to 14 awg	Aluminum
210-22439	9	6 AWG to 500 kcmil	Aluminum
210-22440	11	4 AWG to 600 kcmil	Aluminum
210-22441	12	—	Aluminum

GROUND BARS, ALUMINUM dual rated AL9CU, tin plated

Catalog no.	Positions	Conductor range	Material	Overall L
778-0077	15	—	Aluminum	4.50
CT15GTA	15	12 AWG to 4 awg	Aluminum	—

NEUTRAL LUGS, ALUMINUM dual rated AL9CU, tin plated

Catalog no.	Conductor range	Material	Overall L
7714-2506	6 AWG to 250 kcmil	Aluminum	2.50



Application: neutral and ground bars in a load center.

Catalog numbers in this book may replace an earlier Conversions Tech number. Earlier numbers and competitor part numbers are searchable at conversionstech.com and in the cross-reference index; application engineering confirms any cross before approval.

Neutral and ground bars by application

The bar is the last place the system neutral and the equipment grounds are kept apart, or the one place they are joined. Choose it by where it sits in the system, then by positions and conductor range.

Where it goes	Bar	Rule that sets it
Service equipment	Neutral bar, main bonding jumper	N-G joined here only, NEC 250.24, 250.28
Panelboards and load centers	Isolated neutral bar + ground bar	Neutral isolated, NEC 250.24(A)(5), 408.40
Separately derived systems	Neutral + ground bar, system bonding jumper	One bond at the source, NEC 250.30
Isolated-ground circuits	Insulated ground bar	IG run to the source, NEC 250.146(D)
Control panels (UL 508A)	Ground bar on the backplate	One conductor per terminal
Solar combiners and DC	Combiner bar or ground bar	A position per string, plus spares
Telecom and data rooms	Copper ground bar	Two-hole lugs on the bar

1 Count positions

Every branch neutral or ground gets its own terminal; one conductor per hole unless the bar is marked for two. Add 20 % spare on new work.

2 Match the range

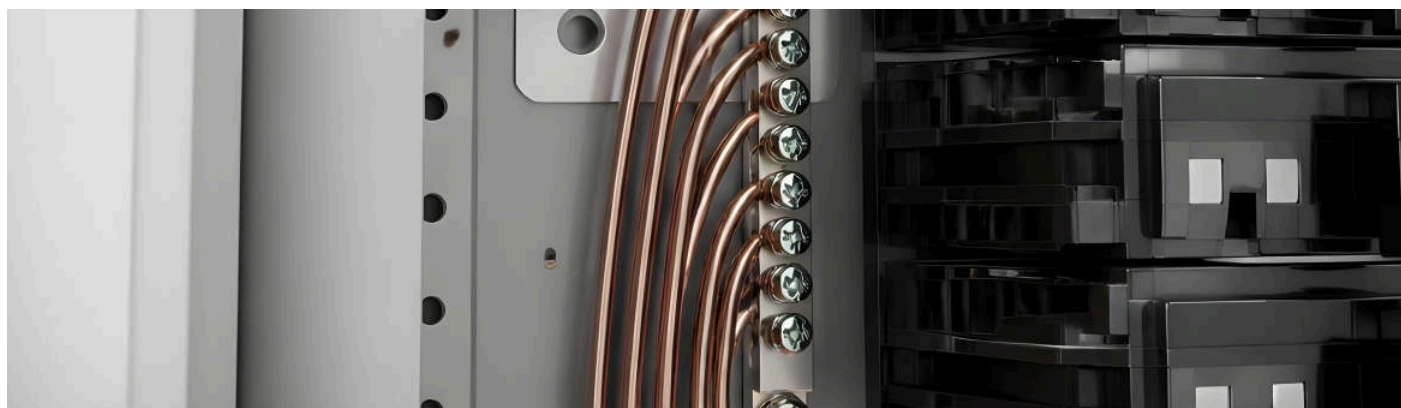
Small holes cover the branch range, large holes the feeder, service or electrode conductor. Both ranges are in the table for every bar.

3 Mount and bond

Isolated neutral bars mount on insulators; ground bars bond directly to the enclosure. Match the mounting centers to the existing footprint.

COMMON INSPECTION FINDINGS, AND HOW THE RIGHT BAR AVOIDS THEM

- Two neutrals under one screw: not permitted unless the terminal is marked for it, NEC 408.41. Order the position count, not the next size down.
- Neutral and ground joined downstream of the service: objectionable current on the grounding path, NEC 250.24(A)(5). Use separate bars in every subpanel.
- Aluminum conductor in a copper-only bar: use the tin-plated aluminum bars, dual rated AL9CU, for mixed conductors.



Application: bonded ground bar with bare copper equipment grounding conductors.

Bars built to your print

Panel builders and OEMs need a bar that fits their enclosure, not the nearest catalog size. Send the drawing or the bar you are replacing and we engineer the match: hole count, pattern, threads and mounting, in aluminum or copper.

MATERIAL

- 6061 aluminum, electro tin plated, dual rated AL9CU
- Electrolytic copper C11000, bare or tin plated

TERMINALS

- Hole count, diameters and spacing to your pattern
- Tapped threads (#10-32, 1/4-20 and others) with binding or set screws
- Large lug positions for the main neutral or electrode conductor

MOUNTING

- Mounting hole centers to your enclosure footprint
- Insulators and standoffs for isolated neutral bars
- Brackets and backplate mounting for control panels

FINISH AND MARKING

- Length, width and thickness to the current the bar carries
- Green ground or neutral identification
- Part marking to your number on request

FROM DRAWING TO PRODUCTION

1 Send

Drawing, sample bar or the OEM number it replaces, with quantity and conductor ranges

2 Engineer

We check terminal ranges, current capacity and spacing, and return a dimensioned drawing for approval

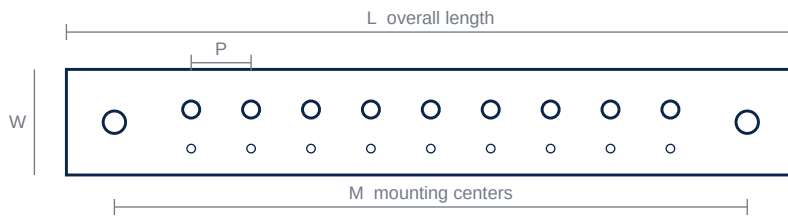
3 Approve

Your sign-off on the drawing fixes the part; it gets its own catalog number

4 Produce

Built to the approved drawing and shipped to your schedule; reorder by catalog number

WHAT TO PUT ON THE PRINT



- L, W, T and material
- Terminal count, hole size and thread
- Pitch P and any large lug positions
- Mounting hole size and centers M
- Insulators or direct mount
- Conductor range per position

Send drawings to cs@conversionstech.com · (307) 206-0534



SECTION 08 · WHERE IT INSTALLS

08 | Busbars, Distribution Blocks and Solar Combiner Bars

Busbars, power distribution blocks and combiner bars for panels and PV systems.

08

Busbars, Distribution Blocks and Solar Combiner Bars

Copper and aluminum busbars, insulated terminal blocks and power distribution blocks for panel builders, battery banks and control cabinets.



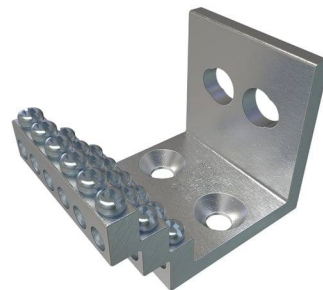
LIVE STOCK AND PRICING



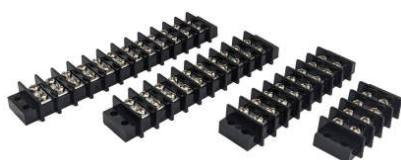
600-2115



6855-600



880-18018



625-300-02



772-314001



601-0212

The stocked line. Catalog numbers and specifications begin on page 81.

HOW TO SPECIFY

- Size the block by the line conductor, then confirm the load terminal count and conductor range.
- Mount on insulators or standoffs rated for the system voltage; maintain the clearances in the listing.
- Torque per the marked value; recheck after the first thermal cycle on busbar bolted joints.

Busbars, Distribution Blocks and Solar Combiner Bars

Copper and aluminum busbars, insulated terminal blocks and power distribution blocks for panel builders, battery banks and control cabinets.

POWER DISTRIBUTION BLOCKS

Catalog no.	Rating	Voltage	Positions
600-2115	115 A	600 V	2
772-314001	175 A	600 V AC	3
601-0212	760 A	600 V	1

BUSBARS

Catalog no.	Rating	Voltage	Positions	Cross-reference
6855-600	600 A	48 V DC / 300 V A...	2	Blue Sea 2104

SOLAR COMBINER BARS

Catalog no.	Strings	Conductor range	Material
880-18018	18	14–4 AWG	Aluminum, dual rated AL9CU
880-18021	21	14–4 AWG	Aluminum, dual rated AL9CU
880-18024	24	14–4 AWG	Aluminum, dual rated AL9CU
880-18027	27	14–4 AWG	Aluminum, dual rated AL9CU
880-18030	30	14–4 AWG	Aluminum, dual rated AL9CU
880-18033	33	14–4 AWG	Aluminum, dual rated AL9CU
880-18036	36	14–4 AWG	Aluminum, dual rated AL9CU
880-18039	39	14–4 AWG	Aluminum, dual rated AL9CU
880-18042	42	14–4 AWG	Aluminum, dual rated AL9CU

TERMINAL STRIPS

Catalog no.	Rating	Voltage	Positions	Conductor range	Cross-reference
625-300-02	25 A	300 V	36	22 AWG to 12 AWG	Bussmann TB100 · EATON BUSSMAN TB
630-250-03P	30 A	250 V	6	22 AWG to 10 AWG	Bussmann TB200 · Cinch 140

Catalog numbers in this book may replace an earlier Conversions Tech number. Earlier numbers and competitor part numbers are searchable at conversionstech.com and in the cross-reference index; application engineering confirms any cross before approval.



SECTION 09 · WHERE IT INSTALLS

09 | Grounding Clamps and Bonding

Rod, pipe, rebar and intersystem bonding hardware for the grounding electrode system.



09 Grounding Clamps and Bonding

Rod, pipe, rebar and conduit bonding hardware aligned to NEC 250: bronze and zinc ground clamps, rod couplings, intersystem bonding terminations, water heater bonding kits and solar grounding clips. Direct burial where listed to UL 467.



LIVE STOCK AND PRICING



A complete grounding electrode system: rod electrodes with listed clamps, the water pipe bond within 5 ft of entry, the concrete-encased electrode, the intersystem bonding termination.



662-GRC050



880-012106



880-22314



3114-0001

The stocked line. Catalog numbers and specifications begin on page 84.

HOW TO SPECIFY

- Rod clamps: one conductor per clamp unless marked for two; the clamp must be listed for the rod material (copper-bonded, galvanized or stainless).
- Direct burial and concrete encasement only where the catalog number is marked DB; zinc clamps are for dry indoor bonding.
- Torque the clamp screw to the marked value; a loose clamp is the most common grounding electrode defect found at inspection.

Designing the grounding electrode system

Every electrode present at the building is bonded together into one system (NEC 250.50). The table walks the code requirements in the order an inspector reads them and names the hardware that satisfies each one. All grounding connectors in this section are listed to UL 467 for the duty marked on the part.

Element	NEC (2023)	Requirement	Specify
Rod electrode	250.52(A)(5)	At least 8 ft in contact with soil. Copper-bonded or stainless rods at least 5/8 in diameter, or 1/2 in where listed.	Copper-bonded rod, 10 mil copper, UL 467, NEMA GR-1
Single rod	250.53(A)(2)	A single rod must be supplemented by a second electrode unless it measures 25 ohms or less to earth.	Second rod and a second clamp
Spacing	250.53(A)(3)	Supplemental rods at least 6 ft apart; farther is more effective, up to twice the rod length.	Bonding jumper between rods
Driving	250.53(A)(4)	Drive vertically; on rock drive at not more than 45°, or lay in a trench at least 30 in deep. Top flush or below grade unless protected.	Sectional rods and couplings for deep drives
Connection	250.70	Exothermic weld, listed lug, listed pressure connector or listed clamp. One conductor per clamp unless the clamp is listed for more.	Bronze rod clamp listed for the rod material
Buried connection	250.68(A) Ex. 1	A connection to a driven, buried or encased electrode need not be accessible when it is listed for direct burial or concrete encasement.	Clamp marked DB (direct burial)
Water pipe	250.52(A)(1) · 250.68(C)	Metal water pipe in contact with earth 10 ft or more is an electrode; connect within the first 5 ft of entry and supplement it.	Pipe clamp sized to the pipe and the GEC
Concrete-encased	250.52(A)(3)	At least 20 ft of 1/2 in rebar or 4 AWG bare copper encased in 2 in of concrete near the bottom of the footing.	Rebar clamp listed for concrete encasement
Electrode conductor	250.66(A)(B)	The conductor to a rod need not be larger than 6 AWG copper; to a concrete-encased electrode, 4 AWG copper.	Clamp range must include the GEC size
Intersystem bonding	250.94	At the service, an accessible termination with capacity for at least three intersystem bonding conductors.	Listed intersystem bonding termination
Piping bonding	250.104	Bond metal water piping; bond other metal piping likely to become energized, sized from Table 250.122.	Bonding jumper kit and pipe clamps

CLAMP SELECTION

- Size the clamp by the rod or pipe it fits, then confirm the conductor range covers the electrode conductor.
- Bronze clamps for direct burial and concrete; zinc die-cast clamps only for dry, accessible indoor bonding.
- Match the clamp to the rod material: copper-bonded, galvanized and stainless rods each need a clamp listed for them.
- Torque the clamp screw to the value marked on the clamp; recheck before backfill.

RODS AND STANDARDS

- UL 467 listing requires a rod at least 8 ft long with 10 mil minimum copper bonded to the steel core.
- NEMA GR-1 covers dimensions, coating and straightness of copper-bonded rods; sectional rods thread or couple to reach depth.
- Substation grids and buried joints that must never be re-made: use the irreversible compression section (IEEE 837).
- Competitor numbers on the next pages are matched by rod or pipe size and published conductor range.

Grounding Clamps and Bonding

Rod, pipe, rebar and conduit bonding hardware aligned to NEC 250: bronze and zinc ground clamps, rod couplings, intersystem bonding terminations, water heater bonding kits and solar grounding clips. Direct burial where listed to UL 467.

GROUND ROD CLAMPS UL 467 grounding and bonding equipment where listed

Catalog no.	Rod / pipe / conduit	Conductor range	Material	Burial	Listing	Cross-reference
662-GRC050	1/2 in	—	Bronze	Direct burial	UL 467	ERICO HDC12
610-0158	1/2 to 5/8 in	10 AWG to 1/0 AWG	—	—	—	ERICO CP34
662-GRC075	3/4 in	2 AWG	Bronze	Direct burial	UL 467	ERICO HDC34
610-0038	3/8 in	10 AWG to 2 AWG	Copper alloy	—	—	ERICO CP38
662-GRC038	3/8 in	—	Bronze	Direct burial	—	ERICO CP38
610-0012	3/8 to 1/2 in	10 AWG to 2 AWG	—	—	—	—
662-GRC058	5/8 in	2 AWG	Bronze	Direct burial	UL 467	ERICO HDC58

PIPE CLAMPS UL 467 grounding and bonding equipment where listed

Catalog no.	Rod / pipe / conduit	Conductor range	Material	Burial	Listing	Cross-reference
880-012106	—	10 AWG to 2 AWG	Bronze	Direct burial	UL 467	—
880-22312	1/2 to 1 in	8 AWG to 4/0 AWG	Bronze	Direct burial	—	Blackburn 3902BU
662-GC10Z	1/2 to 1 in	—	Zinc	—	—	Bridgeport 1308DC
210-22312	3/8 to 1 in	8 AWG to 4/0 AWG	—	—	—	—

REBAR CLAMPS UL 467 grounding and bonding equipment where listed

Catalog no.	Rod / pipe / conduit	Conductor range	Material
880-22314	1-1/4 to 2 in	8 AWG to 4/0 AWG	Silicon bronze
880-22313	1/2 to 1 in	8 AWG to 4/0 AWG	Bronze
880-22315	2-1/4 to 2 in	8 AWG to 4/0 AWG	Silicon bronze

INSULATED GROUNDING BUSHINGS UL 467 grounding and bonding equipment where listed

Catalog no.	Rod / pipe / conduit	Material	Listing	Cross-reference
3114-0001	1 in	Zinc	UL 514B	Arlington 452
3114-0112	1-1/2 in	Zinc	UL 514B	Arlington 454
3114-0114	1-1/4 in	Zinc	UL 514B	Arlington 453
3114-0012	1/2 in	Zinc	UL 514B	Arlington 450
3114-0002	2 in	Zinc	UL 514B	Arlington 455
3114-0034	3/4 in	Zinc	UL 514B	Arlington 451

Catalog numbers in this book may replace an earlier Conversions Tech number. Earlier numbers and competitor part numbers are searchable at conversionstech.com and in the cross-reference index; application engineering confirms any cross before approval.

GROUNDING HARDWARE AND ACCESSORIES UL 467 grounding and bonding equipment where listed

Catalog no.	Conductor range	Cross-reference
686-012	12 AWG	Ideal 30-3404

Also stocked: EPP5050, EPP2424. Specifications and drawings on each product page at conversionstech.com.



Application: grounding electrode system with rod, pipe and rebar bonding.

Catalog numbers in this book may replace an earlier Conversions Tech number. Earlier numbers and competitor part numbers are searchable at conversionstech.com and in the cross-reference index; application engineering confirms any cross before approval.



SECTION 10 · WHERE IT INSTALLS

10 | Irreversible Compression Grounding

C-taps and rod-to-cable connectors for buried and concrete-encased grounding grids.



10 Irreversible Compression Grounding

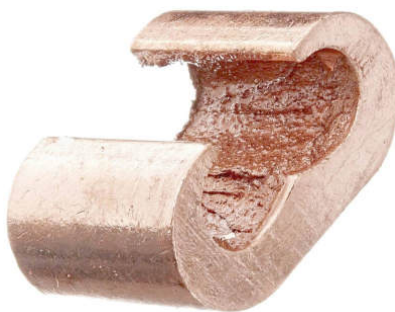
C-taps, figure 8 and figure 6 connections engineered to IEEE 837.



LIVE STOCK AND PRICING



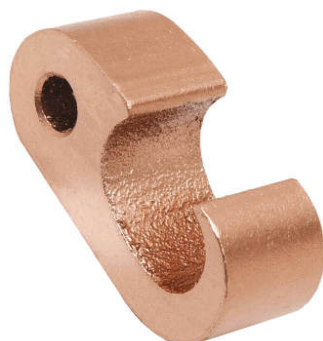
610-23101



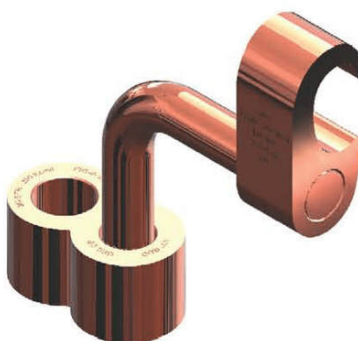
610-23107



610-23134



610-23155



6400-0008



8882-007

The stocked line. Catalog numbers and dimensions begin on page 89.

WHERE IT INSTALLS

- Substation ground grids
- Utility switchyards
- Irreversible buried grounding joints
- Solar farm equipment grounding

HOW TO SPECIFY

- Pick the run conductor, then the tap conductor.
- C-taps for a tee or cross; figure 8 for parallel runs.
- Crimp with the die index listed on the product page.
- Meets IEEE 837 for buried, permanent connections.

ALSO SEE Section 09 clamps · Section 11 ground rods · Dies and crimp tools: conversiontech.com/collections/compression-lug-dies

10 Irreversible compression grounding

Copper compression C-taps, figure 8 and figure 6 rod-to-cable connectors and cross connectors for grounding electrode systems. Direct burial in earth or concrete, IEEE 837 class. Sold each, 10, 25 and 100 packs where shown.

RATING
600 V, 90 °C

STANDARDS
UL 467, IEEE 837

LISTING
cULus, RoHS

Compression C-taps

610-231 / 610-241 series

- Copper extruded C sleeve for tapping, splicing and pig-tailing; add suffix C copper plated, T tin plated.



Catalog no.	Run conductor	Tap conductor
610-23101	Thin wall	See listing
610-23102	16 to 10 AWG range taking	16 to 10 AWG
610-23103	8 to 10 AWG thin wall	8 to 10 AWG
610-23104	6 to 8 AWG thin wall	6 to 8 AWG
610-23105	3 AWG thin wall	12 AWG
610-23106	Copper compression C-tap	See listing
610-23108	2 to 1/0 AWG thin wall	3-2 / 4-3 / 12-4 AWG
610-23109	Copper compression C-tap	See listing
610-23110	Copper compression C-tap	See listing
610-24101	6 to 2 AWG STR or 1/4 in rod	6 to 2 AWG STR
610-24102	1 to 2/0 AWG	6 to 2 AWG
610-24103	1 to 2/0 AWG	See listing
610-24104	3/0 to 250 kcmil	6 to 2/0 STR
610-24105	3/0 to 250 kcmil	3/0 to 250 kcmil
610-24106	3/0 to 500 kcmil	3/0 to 500 kcmil
610-24107	3/0 to 250 kcmil	3/0 to 250 kcmil
610-24108	3/0 to 500 kcmil	3/0 to 250 kcmil
610-23107	300 to 500 kcmil	3/0 to 250 kcmil

Figure 8 rod-to-cable connectors

610-2313 / 610-2314 series

- Irreversible compression connection of a grounding conductor to a ground rod.



Catalog no.	Rod	Cable range
610-23131	1/2 in	2 STR to 2/0 STR
610-23141	1/2 in	2 STR to 2/0 STR
610-23134	1/2 in	2/0 cable
610-23135	1/2 in	250 kcmil
610-23132	5/8 in	See listing
610-23133	5/8 in	2 STR to 2/0 STR
610-23139	5/8 in	4 STR to 250 kcmil
610-23136	5/8 in	4 STR to 250 kcmil
610-23136A	3/4 in	250 kcmil
610-23140	3/4 in	4 STR to 250 kcmil
610-23138	1 in	4 STR to 250 kcmil
610-23137	1 in	250 kcmil

RATING 600 V	STANDARDS UL 467, CSA C22.2 No. 41, NEC Article 250	LISTING cULus E532634, RoHS
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Figure 6 cable-to-cable connectors

610-2315 / 610-2317 series

- Parallel and tee connections between grounding conductors.



Catalog no.	Run	Tap
610-23153	1/2 to 5/8	4 SOL to 2 STR
610-23171	1/0 to 250 kcmil	4 SOL to 2 STR
610-23174	1/0 to 250 kcmil	4 SOL to 2 STR
610-23154	1/0 to 250 kcmil	4 to 2 STR
610-23176	1/0 to 250 kcmil	4 to 2 STR
610-23155	1/2 to 5/8	1/0 to 2/0 STR
610-23172	1/0 to 2/0 STR	1/0 to 2/0 STR
610-23175	1/0 to 2/0 STR	1/0 to 2/0 STR
610-23156	1/2 to 5/8	3/0 STR to 250 kcmil
610-23173	3/0 STR to 250 kcmil	3/0 STR to 250 kcmil
610-23157	250 to 500 kcmil	4 SOL to 2 STR
610-23158	250 to 500 kcmil	See listing
610-23159	250 to 500 kcmil	3/0 STR to 250 kcmil
610-23160	250 to 500 kcmil	350 to 500 kcmil

Catalog no.	Run	Tap
610-23178	250 to 500 kcmil	1/0 to 2/0 STR
6400-0008	Cross connector	250 to 500 kcmil

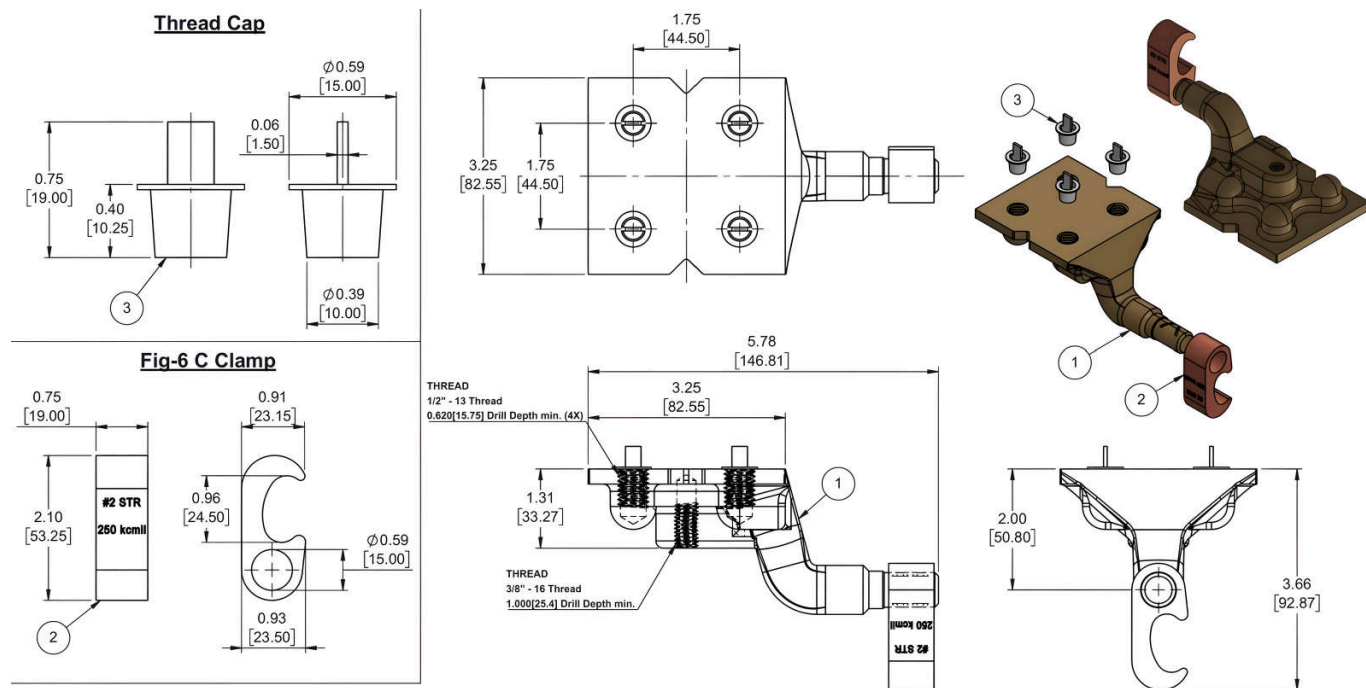
RATING 600 V	STANDARDS UL 467, CSA C22.2 No. 41, NEC Article 250	LISTING cULus E532634, RoHS
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Application: buried grounding grid joined with irreversible compression connectors.

Compression grounding plate, UL 467

A ground pad cast into the concrete: the plate sits flush in the foundation, wall or pier, and the grounding conductor is crimped to its tail before the pour. Bolt equipment, building steel or a bonding jumper to the 4-hole NEMA pad once the concrete has cured.



Manufacturer assembly drawing. Inches [mm]. 1 plate, 2 Figure 6 C clamp, 3 thread cap.

CT-GP294N • SPECIFICATION

Catalog no.	CT-GP294N
Published equal	Burndy YGF294N
Listing	UL 467 grounding and bonding
Conductor	2 AWG to 250 kcmil copper, stranded
Pad	4-hole NEMA, 3.25 x 3.25 in
Pad holes	1/2-13 tapped, 0.62 in deep, 1-3/4 in c/c
Positioning thread	3/8-16 tapped underside, 1.00 in deep
Overall length	5.78 in (146.8 mm)
Overall height	3.66 in (92.9 mm)
Pad height	1.31 in (33.3 mm)
Body	Cast copper alloy, C84400
Conductor clamp	Figure 6 C clamp, C110 copper
Thread caps	4 HDPE caps, keep threads clean in the pour
Weight	2.7 lb (1.23 kg)

INSTALLING

- Thread a 3/8-16 rod into the underside and set the plate on it so the pad face sits flush with the finished concrete surface.
- Leave the four caps in the pad holes until the forms are stripped; they keep paste out of the 1/2-13 threads.
- Strip the conductor, seat it fully in the C clamp and crimp with the die marked on the connector before the pour.
- After cure, remove the caps and bolt the lug, jumper or equipment to the pad with 1/2-13 hardware.

WHERE IT IS USED

- Equipment grounding pads in foundations, housekeeping pads and walls
- Bonding building steel, columns and pier caps to the grounding electrode system
- Substation and data center grounding grids brought up through the slab



CONVERSIONS TECH
A ROCK BRIDGE GROUP COMPANY

CATALOG CT-26 · 2026 EDITION

SECTION 11 · WHERE IT INSTALLS

11

Ground Rods

Copper-bonded steel grounding electrodes, single and sectional.

11 Ground Rods

Copper-bonded steel grounding electrodes with 10 mil minimum copper to NEMA GR-1 and UL 467, plus stainless and solid copper rods for corrosive soils. Pointed, chamfered driving end; sectional rods thread together for deep electrodes.



LIVE STOCK AND PRICING



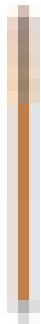
22029



22011



22012



22025



22026



22027

The stocked line. Catalog numbers and specifications begin on page 95.

HOW TO SPECIFY

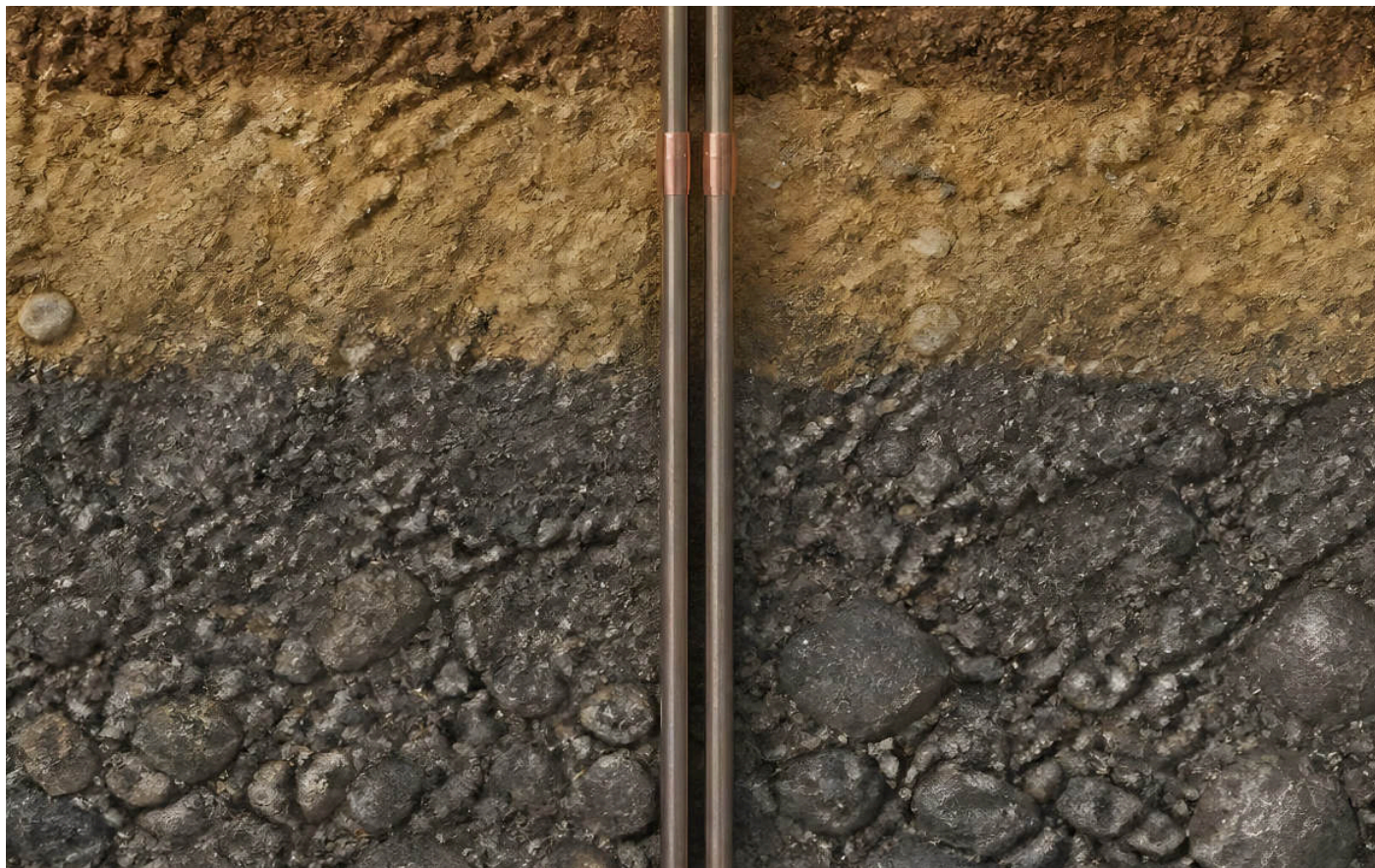
- NEC 250.52(A)(5): rods 5/8 in and larger, 8 ft minimum in contact with soil; listed rods may be 1/2 in.
- Drive to full depth or bury horizontally in a 30 in trench where rock prevents driving; couple sectional rods for deep electrodes.
- Pair with the clamps in the grounding section or with irreversible compression joints for buried connections.

Ground Rods

Copper-bonded steel grounding electrodes with 10 mil minimum copper to NEMA GR-1 and UL 467, plus stainless and solid copper rods for corrosive soils. Pointed, chamfered driving end; sectional rods thread together for deep electrodes.

COPPER-BONDED STEEL RODS 10 mil minimum copper, NEMA GR-1, UL 467

Catalog no.	Diameter	Length	Material	Copper	Cross-reference
22029	1 in	10 ft	Copper-bonded steel	—	ERICO 614400
22011	1/2 in	10 ft	Copper-bonded steel	—	ERICO 611300
22012	1/2 in	15 ft	Copper-bonded steel	—	—
22025	3/4 in	8 ft	Copper-bonded steel	—	ERICO 613480 · Galvan 7508
22026	3/4 in	10 ft	Copper-bonded steel	10 mil	ERICO 613400 · Galvan 7510 · Dottie GR3410
22027	3/4 in	12 ft	Copper-bonded steel	—	ERICO 613412
22016	5/8 in	9 ft	Copper-bonded steel	10 mil	—
22018	5/8 in	12 ft	Copper-bonded steel	—	ERICO 615812



Application: copper-bonded ground rods, single and sectional, driven to depth.

Catalog numbers in this book may replace an earlier Conversions Tech number. Earlier numbers and competitor part numbers are searchable at conversionstech.com and in the cross-reference index; application engineering confirms any cross before approval.



SECTION 12 · WHERE IT INSTALLS

12

Transmission and Distribution Hardware

Hot-line clamps, cutouts, arrester connectors and spade terminals for overhead distribution.

12 Transmission and Distribution Hardware

Hot-line tap clamps, Type C cutouts and hinges, arrester connectors, NEMA bushing spade terminals, LV and tri-clamp secondary bushings and transformer tank grounds.



LIVE STOCK AND PRICING



01 SECONDARY BUSHINGS
ILV series



02 NEMA SPADE TERMINALS
ITS series



03 HOT-LINE CLAMPS, BRONZE
IHL series



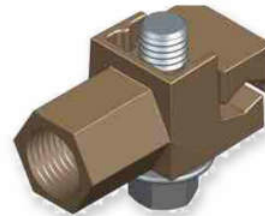
04 HOT-LINE CLAMPS, ALUMINUM
IHLA series



05 TANK GROUND CLAMPS
ITCS / ITCL series



06 ARRESTER CONNECTORS
ILAT20



07 ARRESTER TERMINALS
IGC207LA



08 CUTOUT FUSE HOLDERS
IFH series

The stocked line. Catalog numbers and dimensions begin on page 98.

WHERE IT INSTALLS

- Overhead distribution taps on energized lines
- Transformer protection and visible-break switching
- Pole-mount and pad-mount transformer secondaries
- Arrester, tank and neutral grounding

HOW TO SPECIFY

- Hot-line clamps: pick by main and tap conductor diameter; aluminum for ACSR and AAC, bronze for copper.
- Cutouts: pick by system voltage and BIL, then the fuse link.
- Spade terminals and bushings: match the stud thread, then the pad or current rating.
- Every table row names the published equal from Hubbell, MacLean, ABB, S&C or Eaton where one exists.

ALSO SEE Section 09 grounding clamps · Section 10 substation grounding · Section 11 ground rods

Transmission and distribution hardware

Hot-line clamps, Type C cutouts, arrester connectors, bushing spade terminals, secondary bushings and tank grounds: the hardware a distribution crew reaches for, with the published equal on every row.

HOT-LINE TAP CLAMPS

ANSI C119.4



Install and remove tap connections on energized overhead lines with standard hot-line tools. Aluminum IHLA for ACSR and all-aluminum lines; bronze IHL for copper and high-temperature service; tin-plated IHL..T for mixed metals and coastal service.

Catalog no.	Body	Main range	Tap range	A	B	C	Published equals
IHLA20	Aluminum	#8 sol – 2/0 str (.128–.414)	#8 sol – 2/0 str (.128–.414)	4.83	1.25	2.50	MacLean C1520AP · Hubbell S1520AA
IHLA30	Aluminum	#6 sol – 397.5 (.162–.745)	#6 sol – 3/0 str (.162–.547)	7.49	1.78	2.51	MacLean C1530A9* · Hubbell S1530AA*
IHLA40	Aluminum, heavy n	#6 sol – 397.5 (.162–.745)	#6 sol – 3/0 str (.162–.547)	6.75	1.75	2.50	MacLean C1530A9* · Hubbell S1530AA*
IHLA60	Aluminum	4/0 – 800 kcmil (.502–1.031)	(.198–.703)	6.62	2.00	2.81	MacLean C1540A9 · MacLean C1540AP
IHL20	Bronze	#8 sol – 2/0 str (.128–.414)	#8 sol – 2/0 str (.128–.414)	4.83	1.25	2.50	Hubbell BC20 · ABB HLC2108
IHL20T	Bronze, tin plated	#8 sol – 2/0 str (.128–.414)	#8 sol – 2/0 str (.128–.414)	4.83	1.25	2.50	Hubbell BC20FTP · ABB HLC2108P
IHL30	Bronze	#6 sol – 4/0 str (.162–.547)	#6 sol – 4/0 str (.162–.547)	6.68	1.38	2.30	MacLean C1530* · Hubbell S1530CC*
IHL30T	Bronze, tin plated	#6 sol – 4/0 str (.162–.547)	#6 sol – 4/0 str (.162–.547)	6.68	1.38	2.30	MacLean C1530P* · ABB HLC3974P*
IHL40	Bronze	4/0 – 800 kcmil (.502–1.031)	#4 – 350	6.63	4.87	2.81	Hubbell S1540CC
IHL40T	Bronze, tin plated	4/0 – 800 kcmil (.502–1.031)	#4 – 350	6.63	4.87	2.81	Hubbell S1540CC*

A, B, C in inches; conductor diameters in inches.

DROP-OUT FUSE CUTOUTS AND HINGE

IEEE C37.41 / C37.42, IEC 60282-2



Type C cutouts: fuse holder and visible-break disconnect in one device. The fiberglass tube drops to a visible open position on operation. Verify fuse-link type and rating at order.

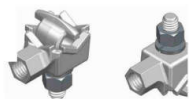
Catalog no.	Voltage	BIL	Current	Interrupting	Frequency	Notes	Published equals
IFH15	15 kV	95 kV	100 / 200 A	to 12 kA	50 / 60 Hz	Porcelain	Hubbell C710112PXM* · S&C 89031R10*
IFH27	27 kV	125 kV	100 / 200 A	to 12.5 kA	50 / 60 Hz	Porcelain	Hubbell C710213PXM* · S&C 89032R10*
IFH38	38 kV class	150 kV	100 / 200 A	to 12.5 kA	50 / 60 Hz	Porcelain	Hubbell C720313LXS*
IHA152738	15 / 27 / 38 kV	—	100 / 200 A	—	—	Hinge, Cu / bronze, 90–180°	No published equal



Application: pole-top distribution transformer with hot-line clamps, cutouts and arresters.

ARRESTER CONNECTORS AND TERMINALS

NEMA CC1, IEEE 837, 600 V



Bronze arrester line and ground connections. Mount to a drilled plate or bar with a 3/8-16 cap screw, or thread onto a 3/8-16 bushing stud with the jam nut.

Catalog no.	Type	Stud	Conductor range	Wt / 100 (lb)	Published equals
ILAT20	Type LAT connector, eyebolt	3/8-16	#8 sol – 2/0 str (.12–.42)	40	Hubbell LAT20
IGC207LA	Low-profile ground terminal	3/8-16	#6 sol – 1/0 str (.162–.373)	22	Hubbell GC207LA

NEMA SPADE TERMINALS FOR TRANSFORMER BUSHINGS

NEMA CC1



Bronze spade terminals for transformer bushings and terminal pads. 9/16 in holes on 1-3/4 in NEMA spacing; secures to the bushing stud with a jam nut. Match the bushing stud thread, then pick the pad size.

Catalog no.	Stud	Length in (mm)	Width in (mm)	Height in (mm)	Published equals
ITS01	5/8-11	5.12 (130)	1.37 (35)	0.31 (8)	No published equal
ITS02	1-14	5.06 (129)	1.93 (49)	0.34 (9)	No published equal
ITS03	5/8-11	8.50 (216)	1.37 (35)	0.31 (8)	No published equal
ITS04	1-14	8.56 (218)	1.93 (49)	0.34 (9)	No published equal
ITS05	5/8-11	8.50 (216)	1.37 (35)	0.31 (8)	No published equal
ITS06	1-14	8.56 (218)	2.00 (50)	0.34 (9)	No published equal
ITS07	5/8-11	5.37 (136)	3.50 (89)	0.25 (6)	ABB 2042-1*
ITS08	1-14	5.87 (149)	3.50 (89)	0.37 (9)	ABB 2042-2* · ABB 2042-18*
ITS09	5/8-11	5.37 (136)	3.50 (89)	0.25 (6)	ABB 2042-1*
ITS10	5/8-11	6.62 (168)	3.50 (89)	0.37 (9)	No published equal
ITS11	1-14	7.00 (178)	3.50 (89)	0.37 (9)	ABB 2042-35*
ITS12	1-14	7.00 (178)	3.50 (89)	0.37 (9)	ABB 2042-35*
ITS13	5/8-11	8.37 (213)	3.50 (89)	0.37 (9)	ABB 2042-8*
ITS14	1-14	8.75 (222)	3.50 (89)	0.37 (9)	ABB 2042-9*
ITS15	1-1/4-12	7.12 (181)	3.50 (89)	0.37 (9)	ABB 2042-10* · ABB 2042-6*
ITS16	1-1/4-12	9.12 (232)	3.50 (89)	0.37 (9)	ABB 2042-14*
ITS17	1-1/4-12	14.00 (356)	4.00 (102)	0.50 (13)	ABB 2042-41*
ITS18	1-1/4-12	17.50 (445)	4.00 (102)	0.50 (13)	No published equal

TRANSFORMER SECONDARY BUSHINGS

IEC 60137; IEEE C57.19.01 (ILV porcelain), IEEE 386 (tri-clamp)



ILV porcelain LV bushings carry the secondary through the tank wall of pole-mount transformers: eyebolt, threaded stud, complete assembly or spade. Tri-clamp bushings fit pad-mount tanks where a rectangular flange will not.

Catalog no.	Style	Wire range	Stud / thread	Rating	Published equals
ILV-521	Eyebolt	6 – 4/0 str	3/8-16 / M10	LV class	ERMCO 9U10LPB010*
ILV-863	Eyebolt	6 – 4/0 str	3/8-16 / M10	LV class	ERMCO 9U10LPB010*
ILV-865	Eyebolt	6 – 350 kcmil	1/2-13 / M12	LV class	ERMCO 9U10LPB050*
ILV-521-S	Threaded stud	6 – 4/0 str	3/8-16 / M10	LV class	No published equal
ILV-863-S	Threaded stud	6 – 4/0 str	3/8-16 / M10	LV class	No published equal
ILV-865-S	Threaded stud	6 – 350 kcmil	1/2-13 / M12	LV class	No published equal
ILV-521-AS	Complete assembly	6 – 4/0 str	3/8-16 / M10	LV class	No published equal
ILV-863-AS	Complete assembly	6 – 4/0 str	3/8-16 / M10	LV class	No published equal
ILV-865-AS	Complete assembly	6 – 350 kcmil	1/2-13 / M12	LV class	No published equal
ILV-2H-AS	2-hole spade	—	1/2-13 / M12	LV class	ERMCO 9U10SPB201 / 9U10SPB202*
ILV-4H-AS	4-hole spade	—	5/8-11 / M16	LV class	ERMCO 9U10SPB401 / 9U10SPB402*
ILV-600	Tri-clamp, pad mount	—	5/8-11	600 A, 1.2 kV, BIL 30	ERMCO 9U10BAA003* · Prolec B1976*
ILV-1200	Tri-clamp, pad mount	—	1-14	1200 A, 1.2 kV, BIL 30	ERMCO 9U10TGA601* · Prolec B1978*
ILV-2100	Tri-clamp, pad mount	—	1-1/4-12	2100 A, 1.2 kV, BIL 30	No published equal

TRANSFORMER TANK GROUND CLAMPS

NEMA CC1, IEEE 837, 600 V



Bronze ground clamps bolt direct to the tank, frame or steel. A tapered stud thread locks without lockwashers and holds through thermal cycling. GTCL 90° for tank taps; GTCS four-way straight mount to 250 kcmil.

Catalog no.	Type	Copper range	L	H	W	J	Stud	Published equals
ITCL10	GTCL 90°	#10 sol – #1 str	7/8	1-1/2	1-3/8	3/8	1/2-13	Hubbell GTCL23ATP
ITCL8	GTCL 90°	#8 sol – 2/0 str	1	1-7/8	1-17/32	3/8	1/2-13	Hubbell GTCL34ATP
ITCS10	GTCS four-way	#10 sol – #1 str	1-1/8	1-5/8	1-7/8	3/8	1/2-13	Hubbell GTCS21
ITCS8	GTCS four-way	#8 sol – 2/0 str	1-1/4	1-7/8	2-1/4	3/8	1/2-13	Hubbell GTCS34A · MacLean TG-820*
ITCS6	GTCS four-way	#6 sol – 250 kcmil	1-5/8	2-3/8	2-1/2	1/2	1/2-13	Hubbell GTCS41 · Hubbell GTCS41TP

L, H, W, J in inches.

FOR THE LINE CREW: THE REST OF THIS BOOK

Job	What to use	Where
In-line copper splices	Compression sleeves, short and long barrel, color-keyed dies	Section 02
Terminations	Copper compression lugs 10 AWG to 1000 kcmil, one and two-hole NEMA	Section 01
Service taps	Split bolts and insulated multi-tap connectors	Section 06
Substation and pole grounds	Irreversible compression C-taps and figure 6/8, IEEE 837	Section 10
Electrodes	Copper-bonded ground rods and listed clamps, UL 467	Section 11

Ratings, dimensions and standards are those published for each catalog number. Published equals are from each maker's catalog or spec sheet; * marks a closest part (a rating, range or material differs), confirm fit. Quote by catalog number and quantity for project and storm stock.



SECTION 13 · WHERE IT INSTALLS

13

Battery Cable Lugs

Tinned and bare copper lugs for fine-strand battery cable in DC, RV, marine and storage systems.

13 Battery Cable Lugs

Purpose-built for fine-strand Class K battery cable, available bare and tinned.



LIVE STOCK AND PRICING



+



+

Bare copper (NP)

Electro-tinned (TP)

The stocked line. Catalog numbers and dimensions begin on page 103.

WHERE IT INSTALLS

- Battery banks and UPS systems
- Engine-generator connections
- RV, marine and solar storage
- Fine-strand flexible cable terminations

HOW TO SPECIFY

- Size by cable gauge and stud size.
- Bare copper for enclosed battery rooms; tinned for marine and outdoor.
- Dimensions: A conductor bore, E stud hole, B barrel, J overall.
- Crimp with a hex die matched to the barrel, then heat-shrink.

ALSO SEE Section 01 compression lugs · RV, marine and solar power: conversiontech.com/collections/oem-rv-marine

13

Battery cable lugs

Seamless tubular copper compression lugs, 600 V, for battery, starter, ground and welding cable. Flared entry accepts fine-strand Class K cable. NP bare copper, TP electro-tinned.

RATING
600 V

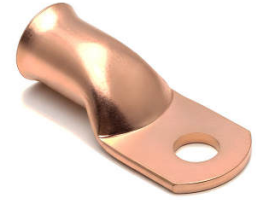
STANDARDS
UL 486A-486B

LISTING
RoHS

6221 series, bare and tinned

6221-{size}-{stud}-NP / -TP

- Dimensions identical between finishes; specify bare for dry interior DC runs, tinned for marine, vehicle and corrosive environments.



Catalog no.	Wire size	Stud	Finish
6221-04-014-TP	4 AWG	1/4	Tinned
6221-04-038-TP	4 AWG	3/8	Tinned
6221-02-014-TP	2 AWG	1/4	Tinned
6221-02-0516-TP	2 AWG	5/16	Tinned
6221-02-038-TP	2 AWG	3/8	Tinned
6221-01-038-NP	1 AWG	3/8	Bare
6221-01-012-NP	1 AWG	1/2	Bare
6221-010-014-NP	1/0 AWG	1/4	Bare
6221-010-0516-NP	1/0 AWG	5/16	Bare
6221-010-038-NP	1/0 AWG	3/8	Bare
6221-010-038-TP	1/0 AWG	3/8	Tinned
6221-010-012-NP	1/0 AWG	1/2	Bare
6221-020-014-NP	2/0 AWG	1/4	Bare
6221-020-0516-NP	2/0 AWG	5/16	Bare
6221-020-038-NP	2/0 AWG	3/8	Bare
6221-020-038-TP	2/0 AWG	3/8	Tinned
6221-020-012-NP	2/0 AWG	1/2	Bare
6221-030-0516-NP	3/0 AWG	5/16	Bare
6221-030-038-NP	3/0 AWG	3/8	Bare
6221-030-038-TP	3/0 AWG	3/8	Tinned
6221-030-012-NP	3/0 AWG	1/2	Bare
6221-040-0516-NP	4/0 AWG	5/16	Bare
6221-040-038-NP	4/0 AWG	3/8	Bare
6221-040-012-NP	4/0 AWG	1/2	Bare
6221-040-012-TP	4/0 AWG	1/2	Tinned



APPLICATION OVERVIEW · REFERENCE

Industrial and plant electrical rooms

Switchgear, motor control, cable tray feeders, transformers and the grounding bus: lugs, splices, mechanical connectors and bonding hardware for industrial power distribution. Reference tables follow.

Conductor Sizes and Die Color Code



One-hole compression lug



Two-hole compression lug



90° flag lug



Long barrel lug



U-die kit



12-ton crimper



Mechanical lug



Neutral bar

Die color bands as marked on compression lugs and splices, and the matching 12-ton U-die index.

Conductor	mm ²	Conductor	mm ²
10 AWG	5.26	4/0 AWG	107
8 AWG	8.37	250 kcmil	127
6 AWG	13.3	300 kcmil	152
4 AWG	21.2	350 kcmil	177
3 AWG	26.7	400 kcmil	203
2 AWG	33.6	500 kcmil	253
1 AWG	42.4	600 kcmil	304
1/0 AWG	53.5	750 kcmil	380
2/0 AWG	67.4	1000 kcmil	507
3/0 AWG	85.0		

Size	Die color	Size	Die color
8	Red	4/0	Purple
6	Blue	250	Yellow
4	Gray	300	White
3	White	350	Red
2	Brown	400	Blue
1	Green	500	Brown
1/0	Pink	600	Green
2/0	Black	750	Black
3/0	Orange	1000	Purple

STANDARDS REFERENCED IN THIS CATALOG

UL 486A-486B	Wire connectors, copper and aluminum
UL 467	Grounding and bonding equipment
UL 514B	Conduit, tubing and cable fittings
UL 2239	Conduit and cable support hardware
CSA C22.2	Canadian electrical equipment standards

NEC Article 250	Grounding and bonding requirements
IEEE 837	Permanent connections for substation grounding
NEMA GR-1	Copper-bonded ground rod electrodes
IEC 62561-2	Lightning protection earth electrodes
RoHS	Restriction of hazardous substances

Pack sizes, weights and downloadable spec sheets are shown on each product page. Specifications subject to change without notice.

Cross-Reference Index: competitor to CT

Every competitor number printed in this book, by brand, with the Conversions Tech catalog number it crosses to. Crosses are matched by published specification: conductor range, stud, rod or pipe size, port count, trade size. Confirm range and listing on the product page before substituting; every number here is also searchable at conversionstech.com.

Competitor	CT no.	Competitor	CT no.	Competitor	CT no.	Competitor	CT no.	Competitor	CT no.
ILSCO		CLNS-6-14	CT-LB614	CSWS-4-38	CT-SB438	IK-250	610-25001	TA-600-2N	99009A
AU-0	210-99031 +	CLNS-6-38	CT-LB638	CSWS-4-516	CT-SB4516	IK-350	610-35040	TA-800-2N	99010A
AU-250	210-99014	CLNS-6-516	CT-LB6516	CSWS-6-10	CT-SB610	IK-500	610-00500	TA-350-2NS	210-99007A
AU-350	CT-T2H1-350	CLNS-8-14	CT-LB814	CSWS-6-12	CT-SB612	IK-1/0	610-00104	TA-600-2NS	99009A
AU-600	210-99028A +	CLNS-8-38	CT-LB838	CSWS-6-14	CT-SB614	IK-2/0	610-00204	TA-800-2NS	99010A
AU-800	210-99017 +	CLNS-8-516	CT-LB8516	CSWS-6-38	CT-SB638	ILD-66	210-98137	TA-6-S	CT-T1H1-4A +
AU-1000	CT-T2H1-1000	CLNS-300-12	CT-LB30012	CSWS-6-516	CT-SB6516	ILD-76	210-98139	TA-800-S	210-99010 +
AU-2/0	CT-T2H1-2-0A	CLNS-1/0-14	CT-LB1014	CSWS-8-10	CT-SB810	LTL-1	212-5001	TA-1000-S	610-99011
CGRC-58	662-GRC058	CLNS-1/0-516	CT-LB10516	CSWS-8-14	CT-SB814	LTL-2	212-5002 +	TA-2/0	210-99004 +
CLND-1-12-134	CT-LT112	CRA-2/0L	CT-LB2038	CSWS-8-38	CT-SB838	LTL-4	210-98129	T3A2-250N	210-99032
CLND-1-38-1	CT-LT138A	CRA-250L	CT-LB25012	CSWS-8-516	CT-SB8516	PB4-600	CT-SL42-600	T3A2-1000N	210-99026
CLND-2-10-34	CT-LT210A	CRA-350L	CT-LB35012	CSWS-250-12	CT-SB25012	PB4-600-2N	CT-SL42-600	T3A4-350N	210-99033 +
CLND-2-12-134	CT-LT212	CRA-500L	CT-LB50012	CSWS-250-38	CT-SB25038	PBT-250	610-4250	T3A4-1000N	210-99026 +
CLND-2-14-1	CT-LT214B	CRA-1000L	210-98082C	CSWS-250-516	CT-SB250516	PBT-750	610-3002750	T4A4-250N	210-99038
CLND-2-14-34	CT-LT214A	CRB-4/0B	CT-LB4012	CSWS-300-12	CT-SB30012	PBT-1/0	210-61001 +	T4A4-350N	210-99039
CLND-2-38-1	CT-LT238A	CRB-3/0L	CT-LB3012	CSWS-300-38	CT-SB30038	PBTD-2-4	610-1002414	T4A4-600N	210-99040
CLND-2-38-134	CT-LT238B	CSWD-1-12-13	CT-ST112	CSWS-300-516	210-09809	PBTD-2-250	610-1002250		
CLND-2-516-34	CT-LT2516	CSWD-1-38-1	CT-ST138	CSWS-300-516	210-09807	PBTD-2-350	610-1002350	BURNDY	
CLND-3-38-34	CT-LT338	CSWD-1-516-1	CT-ST1516	CSWS-350-12	CT-SB35012	PBTD-2-500	610-1002500 +	AMS4/0	61103HD
CLND-4-10-34	CT-LT410A	CSWD-2-12-13	CT-ST212	CSWS-350-38	CT-SB35038	PBTD-3-4	610-1003414	BIBD42	610-1002414
CLND-4-12-134	CT-LT412	CSWD-2-14-1	CT-ST214B	CSWS-400-12	CT-SB40012	PBTD-3-250	610-1003250	BIBD43	610-1003414
CLND-4-14-34	CT-LT414A	CSWD-2-38-1	CT-ST238	CSWS-400-38	CT-SB40038	PBTD-3-350	610-1003350	BIBD44	610-1004414
CLND-4-38-1	CT-LT438A	CSWD-3-38-1	CT-ST338	CSWS-500-12	CT-SB50012	PBTD-3-500	610-1003500 +	BIBD2502	610-1002250
CLND-4-516-1	CT-LT4516	CSWD-4-10-34	CT-ST410A	CSWS-500-38	CT-SB50038	PBTD-4-4	610-1004414	BIBD2503	610-1003250
CLND-6-12-134	CT-LT612	CSWD-4-12-13	CT-ST412	CSWS-500-58	CT-SB50058	PBTD-4-350	610-1004350	BIBD2504	610-1004250
CLND-6-14-12	CT-LT614	CSWD-4-38-1	CT-ST438	CSWS-600-12	CT-SB60012	PBTD-4-750	610-1004750	BIBD3502	610-1002350
CLND-6-14-34	CT-LT614B	CSWD-4-516-1	CT-ST4516	CSWS-600-58	CT-SB60058	PBTD-2-1/0	610-1002114	BIBD3503	610-1003350
CLND-6-38-1	CT-LT638A	CSWD-6-10-34	CT-ST610B	CSWS-750-12	CT-SB75012	PBTD-2-3/0	610-1002306	BIBD3504	610-1004350
CLND-6-516-1	CT-LT6516A	CSWD-6-14-1	CT-ST614C	CSWS-750-38	CT-SB75038	PBTD-3-1/0	610-1003114 +	BIBD6002	610-1002500 +
CLND-8-38-1	CT-LT838	CSWD-6-38-1	CT-ST638	CSWS-750-58	CT-SB75058	PBTD-3-3/0	610-1003206	BIBD6003	610-1003600
CLND-250-12-1	CT-LT25012A	CSWD-6-516-3	CT-ST6516	CSWS-1000-12	210-98043C	PBTD-4-1/0	610-1004114	BIBD7502	610-1002750
CLND-250-14-3	CT-LT25014	CSWD-8-14-1	CT-ST814B	CSWS-1000-58	210-98043B +	PBTD-4-3/0	610-1004206 +	BIBD7504	610-1004750
CLND-250-38-1	CT-LT25038	CSWD-8-38-1	CT-ST838	CSWS-1/0-12	CT-SB1012	PBTS-2-4	610-2002414	BIBD2/02	610-1002114 +
CLND-350-12-1	CT-LTM35012	CSWD-250-12	CT-ST25012	CSWS-1/0-14	CT-SB1014	PBTS-2-250	610-2002250	BIBD2/03	610-1003114 +
CLND-600-12-1	CT-LTM60012	CSWD-250-14	CT-ST25014	CSWS-1/0-38	CT-SB1038	PBTS-2-350	610-2002350	BIBD2/04	610-1004206
CLND-750-12-1	CT-LTM75012	CSWD-250-38	CT-ST25038	CSWS-1/0-516	CT-SB10516	PBTS-2-500	610-2002600	BIBS43	610-3003414
CLND-750-38-1	210-98110A	CSWD-1000-12	210-98110b	CSWS-2/0-12	CT-SB2012	PBTS-3-4	610-3003414	BIBS44	610-2004414
CLND-1/0-12-1	CT-LT1012	CSWD-10-12-1	CT-ST1012	CSWS-2/0-14	CT-SB2014	PBTS-3-250	610-2003250	BIBS2503	610-2003250
CLND-1/0-14-3	CT-LT1014A	CSWD-1/0-14-1	CT-ST1014B	CSWS-2/0-38	CT-SB2038	PBTS-3-350	610-2003350	BIBS2504	610-2004250
CLND-1/0-38-1	CT-LT1038A	CSWD-1/0-38-1	CT-ST1038	CSWS-2/0-516	CT-SB20516	PBTS-3-500	610-2003600	BIBS3503	610-2003350
CLND-1/0-516-1	CT-LT10516	CSWD-10-516	CT-ST10516	CSWS-3/0-12	CT-SB3012	PBTS-3-4	610-2004414	BIBS3504	610-2004350
CLND-2/0-12-1	CT-LT2012	CSWD-2/0-12-1	CT-ST2012	CSWS-3/0-14	CT-SB3014	PBTS-4-250	610-2004250	BIBS6003	610-2003600
CLND-2/0-38-1	CT-LT2038A	CSWD-2/0-14-1	CT-ST2014B	CSWS-3/0-38	CT-SB3038	PBTS-4-350	610-2004350	BIBS6004	610-2004600
CLND-2/0-516-1	CT-LT20516	CSWD-2/0-38-1	CT-ST2038	CSWS-3/0-516	CT-SB30516	PBTS-4-500	610-2004600	BIBS7503	610-2003750
CLND-3/0-12-1	CT-LT3012A	CSWD-2/0-516	CT-ST20516	CSWS-4/0-12	CT-SB4012	PBTS-2-1/0	610-30020114	BIBS7504	610-2004750
CLND-3/0-38-1	CT-LT3038A	CSWD-3/0-12-1	CT-ST3012	CSWS-4/0-14	CT-SB4014	PBTS-2-3/0	610-2002026 +	BIBS2/03	610-2003214
CLND-3/0-516-1	CT-LT30516	CSWD-3/0-38-1	CT-ST3038	CSWS-4/0-38	CT-SB4038	PBTS-3-1/0	610-20030114 +	BIBS2/04	610-2004214
CLND-4/0-12-1	CT-LT4012A	CSWD-3/0-516	CT-ST30516	CSWS-4/0-516	CT-SB40516	PBTS-3-3/0	610-2003026 +	BISR2	610-40214
CLND-4/0-38-1	CT-LT4038B	CSWD-4/0-12-1	CT-ST4012	CT-1	210-98115	PBTS-4-1/0	610-20040114	BISR250	610-4250
CLND-4/0-516-1	CT-LT40516	CSWD-4/0-14-3	CT-ST4014	CT-2	210-98114	PBTS-4-3/0	610-2004026 +	BISR1/0	210-61001 +
CLNS-1-12	CT-LB112	CSWD-4/0-38-1	CT-ST4038	CT-4	210-98113	SK-2	610T-2	BIT4	610-2002414
CLNS-1-14	CT-LB114	CSWD-4/0-516	CT-ST40516	CT-6	210-98112	SK-3	610T-3	BIT250	610-2002250
CLNS-1-38	CT-LB138	CSWS-1-12	CT-SB112	CT-750	210-98126	SK-4	610T-4	BIT350	610-2002350
CLNS-2-10	CT-LB210	CSWS-1-14	CT-SB114	CT-1/0	210-98116	SK-250	610T-250	BIT600	610-2002600
CLNS-2-12	CT-LB212	CSWS-1-38	CT-SB138	CT-2/0	210-98117	SK-2/0	610T-2X0	BIT750	610-2002750
CLNS-2-14	CT-LB214	CSWS-1-516	CT-SB1516	CT-4/0	210-98119	SLU	210-23301 +	BIT2/0	610-2002214
CLNS-2-38	CT-LB238	CSWS-2-10	CT-SB210	CTL-250	212-5250	SLU-35	210-21001 +	BITO4	610-3002414
CLNS-2-516	CT-LB2516	CSWS-2-12	CT-SB212	CTL-1/0	212-5010	TA-0	CT-T1H1-1-0A	BITO250	610-3002250
CLNS-3-12	CT-LB312	CSWS-2-14	CT-SB214	CTL-2/0	212-5020	TA-2	210-99002	GRC12	662-GRC050
CLNS-3-14	CT-LB314	CSWS-2-38	CT-SB238	CTL-3/0	210-98134 +	T3A2-0	CT-T3H2-1-0A	GRC34	662-GRC075
CLNS-3-38	CT-LB338	CSWS-2-516	CT-SB2516	CTL-4/0	212-5040	TA-250	CT-T1H1-250	GRC58	662-GRC058
CLNS-4-10	CT-LB410	CSWS-3-12	CT-SB312	GRC-38	662-GRC038	TA-300	CT-T1H1-300-3	KA2U	210-99002 +
CLNS-4-12	CT-LB412	CSWS-3-14	CT-SB314	GRC-48	662-GRC050	TA-350	CT-T1H1-350	K2A25U	CT-T2H1-1-0A
CLNS-4-14	CT-LB414	CSWS-3-38	CT-SB338	GRC-68	662-GRC075	TA-500	210-99008 +	K2A26U	CT-T2H1-2-0A
CLNS-4-38	CT-LB438	CSWS-3-516	CT-SB3516	IK-2	610-00261	TA-600	210-99009 +	K2A29U	210-99014
CLNS-6-10	CT-LB610	CSWS-4-10	CT-SB410	IK-4	610-0048	TA-800	210-99010 +	K2A31U	CT-T2H1-350
CLNS-6-12	CT-LB612	CSWS-4-12	CT-SB412	IK-6	610-00610	TA-1000	610-99011 +	K2A36U	210-99028A +
		CSWS-4-14	CT-SB414	IK-8	610-00812	TA-350-2N	210-99007A	K2A40U	210-99017 +
								K2A44U	CT-T2H1-1000

Cross-Reference Index (continued)

Competitor	CT no.	Competitor	CT no.	Competitor	CT no.	Competitor	CT no.	Competitor	CT no.
K3A25U2	CT-T3H2-1-0A	YA8CL4	CT-SB812	YA44L2	210-98043C	LAMB350-12-6	210-99007A	LCA2/0-56	210-98021
KA6U	CT-T1H1-6A	YA1C2LN	CT-ST112	YA252L	CT-ST10516	LAMB600-12-3	99009A	LCA3/0-56	210-98025
K22A36U2	CT-SL42-600	YA2C2LN	CT-ST212	YA252LN	CT-ST1012	LAM3D350-12-	210-99033 +	LCA4/0-14	210-98029
KA25U	CT-T1H1-1-0A	YA4C2LN	CT-ST412	YA262LN	CT-ST2012	LAM3LB600-12	210-99024	LCA1/0-12-X	CT-SB1012
KA26U	210-99004	YA8C2LN	CT-ST812	YA272LN	CT-ST3012	LAM4SB600-38	CT-SL42-600	LCA1/0-14-X	CT-SB1014
KA29U	210-99005A +	YA1CL2TC38	CT-ST138	YA282LN	CT-ST4012	LCA1-12	210-98016A	LCA1/0-38-X	CT-SB1038
KA30U	210-99006A +	YA2CL2TC38	CT-ST238	YA292LN	CT-ST25012	LCA2-14	210-98012	LCA1/0-56-X	CT-SB10516
KA31U	CT-T1H1-350	YA3CL2TC38	CT-ST338	YA25L2TC38	CT-ST1038	LCA2-38	210-98013A	LCA2/0-12-X	CT-SB2012
KA34U	210-99008 +	YA4CL2TC38	CT-ST438	YA26L2TC38	CT-ST2038	LCA2-56	210-98013	LCA2/0-14-X	CT-SB2014
KA36U	210-99009 +	YA4CL2TC516	CT-ST4516	YA27L2TC38	CT-ST3038	LCA3-12	210-98010E	LCA2/0-38-X	CT-SB2038
KA40U	210-99010 +	YA6CL2TC38	CT-ST638	YA28L2TC38	CT-ST4038	LCA3-38	210-98010D	LCA2/0-56-X	CT-SB20516
KA44U	610-99011 +	YA8CL2TC38	CT-ST838	YA29L2TC38	CT-ST25038	LCA6-10	210-98003	LCA3/0-12-X	CT-SB3012
KA40U-2N	99010A	YA2CL2TC14E	CT-ST214B	YA29LTC78	CT-SB25078	LCA6-12	210-09823	LCA3/0-14-X	CT-SB3014
K2A44U2N	CT-SL21-1000	YA6CL2TC14E	CT-ST614	YA25L2TC14E	CT-ST1014B	LCA6-14	210-98004	LCA3/0-38-X	CT-SB3038
K3A29U2N	210-99032	YA6CL2TC14E	CT-ST614C	YA26L2TC14E	CT-ST2014B	LCA6-56	210-98005	LCA3/0-56-X	CT-SB30516
K3A31U4N	210-99033 +	YA6CL2TC516	CT-ST6516	YA28L2TC14E	CT-ST4014	LCA8-12	210-09826	LCA4/0-12-X	CT-SB4012
K3A36U2N	210-99024	YA8CL2TC14E	CT-ST814B	YA25N	CT-LB1012	LCA8-38	210-98002B	LCA4/0-14-X	CT-SB4014
K4A29U4N	210-99038	YA1CN	CT-LB112	YA26N	CT-LB2012	LCA10-14	210-98002	LCA4/0-38-X	CT-SB4038
K4A31U4N	210-99039	YA1C2N	CT-LT112	YA32N	CT-LB40012	LCA10-56	210-09803	LCA4/0-56-X	CT-SB40516
KA36U2N	99009A	YA2CN	CT-LB212	YA36N	CT-LB60012	LCA250-56	210-98033	LCB2-14	210-98067A
KKA31U-2N	210-99006A	YA2C2N	CT-LT212	YA39N	CT-LB75012	LCA300-12	210-98035	LCB3-12	210-98066G
KK3A40U2N	210-99025 +	YA4CN	CT-LB412	YA252N	CT-LT1012	LCA350-12	210-09812	LCB3-14	210-98066D
KK4A36U4N	210-99040	YA4C2N	CT-LT412	YA272N	CT-LT3012A	LCA350-38	210-09811	LCB3-38	210-98066F
KKA31U2N	210-99007A	YA6CN	CT-LB612	YA282N	CT-LT4012A	LCA350-58	210-98038	LCB4-14	210-98066A
KKA36U2N	99009A	YA6C2N	CT-LT612	YA292N	CT-LT25012A	LCA400-12	210-98039	LCB6-38	CT-LB638
KS15	610-00812	YA1C2TC38	CT-LT138A	YA312N	CT-LTM35012	LCA400-58	210-98040	LCB8-56	210-98064B
KS17	610-00610	YA2C2TC38	CT-LT238A	YA342N	CT-LTM50012	LCA500-12	210-09816	LCB250-14	210-98074
KS20	610-0048	YA3CTC14	CT-LB314	YA362N	CT-LTM60012	LCA500-38	210-09815	LCB250-56	210-98074A
KS23	610-00261	YA4CTC38	CT-LT438A	YA392N	CT-LTM75012	LCA700-58	210-98042B	LCB350-12	210-98076A
KS25	610-00104	YA4CTC10	CT-LB410	YA282NCTC38	CT-LT4038B	LCA750-12	210-98043A	LCB400-12	210-98077
KS26	610-00204	YA4CTC38	CT-LB438	YA25TC38	CT-LB1038	LCA1000-12	210-98043C	LCB400-58	210-98078
KS27	610-00302	YA6CTC38	CT-LT638A	YA252TC38	CT-LT1038A	LCA400-12-6	CT-SB40012	LCB500-58	210-98080
KS29	610-25001	YA6CTC10	CT-LB610	YA252TC516	CT-LT10516	LCA400-38-6	CT-SB40038	LCB700-58	210-98081B
KS31	610-35040	YA6CTC38	CT-LB638	YA262TC38	CT-LT2038A	LCA500-12-6	CT-SB50012	LCB750-58	210-98082
KS34	610-00500	YA6CTC516	CT-LB6516	YA272TC38	CT-LT3038A	LCA500-38-6	CT-SB50038	LCB1000-12	210-98082B
KSU23	610T-2	YA8CTC38	CT-LT838	YA292TC38	CT-LT25038	LCA500-58-6	CT-SB50058	LCB1000-58	210-98082C
KSU25	610T-1X0	YA8CTC14	CT-LB814	YA392TC38	210-98110A	LCA600-12-6	CT-SB60012	LCB4-14-L	CT-LB414
KSU26	610T-2X0	YA8CTC38	CT-LB838	YA252TC14E2	CT-LT1014A	LCA600-58-6	CT-SB60058	LCB6-14-L	CT-LB614
KSU29	610T-250	YA2C2TC14E1	CT-LT214B	YGF294N	CT-GP294N	LCA750-58-6	CT-SB75058	LCB6-38-L	CT-LB638
YA25	CT-LB10516	YA2C2TC14E2	CT-LT214A	YS25	212-5010	LCA1-12-E	CT-SB112	LCB2-14-Q	CT-LB214
YA26	CT-LB2038	YA2C2TC516E	CT-LT2516	YS26	212-5020	LCA1-14-E	CT-SB114	LCB2-56-Q	CT-LB2516
YA27	CT-LB3012	YA4C2TC14E1	CT-LT414B	YS27	210-98134 +	LCA1-38-E	CT-SB138	LCB1/0-12	210-98070
YA28	CT-LB4012	YA4C2TC14E2	CT-LT414A	YS28	212-5040	LCA1-56-E	CT-SB1516	LCB1/0-14	210-98069
YA29	CT-LB25012	YA6C2TC14E2	CT-LT614B	YS29	212-5250	LCA4-10-L	CT-SB410	LCB1/0-56	210-98069A
YA30	CT-LB30012	YA25L	CT-SB10516	YS30	210-98137	LCA4-12-L	CT-SB312 +	LCB2/0-14	210-98071
YA31	CT-LB35012	YA25L2	CT-SB1014	YS32	210-98139	LCA4-14-L	CT-SB314 +	LCB2/0-56	210-98071A
YA34	CT-LB50012	YA25L4	CT-SB1038	YS25-L	210-98116	LCA4-38-L	CT-SB338 +	LCB3/0-14	210-98072
YA44	210-98082C	YA25L6	CT-SB1012	YS26-L	210-98117	LCA4-56-L	CT-SB3516 +	LCB3/0-38	210-98072B
YA2C	CT-LB2516	YA26L	CT-SB2038	YS28-L	210-98119	LCA6-10-L	CT-SB610	LCB3/0-56	210-98072A
YA4C	CT-LB414	YA26L2	CT-SB2014	YS39-L	210-98126	LCA6-12-L	CT-SB612	LCB4/0-12	210-98073C
YA6C	CT-LB614	YA26L6	CT-SB2012	YS1C	212-5001	LCA6-14-L	CT-SB614	LCB4/0-14	210-98073
YA2C-L2	CT-SB314	YA27L	CT-SB3012	YS2C	212-5002 +	LCA6-38-L	CT-SB638	LCB4/0-38	210-98073B
YA2C-L4	CT-SB338	YA27L3	CT-SB30516	YS4C	210-98129	LCA6-56-L	CT-SB6516	LCB4/0-56	210-98073A
YA1CL	CT-SB1516	YA27L4	CT-SB3038	YS1C-L	210-98115	LCA8-10-L	CT-SB810	LCB2/0-38-X	CT-LB2038
YA1CL2	CT-SB114	YA28L	CT-SB4012	YS2C-L	210-98114	LCA8-14-L	CT-SB814	LCB4/0-12-X	CT-LB4012
YA1CL4	CT-SB138	YA28L2	CT-SB4014	YS4C-L	210-98113	LCA8-38-L	CT-SB838	LCC500-12-6	CT-LTM50012
YA1CL6	CT-SB112	YA28L3	CT-SB40516	YS6C-L	210-98112	LCA8-56-L	CT-SB8516	LCC600-12-6	CT-LTM60012
YA2CL	CT-SB2516	YA28L4	CT-SB4038	PANDUIT		LCA10-14-L	CT-SB1014S	LCC750-12-6	CT-LTM75012
YA2CL2	CT-SB214	YA29L	CT-SB25012	LAMA2-14-QY	210-99002 +	LCA10-56-L	CT-SB10516S	LCC1-12-E	CT-LT112
YA2CL4	CT-SB238	YA29L2	CT-SB25014	LAMA6-14-QY	CT-T1H1-6A	LCA2-12-Q	CT-SB212	LCC4-12-L	CT-LT412
YA2CL6	CT-SB212	YA29L4	CT-SB25038	LAMA250-56-Q	210-99005A +	LCA2-14-Q	CT-SB214	LCC6-12-L	CT-LT612
YA3CL	CT-SB3516	YA30L	CT-SB30012	LAMA300-56-Q	210-99006A	LCA2-38-Q	CT-SB238	LCC2-12-Q	CT-LT212
YA4CL	CT-SB414	YA30L7	210-09809	LAMA350-38-Q	CT-T1H1-350	LCA2-56-Q	CT-SB2516	LCC2-38-Q	CT-LT238B
YA4CL1	CT-SB410	YA30L24	CT-SB30038	LAM2A250-38-	210-99014	LCA250-12-X	CT-SB25012	LCC250-12-X	CT-LT25012A
YA4CL3	CT-SB4516	YA31L	CT-SB35012	LAM2A350-12-	CT-T2H1-350	LCA250-14-X	CT-SB25014	LCC350-12-X	CT-LTM35012
YA4CL4	CT-SB438	YA31L11	CT-SB35038	LAM2A600-12-	210-99028A +	LCA250-38-X	CT-SB25038	LCC1-56B-E	CT-LT1516
YA4CL6	CT-SB412	YA32L14	CT-SB40038	LAM2A1000-58	CT-T2H1-1000	LCA250-56-X	CT-SB250516	LCC4-14B-L	CT-LT414A
YA6CL	CT-SB614	YA34L	CT-SB50058	LAMA500-38-6	210-99008 +	LCA300-12-X	CT-SB30012	LCC6-14B-L	CT-LT614B
YA6CL1	CT-SB610	YA34L6	CT-SB50012	LAMA600-38-6	210-99009 +	LCA300-38-X	CT-SB30038	LCC2-56B-Q	CT-LT2516
YA6CL3	CT-SB6516	YA34L37	CT-SB50038	LAMA1000-58-	610-99011	LCA300-56-X	210-09807	LCC2-14BW-Q	CT-LT214A
YA6CL4	CT-SB638	YA36L	CT-SB60058	LAMA1/0-56-Q	210-99004A	LCA300-58-X	210-09809	LCC750-38B-6	210-98110A
YA8CL	CT-SB810	YA36L11	CT-SB60012	LAMA1/0-14-Q	CT-T1H1-1-0A	LCA350-12-X	CT-SB35012	LCC1-38B-E	CT-LT138A
YA8CL1	CT-SB814	YA39L	CT-SB75058	LAMA2/0-14-Q	210-99004	LCA350-38-X	CT-SB35038	LCC4-38D-L	CT-LT438A
YA8CL2	CT-SB8516	YA39L6	CT-SB75012	LAM2A1/0-14-6	CT-T2H1-1-0A	LCA1/0-38	210-98019	LCC6-38D-L	CT-LT638A
YA8CL3	CT-SB838	YA44L	210-98043B +	LAM2A2/0-14-6	CT-T2H1-2-0A	LCA2/0-14	210-98020	LCC8-38D-L	CT-LT838

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Competitor	CT no.	Competitor	CT no.	Competitor	CT no.	Competitor	CT no.	Competitor	CT no.
LCC2-38D-Q	CT-LT238A	ADR80-12D	99010A	CTL10-516	CT-SB10516	54106	CT-SB414	256-30695-832	CT-ST20516
LCC250-38D-X	CT-LT25038	AMTD3062	610-1002306	CTL10-2516	CT-ST10516	54107	CT-SB214 +	256-30695-868	CT-LT612
LCC1/0-12-X	CT-LT1012	AMTD3064	610-1004306	CTL20-12	CT-SB2012	54108	CT-SB114	256-30695-886	CT-ST1012
LCC3/0-12-X	CT-LT3012A	AMTD4142	610-1002414	CTL20-38	CT-SB2038	54109	CT-SB1038	256-30695-101	CT-LT414B
LCC4/0-12-X	CT-LT4012A	AMTD4143	610-1003414	CTL30-12	CT-SB3012	54110	CT-SB2038	256-30695-101	CT-LT214B
LCC4/0-38-X	CT-LT4038B	AMTD4144	610-1004414	CTL30-38	CT-SB3038	54111	CT-SB3038	256-30695-104	CT-ST212
LCC1/0-14B-X	CT-LT1014A	AMTD10142	610-1002114	CTL40-12	CT-SB4012	54112	CT-SB4038	256-30695-111	CT-LT2038A
LCC1/0-38D-X	CT-LT1038A	AMTD10143	610-1003114	CTL40-38	CT-SB4038	54113	CT-SB25012	256-30695-115	CT-ST610
LCC1/0-56D-X	CT-LT10516	AMTD10144	610-1004114	CTL250-12	CT-SB25012	54114	CT-SB30012	256-30695-115	CT-LT838
LCC2/0-12D-X	CT-LT2012	AMTD25062	610-1002250	CTL300-12	CT-SB30012	54115	CT-SB35012	256-30695-115	CT-LT638A
LCC2/0-38D-X	CT-LT2038A	AMTD25063	610-1003250	CTL350-12	CT-SB35012	54116	CT-SB40012	256-30695-115	CT-LT438A
LCC2/0-56D-X	CT-LT20516	AMTD25064	610-1004250	CTL400-12	CT-SB40012	54118	CT-SB50012	256-30695-116	CT-LT238A
LCC3/0-38D-X	CT-LT3038A	AMTD35062	610-1002350	CTL500-12	CT-SB50012	54120	CT-SB60058	256-30695-116	CT-LT138A
LCC4/0-56D-X	CT-LT40516	AMTD35063	610-1003350	CTL500-58	CT-SB50058	54128	210-98043B +	256-30695-118	CT-ST4516
LCD1-12-E	CT-ST112	AMTD35064	610-1004350	CTL600-58	CT-SB60058	54130	CT-SB814	256-30695-118	CT-ST214B
LCD2-12-Q	CT-ST212	AMTD50042	610-1002500	CTL750-58	CT-SB75058	54131	CT-SB8516	256-30695-122	210-98110A
LCD250-12-X	CT-ST25012	AMTD50043	610-1003500	CTL1000-58	210-98043B +	54132	CT-SB838	256-30695-122	CT-LT614B
LCD4-10B-L	CT-ST410A	AMTD50044	610-1004500	CTL2L-516	CT-LB2516	54134	CT-SB610	256-30695-123	CT-ST1516
LCD6-10B-L	CT-ST610B	AMTS3062	610-2002036	CTL4L-14	CT-LB414	54135	CT-SB6516	256-30695-123	CT-ST138
LCD1-38D-E	CT-ST138	AMTS3063	610-2003036	CTL6L-14	CT-LB614	54136	CT-SB638	256-30695-124	CT-LT25038
LCD4-38D-L	CT-ST338 +	AMTS3064	610-2004036	CTL8L-14	CT-LB814	54138	CT-SB410	256-30695-124	CT-LT414A
LCD6-14D-L	CT-ST614C	AMTS4142	610-2002414	CTL10L-516	CT-LB10516	54139	CT-SB4516	256-30695-126	CT-ST40516
LCD6-38D-L	CT-ST638	AMTS4143	610-3003414	CTL20L-38	CT-LB2038	54140	CT-SB438	256-30695-130	CT-LT214A
LCD8-14D-L	CT-ST814B	AMTS4144	610-2004414	CTL30L-12	CT-LB3012	54142	CT-SB3516	256-30695-133	CT-LT4516
LCD8-38D-L	CT-ST838	AMTS10142	610-30020114	CTL40L-12	CT-LB4012	54143	CT-SB338	256-30695-116	CT-LT1038A
LCD2-14D-Q	CT-ST214B	AMTS10143	610-20030114	CTL250L-12	CT-LB25012	54147	CT-SB1516	54123-TB	CT-SB75058
LCD2-38D-Q	CT-ST238	AMTS10144	610-20040114	CTL300L-12	CT-LB30012	54148	CT-SB138	54142-TB	CT-SB2516
LCD250-38D-X	CT-ST25038	AMTS25062	610-2002250	CTL350L-12	CT-LB35012	54150	CT-SB112	54143-TB	CT-SB238
LCD1/0-12-X	CT-ST1012	AMTS25063	610-2003250	CTL500L-58	CT-LB50012	54157	CT-SB2014	54145-TB	CT-SB212
LCD2/0-12-X	CT-ST2012	AMTS25064	610-2004250	CTL1000L-58	210-98082C	54158	CT-SB20516	54152-TB	CT-SB1014
LCD3/0-12-X	CT-ST3012	AMTS35062	610-2002350	CU1	212-5001	54160	CT-SB2012	54153-TB	CT-SB10516
LCD4/0-12-X	CT-ST4012	AMTS35063	610-2003350	CU2	212-5002 +	54167	CT-SB4014	54155-TB	CT-SB1012
LCD4/0-14B-X	CT-ST4014	AMTS35064	610-2004350	CU4	210-98129	54168	CT-SB40516	54162-TB	CT-SB3014
LCD1/0-56C-X	CT-ST10516	AMTS50042	610-2002500	CU10	212-5010	54170	CT-SB4012	54163-TB	CT-SB30516
LCD1/0-38D-X	CT-ST1038	AMTS50043	610-2003500	CU20	212-5020	54173	CT-SB250516	54165-TB	CT-SB3012
LCD2/0-38D-X	CT-ST2038	AMTS50044	610-2004500	CU30	210-98134 +	54174	CT-SB25038	54172-TB	CT-SB25014
LCD3/0-38D-X	CT-ST3038	AMTS7502504	610-2004750	CU40	212-5040	54178	210-09807	54810BE	CT-LT238B
LCD3/0-56D-X	CT-ST30516	AMTSR250	210-61002	CU250	212-5250	54179	CT-SB30038	54811BE	CT-LT212
LCD4/0-38D-X	CT-ST4038	ASL60-22	CT-SL21-600	CU300	210-98137	54181	210-09809	54813BE	CT-LT1014A
SCL250	212-5250	ASL60-42	CT-SL42-600	CU400	210-98139	54187	CT-SB50058	54816BE	CT-LT3038A
SCL1/0	212-5010	3902BU	880-22312	G3	610-0038 +	54209	CT-ST1038	54818BE	CT-LT4038B
SCL2/0	212-5020	CSP1	210-98115	1H	610-00261	54210	CT-ST2038	54856BE	CT-LT2516
SCL3/0	210-98134 +	CSP2	210-98114	4H	610-0048	54211	CT-ST3038	54857BE	CT-LT112
SCL4/0	212-5040	CSP4	210-98113	6H	610-00610	54212	CT-ST4038	54864BE	CT-LT3012A
SCS1	210-98115	CSP6	210-98112	8H	610-00812	54213	CT-ST25038	54866BE	CT-LT4012A
SCS2	210-98114	CSP10	210-98116	10H	610-00104	54228	210-98110b	54868BE	CT-LT25012A
SCS4	210-98113	CSP20	210-98117	20H	610-00204	54255	CT-ST10516	54872BE	CT-LTM35012
SCS6	210-98112	CSP40	210-98119	40H	610-25001	54260	CT-ST2012	54876BE	CT-LTM50012
SCS750	210-98126	CSP750	210-98126	2HPS	610T-3	54265	CT-ST3012	54878BE	CT-LTM60012
SCS1/0	210-98116	CTL202	CT-ST2012	6HPS	610T-4	54266	CT-ST30516	54880BE	CT-LTM75012
SCS2/0	210-98117	CTL302	CT-ST3012	10HPS	610T-1X0	54270	CT-ST4012	54904BE	CT-LB610
SCS4/0	210-98119	CTL402	CT-ST4012	20HPS	610T-2X0	54275	CT-ST25012	54905BE	CT-LB614
BLACKBURN		CTL2502	CT-ST25012	350HPS	610T-350	54505	210-98112	54906BE	CT-LB414
ADR2	210-99002 +	CTL10002	210-98110b	JAB34	662-GRC075	54506	210-98113	54908BE	CT-LB410
ADR6	CT-T1H1-6A	CTL1-12	CT-SB112	JAB12H	662-GRC050	54507	210-98114	54909BE	CT-LB1038
ADR11	CT-T1H1-1-0A	CTL1-14	CT-SB114	JAB58H	662-GRC058	54508	210-98115	54910BE	CT-LB2038
ADR21	210-99004	CTL1-38	CT-SB138	LCN10	CT-LT1012	54509	210-98116	54913BE	CT-LB25012
ADR25	CT-T1H1-250	CTL1-516	CT-SB1516	LCN30	CT-LT3012A	54510	210-98117	54914BE	CT-LB30012
ADR30	CT-T1H1-300-3	CTL2-12	CT-SB212 +	LCN40	CT-LT4012A	54512	210-98119	54915BE	CT-LB35012
ADR35	CT-T1H1-350	CTL2-14	CT-SB214 +	LCN75	CT-LTM75012	54523	210-98126	54916BE	CT-LB40012
ADR50	210-99008 +	CTL2-38	CT-SB238 +	LCN250	CT-LT25012A	54806	210-98129	54919BE	CT-LB50012
ADR60	210-99009 +	CTL2-516	CT-SB2516 +	LCN350	CT-LTM35012	54807	212-5002 +	54921BE	CT-LB60012
ADR80	210-99010 +	CTL4-10	CT-SB410	LCN500	CT-LTM50012	54810	212-5020	54922BE	CT-LB75012
ADR99	610-99011 +	CTL4-14	CT-SB414	LCN600	CT-LTM60012	54811	210-98134 +	54928BE	210-98082C
ADR600	CT-T3H1-600	CTL4-38	CT-SB438	LCN1-12	CT-LT112	54812	212-5040	54930BE	CT-LB814
ADR11-21	CT-T2H1-1-0A	CTL4-516	CT-SB4516	LCN2-12	CT-LT212	54813	212-5250	54942BE	CT-LB2516
ADR21-21	CT-T2H1-2-0A	CTL6-10	CT-SB610	LCN2-516	CT-LT2516	542040416	CT-ST814B	54949BE	CT-LB10516
ADR25-21	210-99014	CTL6-14	CT-SB614	LCN4-12	CT-LT412	256-30695-251	CT-ST838	54950BE	CT-LB1012
ADR35-12	210-99007A	CTL6-38	CT-SB638	LCN6-12	CT-LT612	256-30695-252	CT-ST614C	54951BE	CT-LB2516
ADR35-21	CT-T2H1-350	CTL6-516	CT-SB6516	350M	610-35040	256-30695-253	CT-ST638	54965BE	CT-LB3012
ADR35-34	210-99033 +	CTL8-10	CT-SB810	500M	610-00500	256-30695-255	CT-ST438	54970BE	CT-LB4012
ADR60-21	210-99028A +	CTL8-14	CT-SB814	WHMBONDING	880-012106	256-30695-257	CT-ST238		
ADR80-21	210-99017 +	CTL8-516	CT-SB8516	T&B		256-30695-331	CT-ST4014	PENN-UNION	
ADR99-21	CT-T2H1-1000	CTL10-12	CT-SB1012	54104	CT-SB810	256-30695-593	CT-LT1012	BBCU-1	212-5001
ADR60-12D	99009A	CTL10-38	CT-SB1038	54105	CT-SB614	256-30695-733	CT-LT412	BBCU-2	212-5002 +
								BBCU-4	210-98129

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Competitor	CT no.	Competitor	CT no.	Competitor	CT no.	Competitor	CT no.	Competitor	CT no.
BBCU-025	212-5250	BLU-1S9	CT-SB114	IPLD350-3	610-1003350	97585	610-2003500	DPLS17-1	CT-SB3012
BBCU-030	210-98137	BLU-2S	CT-SB214 +	IPLD350-4	610-1004350	97586	610-2004500	DPLS21-1	CT-SB4012
BBCU-040	210-98139	BLU-2S1	CT-SB2516 +	IPLD500-3	610-1003500	97613	610-1003414	DPLS25-1	CT-SB25012
BBCU-1/0	212-5010	BLU-2S2	CT-SB238 +	IPLD500-4	610-1004500	97614	610-1004414	DPLS30-1	CT-SB30012
BBCU-2/0	212-5020	BLU-4S	CT-SB410	IPLD600-3	610-1003600	97624	610-1003214	DPLS31-1	CT-SB2038
BBCU-3/0	210-98134 +	BLU-4S1	CT-SB414	IPLD750-4	610-1004750	97625	610-1004214	DPLS35-1	CT-SB35012
BBCU-4/0	212-5040	BLU-4S2	CT-SB438	IPLD3/0-3	610-1003206	97633	610-1003206	DPLS2-1-18	CT-SB610
BBLU-3/0D	CT-LT3012A	BLU-4S10	CT-SB4516	IPLD3/0-4	610-1004206 +	97634	610-1004206	DPLS2-1-31	CT-SB6516
BBLU-4/0D	CT-LT4012A	BLU-6S	CT-SB610	ISR-250	210-61002 +	97643	610-1003250	DPLS4-1-18	CT-SB410
BBLU-1/0D-2T	CT-LT1038A	BLU-6S1	CT-SB614	ISR-350	210-61003	97644	610-1004250	DPLS4-1-38	CT-SB438
BBLU-2/0D-2T	CT-LT2038A	BLU-6S2	CT-SB6516	ISR-600	610-4600	97653	610-1003350	DPLS6-1-38	CT-SB238 +
BBLU-3/0D-2T	CT-LT3038A	BLU-8S14	CT-SB810	ISR-1/0	210-61001 +	97654	610-1004350	DPLS6-1-125	CT-SB214 +
BBLU-1/0D-2T	CT-LT1014A	BLU-8S15	CT-SB814	ISR-3/0	210-61001A +	97684	610-1004306	DPLS10-1-38	CT-SB1038
BBLU-1/0D-2T	CT-LT1038	BLU-8S16	CT-SB8516	IT-4	610-2002414	97693	610-1003500	DPLS17-1-38	CT-SB3038
BBLU-3/0D-2T	CT-LT3038	BLU-025S	CT-SB25012	IT-250	610-1002250	97694	610-1004500	DPLS21-1-38	CT-SB4038
BBLU-1/0S	CT-LB10516	BLU-030S	CT-SB30012	IT-350	610-1002350	ANDERSON		3M	
BBLU-2/0S	CT-LB2038	BLU-035S	CT-SB35012	IT-500	610-1002500	VHCS-1-14	CT-SB114	10001	210-98112
BBLU-3/0S	CT-LB3012	BLU-040S	CT-SB40012	IT-600	610-1002600 +	VHCS-1-38	CT-SB138	10002	210-98113
BBLU-4/0S	CT-LB4012	BLU-050S	CT-SB50012	IT-1/0	610-30020114	VHCS-1-516	CT-SB1516	10003	210-98114
BBLU-2D	CT-LT2516	CAB-1	662-GRC050	IT-3/0	610-2002026 +	VHCS-2-14	CT-SB214 +	10004	210-98115
BBLU-025D	CT-LT25012A	CAB-2	662-GRC058	ITH-750	610-1002750	VHCS-2-38	CT-SB238 +	10005	210-98116
BBLU-035D	CT-LTM35012	CAB-3	662-GRC075	ITO-4	610-3002414	VHCS-2-516	CT-SB2516 +	10006	210-98117
BBLU-050D	CT-LTM50012	LA-0	CT-T1H1-1-0A	ITO-3/0	610-3002036	VHCS-4-14	CT-SB414	10008	210-98119
BBLU-060D	CT-LTM60012	LA-2	210-99002 +	N-2	610-00261	VHCS-4-38	CT-SB438	10019	210-98126
BBLU-075D	CT-LTM75012	L2A-0	CT-T2H1-1-0A	N-4	610-0048	VHCS-4-516	CT-SB4516	11006	212-5020
BBLU-1D-2TC3	CT-LT138A	L2A-250	210-99014	N-6	610-00610	VHCS-6-14	CT-SB614	11007	210-98134 +
BBLU-2D-2TC3	CT-LT238A	L2A-350	CT-T2H1-350	N-8	610-00812	VHCS-6-516	CT-SB6516	11008	212-5040
BBLU-4D-2TC3	CT-LT438A	L2A-600	210-99028A +	N-250	610-25001	VHCS-250-12	CT-SB25012	11009	212-5250
BBLU-6D-2TC3	CT-LT638A	L2A-800	210-99017 +	N-350	610-35040	VHCS-300-12	CT-SB30012	30014	CT-SB610
BBLU-8D-2TC3	CT-LT838	L2A-1000	CT-T2H1-1000	N-500	610-00500	VHCS-350-12	CT-SB35012	30015	CT-SB614
BBLU-025D-2T	CT-LT25038	LA-6	CT-T1H1-6A	N-1/0	610-00104	VHCS-400-12	CT-SB40012	30016	CT-SB6516
BBLU-075D-2T	210-98110A	LA-250	210-99005A +	N-2/0	610-00204	VHCS-500-12	CT-SB50012	30018	CT-SB410
BBLU-1D-2TC3	CT-LT138	LA-350	CT-T1H1-350	N-3/0	610-00302	VHCS-4-10/8	CT-SB410	30019	CT-SB414
BBLU-2D-2TC1	CT-LT214A	LA-500	210-99008 +	2T	210-99002 +	VHCS-6-10/8	CT-SB610	30021	CT-SB438
BBLU-3D-2TC3	CT-LT338	LA-600	210-99009 +	T2	210-99017	VHCS-1/0-516	CT-SB10516	30022	CT-SB214 +
BBLU-4D-2TC1	CT-LT414A	LA-800	210-99010 +	T3	210-99025 +	VHCS-2/0-12	CT-SB2012	30023	CT-SB2516 +
BBLU-6D-2TC1	CT-LT614B	LA-1000	610-99011 +	250T	CT-T1H1-250	VHCS-2/0-38	CT-SB2038	30024	CT-SB238 +
BBLU-025D-2T	CT-LT25014	L3A-250-2	210-99032	300T	CT-T1H1-300-3	VHCS-3/0-12	CT-SB3012	30027	CT-SB1516
BBLU-2S	CT-LB2516	L3A-350-4	210-99033 +	350T	CT-T1H1-350	VHCS-3/0-38	CT-SB3038	30028	CT-SB138
BBLU-4S	CT-LB414	L3A-800-2	210-99025 +	500T	210-99008 +	VHCS-4/0-12	CT-SB4012	30031	CT-SB10516
BBLU-6S	CT-LB614	LA-350-2	210-99007A	600T	210-99009 +	VHCS-4/0-38	CT-SB4038	30032	CT-SB1038
BBLU-025S	CT-LB25012	LA-600-2	99009A	800T	210-99010 +	VHS-250	212-5250	30036	CT-SB2038
BBLU-030S	CT-LB30012	LA-800-2	99010A	1000T	610-99011 +	VHS-1/0	212-5010	30041	CT-SB3012
BBLU-035S	CT-LB35012	LA-2/0	210-99004	300T-2	CT-SL21-350	VHS-2/0	212-5020	30045	CT-SB4012
BBLU-050S	CT-LB50012	L2A-2/0	CT-T2H1-2-0A	600T-2	CT-SL21-600	VHS-3/0	210-98134 +	ABB	
BBLU-100S	210-98082C	LA4D4-600	210-99040	600T-3	210-99024 +	VHS-4/0	212-5040	ADR21	210-99004A +
BCU-1	210-98115	LA4M4-250	210-99038	600T-4	CT-SL42-600	VHSS-1	210-98115	ADR25	210-99005A
BCU-2	210-98114	LA4M4-350	210-99039	800T-2	CT-SL21-800	VHSS-2	210-98114	ADR30	210-99006A
BCU-4	210-98113	NSI		XT-6	210-23301 +	VHSS-4	210-98113	ADR11-32	CT-T3H2-1-0A
BCU-6	210-98112	2-2/0T	CT-T2H1-2-0A	MORRIS		VHSS-6	210-98112	ADR25-32	210-99032
BCU-075	210-98126	2-0T	210-99031 +	97017	610-40214	VHSS-750	210-98126	ADR25-44	210-99038
BCU-1/0	210-98116	2-250T	210-99014	97019	210-61001	VHSS-1/0	210-98116	ADR35-44	210-99039
BCU-2/0	210-98117	2-350T	CT-T2H1-350	97020	210-61001A +	VHSS-2/0	210-98117	ADR80-32	210-99025 +
BCU-4/0	210-98119	2-600T	210-99028A +	97028	610-3002750	VHSS-4/0	210-98119	ADR60-32D	210-99024
BLU-1/0D2	CT-ST1012	2-800T	CT-T2H1-800	97102	60001 +	DOSSERT		ADR60-44D	210-99040
BLU-2/0D	CT-ST2012	2-1000T	210-99029A +	97103	610-2002214	DPC-10	212-5010	ADR99-22D	CT-SL21-1000
BLU-3/0D	CT-ST3012	4/0SR	61103HD	97106	610-2002026	DPC-13	212-5020	AMT20	610-2002214
BLU-4/0D	CT-ST4012	2/0T	99004A	97112	610-1002414	DPC-17	210-98134 +	AMTD3063	610-1003206
BLU-1/0D2TC3	CT-ST1038	IPL4-3	610-3003414	97115	610-1002114 +	DPC-21	212-5040	AMTD3064	610-1004206
BLU-2/0D2TC3	CT-ST2038	IPL4-4	610-2004414	97118	610-1002250	DPC-25	212-5250	AMTD10143	610-1003214
BLU-3/0D2TC3	CT-ST3038	IPL250-3	610-2003250	97121	610-1002500	DPCS-2	210-98112	AMTS20144	610-2004214
BLU-4/0D2TC3	CT-ST4038	IPL250-4	610-2004250	97513	610-3003414	DPCS-4	210-98113	AMTSR10	210-61001
BLU-1/0D2TC5	CT-ST10516	IPL350-3	610-2003350	97514	610-2004414	DPCS-6	210-98114	AMTSR250	610-4250
BLU-1/0S	CT-SB10516	IPL350-4	610-2004350	97519	610-2003214	DPCS-8	210-98115	ERICO	
BLU-1/0S1	CT-SB1038	IPL500-3	610-2003500	97520	610-2004214	DPCS-10	210-98116	611300	22011
BLU-2/0S	CT-SB2038	IPL500-4	610-2004500	97525	610-20030114	DPCS-13	210-98117	613400	22026
BLU-2/0S4	CT-SB2012	IPL600-3	610-2003600	97526	610-20040114	DPCS-21	210-98119	613412	22027
BLU-3/0S	CT-SB3038	IPL600-4	610-2004600	97533	610-2003026	DPCS-75	210-98126	613480	22025
BLU-3/0S1	CT-SB3012	IPL750-4	610-2004750	97534	610-2004026	DPLS2-1	CT-SB614	614400	22029
BLU-4/0S1	CT-SB4012	IPL1/0-3	610-20030114 +	97543	610-2003250	DPLS4-1	CT-SB414	615812	22018
BLU-2D2	CT-ST212	IPL1/0-4	610-20040114 +	97544	610-2004250	DPLS4-2	CT-SB4516	CP34	610-0158
BLU-025D	CT-ST25012	IPL3/0-3	610-2003026 +	97553	610-2003350	DPLS6-1	CT-SB2516 +	CP38	610-0038 +
BLU-025D2TC3	CT-ST25038	IPL3/0-4	610-2004026 +	97554	610-2004350	DPLS8-1	CT-SB1516	HDC12	662-GRC050
BLU-1S	CT-SB1516	IPLD250-3	610-1003250	97579	610-2003036	DPLS8-2	CT-SB138	HDC34	662-GRC075
BLU-1S1	CT-SB138	IPLD250-4	610-1004250	97580	610-2004036	DPLS10-1	CT-SB10516	HDC58	662-GRC058

Cross-Reference Index (continued)

Competitor	CT no.	Competitor	CT no.	Competitor	CT no.	Competitor	CT no.	Competitor	CT no.
BRIDGEPORT		454	3114-0112	C250	212-5250	IBC-200L-4AC	3114-0002	140	625-300-02 +
381-DC	3114-0012	455	3114-0002	C1/0	212-5010	BUSSMANN		EATON BUSSMAN	
382-DC	3114-0034	APPLETON		C2/0	212-5020	TB100	625-300-02	TB	625-300-02
383-DC	3114-0001	GIB-50L-4AC	3114-0012	C4/0	212-5040	TB200	630-250-03P	EATON	
384-DC	3114-0114	GIB-75L-4AC	3114-0034	KEARNEY		DOTTIE		DPU222R	ACD-CT
385-DC	3114-0112	GIB-100L-4AC	3114-0001	136700-010	212-5010	GR12	662-GRC050	GE	
386-DC	3114-0002	GIB-150L-4AC	3114-0112	136700-020	212-5020	GR3410	22026	TF60RCP	ACD-CT
1308DC	662-GC10Z	GALVAN		136700-040	212-5040	HARGER		IDEAL	
ARLINGTON		7508	22025	136700-250	212-5250	302LD	662-GRC075	30-3404	686-012
450	3114-0012	7510	22026	O-Z/GEDNEY		302U	662-GRC050 +	SIEMENS	
451	3114-0034	G-5	662-GRC050 +	IBC-50L-4AC	3114-0012	BLUE SEA		WN2060U	ACD-CT
452	3114-0001	G-6	662-GRC075	IBC-75L-4AC	3114-0034	2104	6855-600		
453	3114-0114	HOMAC		IBC-100L-4AC	3114-0001	CINCH			

Conductor range, stud, hole spacing, die index, torque, cross-reference: send the drawing or the competitor number and we answer within one business day with the catalog number, the spec sheet and the UL file reference.

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CROSS-REFERENCE HUB

NOTES



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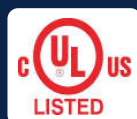
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