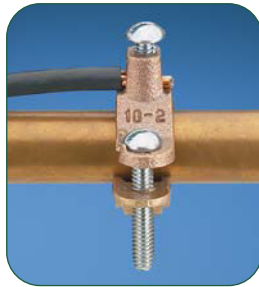


STRUCTUREDGROUND™ GROUNDING CONNECTORS

Panduit® StructuredGround™ Grounding Connectors provide innovative solutions for joining ground conductors to water pipe, ground rods, rebar, conduit, iron pipe and structural steel. Designed with the needs of the end user in mind, StructuredGround™ Grounding Connectors feature easy installation, lowest installed cost, and long-term reliability.



- Functional product information is marked directly on the connector, facilitating the identification, ordering, and usage of the grounding connector
- Compression connectors are color-coded to facilitate quick identification of the proper crimping die
- Mechanical connectors are designed for easy installation – no special tools required
- Incorporate wide wire range-taking capability to minimize inventory requirements
- Made from high strength, high conductivity electrolytic copper and aluminum alloy materials to provide optimum connectivity for both power and grounding applications
- Wide assortment of manual, controlled cycle, battery operated hydraulic and pneumatic crimping tools for reliable connections at the lowest installed cost

Panduit® StructuredGround™ Grounding Connectors are designed for use with many different code and flex conductor types and are available in a broad range of styles and sizes. A full line of manual, controlled cycle, and battery operated hydraulic crimping tools meet application needs and provide lowest installed cost. Panduit offers a wide variety of StructuredGround™ Grounding Connectors to meet customer needs and today's application requirements.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

Features and Benefits – StructuredGround™ Compression Connectors

B1. Cable Ties

Bolded features are unique to Panduit.

B2. Cable Accessories

Copper HTAPs

Easy-to-read, color-coded die index number for Panduit crimping dies, legible after crimping, for selection

Part number and agency listings marked on part for easy identification

Slotted design to reduce installation time when used with Panduit cable ties (included)

Conductor sizes for each tap pocket marked on part

Made from high conductivity copper and electro tin-plated to inhibit corrosion



Clear Covers for Copper HTAPs

Optically clear to allow 360° inspections

Made from high impact strength self-extinguishing plastic with UL94V-0 flammability rating and minimum oxygen index of 28

Built-in flanges retain HTAP in cover

Easy to assemble snap-on design

Molded in flash barriers protect against electrical flash over

Retainer clips to hold labels inside cover*. Retainer clips have a write-on surface for manual marking

Corresponding Panduit HTAP part number, voltage rating, and temperature rating molded into cover half for easy identification

Low profile design minimizes space requirements

Flexible fingers closely conform to conductor preventing foreign objects from entering cover



*Labels shown printed with Panduit® PanTher™ LS8E Printer. See page E1.2.

C4. Cable Management

Thin Wall Copper CTAPs

Part number and conductor size marked on part for easy identification

Color-coded for proper crimp die selection

Ribbed design provides high strength

Made from high conductivity wrought copper



Heavy Duty Copper CTAPs

Easy-to-read die index number for selection

Made from heavy wall, extruded, high conductivity copper; provides high strength and premium electrical properties

Part number and conductor size marked on part for easy identification



E1. Labeling Systems

Access Floor Grounding Clamp PATENTED

Each part accommodates a wide range of copper conductor sizes – minimizes inventory

Made from high strength cast bronze

Quad bolt bonds perpendicular MCBN conductors

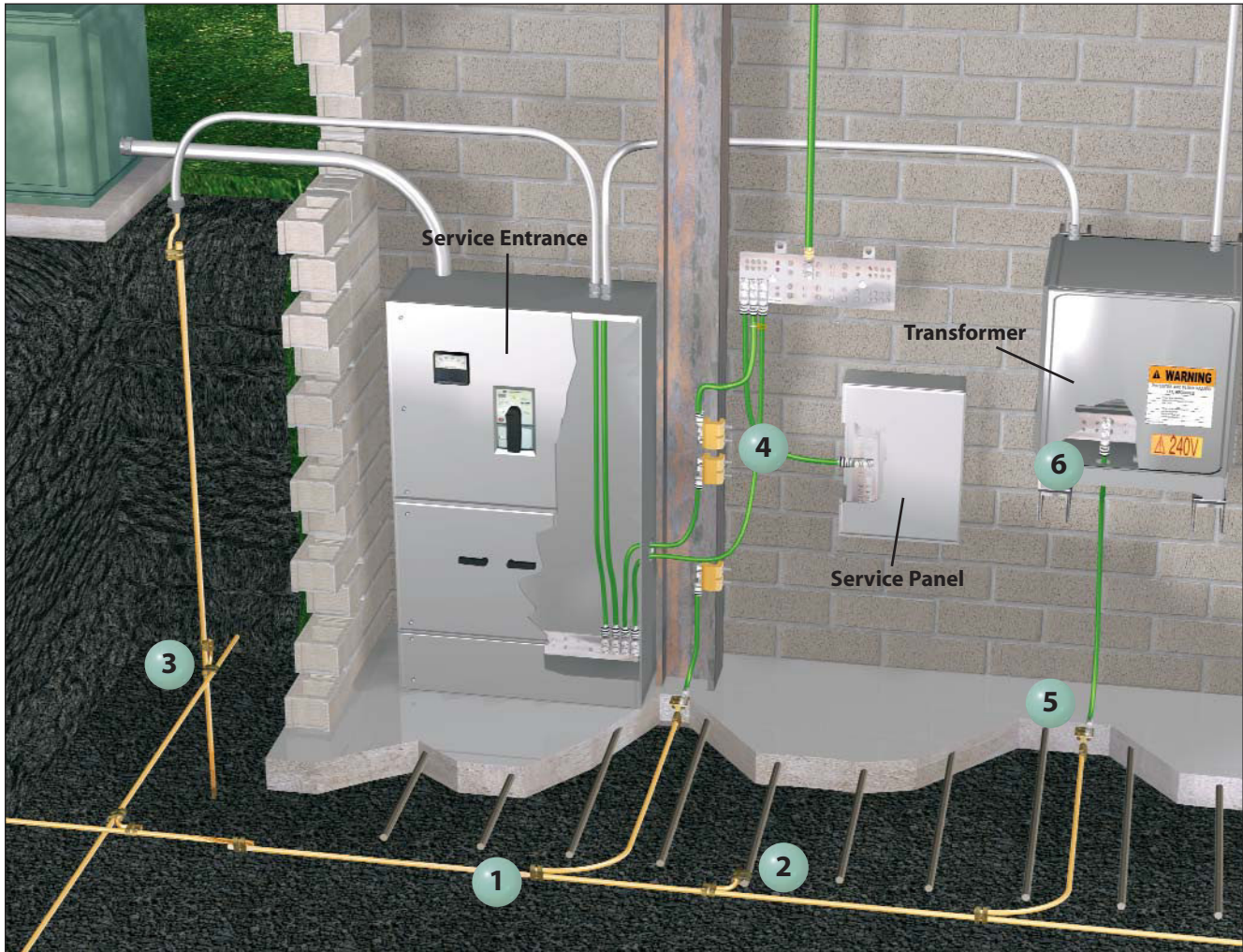
Bonds to the pedestal with a single bolt to simplify installation

Bonds to both square and round access floor pedestals



F. Index

StructuredGround™ Direct Burial Compression Grounding System Roadmap



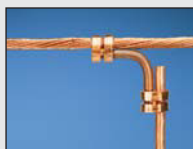
1 Conductor to Conductor
E Style Grounding Connectors:
Create bonds between parallel
grounding conductors.
(see page D3.8)



2 Conductor to Rebar
E Style Grounding Connectors:
Allow bonds to
reinforcing bars.
(see page D3.8)



3 Conductor to Ground Rod
Grounding Cross Connectors:
Create bonds between
perpendicular grounding
conductors.
(see page D3.9)



4 Conductor to Building Steel
Universal Beam Grounding
Clamp: Bonds structural
steel to grounding
conductor system.
(see page D3.10)



**5 Conductor to Grounding
Electrodes**
Grounding Plate Connector:
Allows bonds through
concrete.
(see page D3.10)



6 Related Product LCC-W
Long Barrel Two-Hole Code
Conductor Lugs:
For use with stranded
copper conductors.
(see page D2.47 – D2.49)



A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

Service Entrance Grounding Roadmap

B1. Cable Ties

- Complies with J-STD-607-A and IEEE Std 1100 (IEEE Emerald Book)
- Grounding Equalizer (GE) is required when two or more Telecommunications Bonding Backbones (TBB) are used within a multi-story building; bond TBBs together with a GE at the top floor and at a minimum of every third floor in between

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

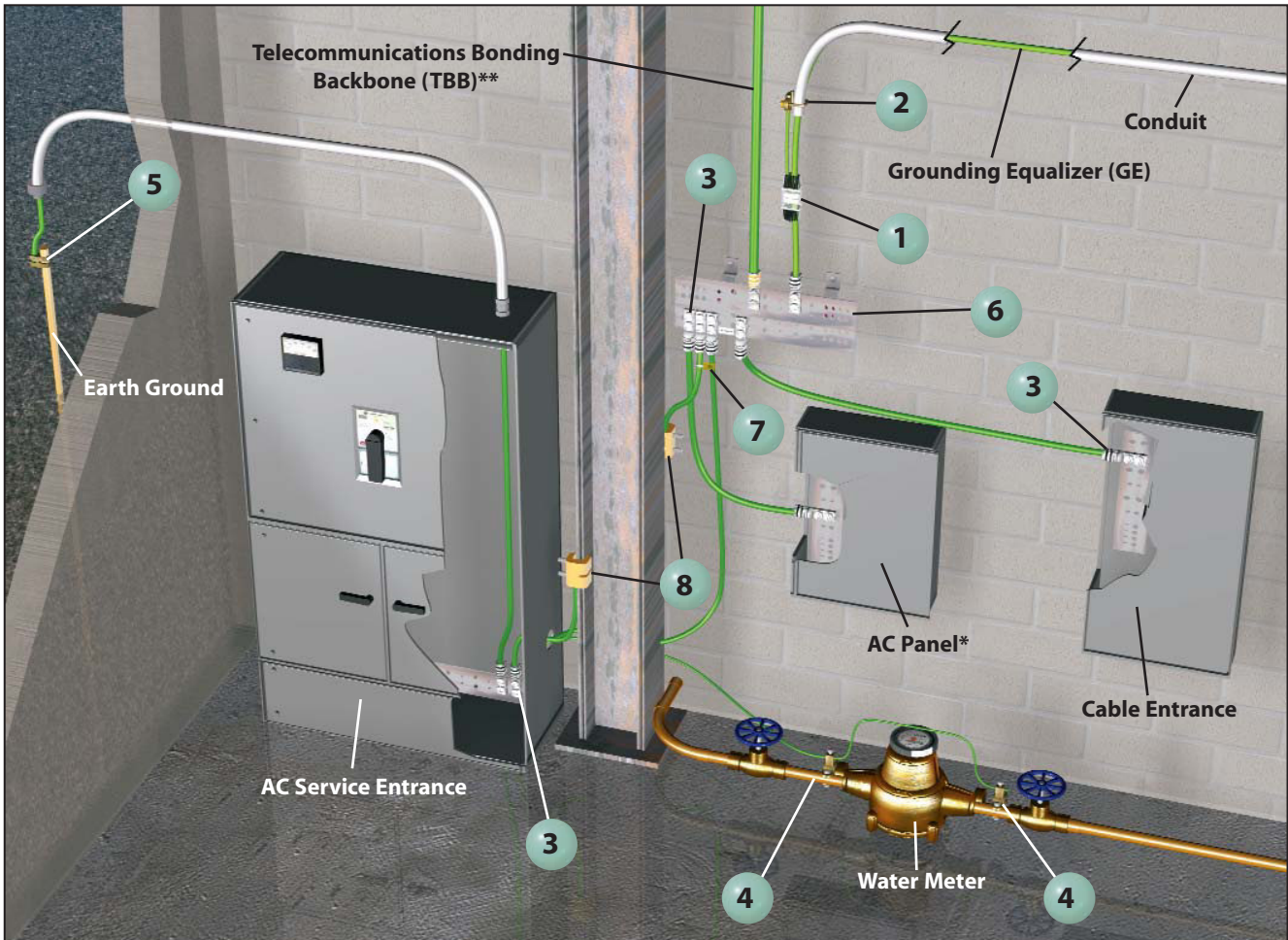
C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors



E1. Labeling Systems









E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

<p>1 Copper Compression HTAP and Clear Cover: HTWC (see pages D3.15)</p> 	<p>5 E Style Grounding Connector: GCE (see page D3.8)</p> 
<p>2 Bronze, U-Bolt Grounding Clamp: GPL (see page D3.25) connected by a cable to 1 (HTAP)</p> 	<p>6 Telecommunications Main Grounding Busbar (TMGB) and Busbar Label (see page D3.6)</p> 
<p>3 Copper Compression, Two-Hole, Long Barrel with Window Lug: LCC-W (see pages D2.47 - D2.49)</p> 	<p>7 Telecommunications Grounding and Bonding Conductor Label Kit: LTYK (see page D3.6)</p> 
<p>4 Bronze, Water Pipe Grounding Clamp: KP (see page D3.26)</p> 	<p>8 Universal Beam Grounding Clamp: GUBC (see page D3.10)</p> 

*AC Panel should be grounded per NEC standards. Enclosure should be grounded per manufacturer's specifications.

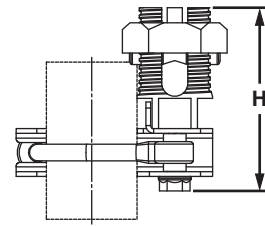
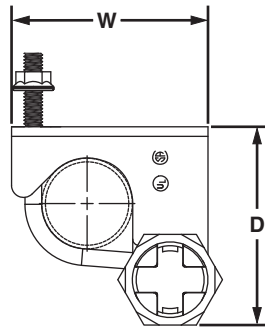
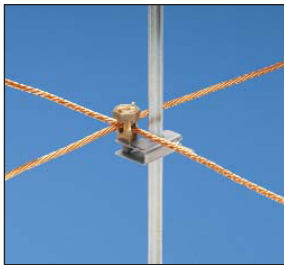
**Specification J-STD-607-A specifies different size conductors based on the length of the Telecommunications Bonding Backbone (TBB).

PATENTED   **Access Floor Grounding Clamp**



Type GPQC

- Bond mesh common bonding network (MCBN) conductors to each other and bond the access floor pedestals to the conductors
- Specifically designed to bond perpendicular MCBN conductors per TIA-942
- Bond to the pedestal with a single bolt to simplify installation
- Accommodate conductors from #6 – 1/0 AWG, minimizes inventory requirements
- Bond round and square access floor pedestals for greater flexibility



Part Number	Round Pedestal (In.)	Square Pedestal (In.)	MCBN Conductor Size Range AWG (mm ²)	Figure Dimensions In. (mm)			Std. Pkg. Qty.	Std. Ctn. Qty.
				D	W	H		
GPQC07-1/0	3/4 – 7/8	—	#6 SOL – 1/0 STR (16 – 50)	4.25 (108.0)	3.38 (85.9)	3.19 (81.0)	1	10
GPQC10-1/0	1 – 1 1/8	7/8	#6 SOL – 1/0 STR (16 – 50)	4.19 (106.4)	3.38 (85.9)	3.19 (81.0)	1	10
GPQC12-1/0	1 1/4	—	#6 SOL – 1/0 STR (16 – 50)	4.53 (115.1)	3.44 (87.4)	3.19 (81.0)	1	10
GPQC15-1/0	1 1/2	—	#6 SOL – 1/0 STR (16 – 50)	4.47 (113.5)	3.44 (87.4)	3.19 (81.0)	1	10
GPQC17-1/0	1 3/4	—	#6 SOL – 1/0 STR (16 – 50)	5.19 (131.8)	4.00 (101.6)	3.19 (81.0)	1	10
GPQC20-1/0	2	—	#6 SOL – 1/0 STR (16 – 50)	5.06 (128.5)	4.00 (101.6)	3.19 (81.0)	1	10

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

BICSI/J-STD-607-A Telecommunications Grounding Busbars

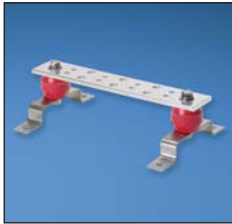
B1. Cable Ties

Type GB

- Meets BICSI and J-STD-607-A requirements for network systems grounding applications
- Made of high conductivity copper and tin-plated to inhibit corrosion
- Comes pre-assembled with brackets and insulators attached for quick installation
- Insulators provide 600 V of insulation
- Use Panduit self-laminating laser/ink jet labels to identify busbars to meet TIA/EIA-606-A, see chart below

B2. Cable Accessories

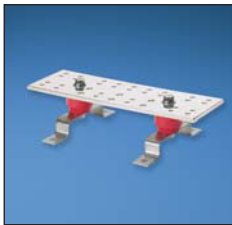
B3. Stainless Steel Ties



TGB

C1. Wiring Duct

C2. Surface Raceway



TMGB

C3. Abrasion Protection

C4. Cable Management

Part Number	Bar Size	No. of Mounting Positions		Std. Pkg. Qty.
		1/4" Stud Hole with 5/8" Hole Spacing	3/8" Stud Hole with 1" Hole Spacing	
Telecommunications Grounding Busbars (TGB)				
GB2B0304TPI-1	1/4" x 2" x 10"	4	3	1
GB2B0306TPI-1	1/4" x 2" x 12"	6	3	1
GB2B0312TPI-1	1/4" x 2" x 20"	12	3	1
GB2B0514TPI-1	1/4" x 2" x 24"	14	5	1

Telecommunications Main Grounding Busbars (TMGB)				
GB4B0612TPI-1	1/4" x 4" x 12"	12	6	1
GB4B0624TPI-1	1/4" x 4" x 20"	24	6	1
GB4B1028TPI-1	1/4" x 4" x 24"	28	10	1

For additional label sizes, materials, and print technologies and to see the complete line of Panduit identification products, see pages E1.1 – E2.22.

D1. Terminals

Component Labels for BICSI/J-STD-607-A Telecommunications Grounding Busbars



D2. Power Connectors

D3. Grounding Connectors

Suggested Label Solutions for TIA/EIA-606-A Compliance				
Telecommunications Grounding Busbar Part Number	Laser/Ink Jet Desktop Printer Label	TDP43MY Thermal Transfer Desktop Printer Label	PanTher™ LS8E Hand-Held Printer Label	Cougar™ LS9 Hand-Held Printer Label
All GB2B and GB4B Parts	C200X100FJJ	C200X100YPT	C200X100FJC	T100X000VPC-BK

For complete labeling solutions and product information, reference charts on pages E1.1 – E2.22.

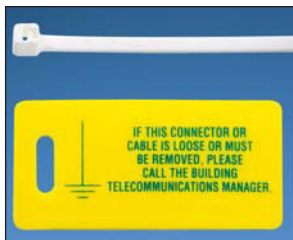
E2. Labels

Telecommunications Grounding and Bonding Conductor Label Kit

E3. Pre-Printed & Write-On Markers

- Meets labeling requirements of J-STD-607-A; each telecommunications grounding and bonding conductor shall be labeled as close as practicable to its point of termination in a readable position
- Can be applied as a wrap-around marker (parallel to cable) or flag marker (45° or 90°) to cable
- Kit includes everything needed to properly label cables; ten flame retardant cable ties and ten rigid plastic yellow tags printed with "IF THIS CONNECTOR OR CABLE IS LOOSE OR MUST BE REMOVED, PLEASE CALL THE BUILDING TELECOMMUNICATIONS MANAGER."

E4. Permanent Identification



E5. Lockout/Tagout & Safety Solutions

Part Number	Part Description	Std. Pkg. Qty.
LTYK	Label kit includes ten printed tags and ten flame retardant cable ties.	1

F. Index

NEMA Hole Pattern Grounding Busbars

Type GBN

- Provided with standard NEMA hole pattern spacing
- Made of high conductivity copper and tin-plated to inhibit corrosion



Part Number	Bar Size	No. of Mounting Positions	
		1/2" Stud Hole with 1 3/4" Hole Spacing	Std. Pkg. Qty.
GB4N0007TPI-1	1/4" x 4" x 12"	7	1
GB4N0016TPI-1	1/4" x 4" x 24"	16	1
GB4N0024TPI-1	1/4" x 4" x 36"	24	1
GB4N0026TPI-1	1/4" x 4" x 48"	26	1
GB4N0034TPI-1	1/4" x 4" x 60"	34	1



Grounding Busbar 1" Hole Spacings

Type GBD

- Provided with 1" hole D pattern spacing
- Made of high conductivity copper and tin-plated to inhibit corrosion



Part Number	Bar Size	No. of Mounting Positions	
		7/16" Stud Hole with 1" Hole Spacing	Std. Pkg. Qty.
GB2D0008TPI-1	1/4" x 2" x 12"	8	1
GB2D0021TPI-1	1/4" x 2" x 24"	21	1
GB2D0033TPI-1	1/4" x 2" x 36"	33	1
GB2D0044TPI-1	1/4" x 2" x 48"	44	1
GB2D0056TPI-1	1/4" x 2" x 60"	56	1



Stainless Steel Hardware for Busbars

- Bulk hardware for attaching connectors to TMGBs and TGBs



Part Number	Part Description	Std. Pkg. Qty.
1/4" Hardware		
SSNTS1420-C	Stainless steel mounting hardware; 1/4" stainless steel bolts.	100
SSCW14-C	Stainless steel mounting hardware; 1/4" stainless steel Belleville washers (locking).	100
SSFW14-C	Stainless steel mounting hardware; 1/4" stainless steel flat washers.	100
SSN1420-C	Stainless steel mounting hardware; 1/4" stainless steel nuts.	100
3/8" Hardware		
SSNTS3816-C	Stainless steel mounting hardware; 3/8" stainless steel bolts.	100
SSCW38-C	Stainless steel mounting hardware; 3/8" stainless steel Belleville washers (locking).	100
SSFW38-C	Stainless steel mounting hardware; 3/8" stainless steel flat washers.	100
SSN3816-C	Stainless steel mounting hardware; 3/8" stainless steel nuts.	100
Hardware Kit		
GLMHK	Stainless steel hardware for use in mounting lugs for grounding plates and universal beam grounding clamps; includes: two hex head bolts 1/2-13 thread 1" long, two split lock washers for 1/2" diameter bolt, and two SAE flat washers for 1/2" diameter bolt.	1



A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

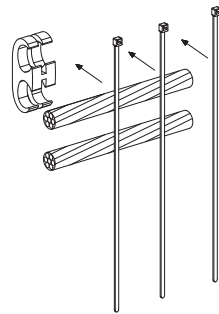
F. Index



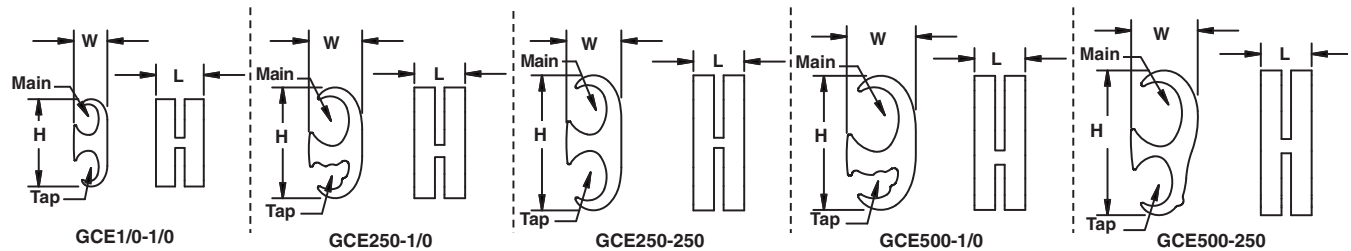
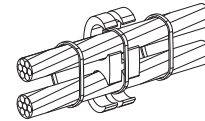
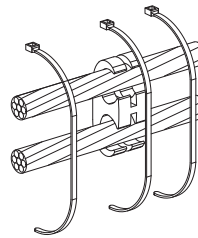
E Style Grounding Connectors

Type GCE

- Wide range-taking ability and multi-conductor design provide flexibility with a minimum number of parts, allowing for conductor to conductor, conductor to rebar, and conductor to ground rod applications
- Designed for the enhanced crimp process using patent pending technology meets IEEE Std 837™ – 2002
- Slotted design allows quick and easy assembly of conductor to connector using Panduit cable ties, included
- Pre-applied conductive antioxidant compound ensures a high quality mechanical and electrical bond, speeding installation
- Color-coded and marked with Panduit die index numbers for proper crimp die selection
- UL 467 Listed and CSA 22.2 Certified for grounding and bonding suitable for direct burial in earth or concrete when crimped with Panduit or industry standard crimping tools and Panduit dies
- Complies with vibration tests per MIL-STD-202G (METHOD 201A)



View using cable ties



Part Number	Element	Copper Conductor Size Range AWG (mm ²)	Ground Rod Size In. (mm)	Rebar Size In. (mm)	Figure Dimensions In. (mm)			Panduit Color Code	Panduit Die Index No.‡	Std. Pkg. Qty.
					L	W	H			
GCE1/0-1/0	Main	#6 SOL – 1/0 STR (16 – 50)	—	—	0.94 (23.9)	0.66 (16.8)	1.72 (43.7)	Red	PG10	1
	Tap									
GCE250-1/0	Main	1/0 STR – 250 kcmil (70 – 120)	1/2 – 5/8 (12.7 – 15.9)	3/8 – 1/2, #3 – #4 (9.5 – 12.7), (#10 – #13)	1.00 (25.4)	1.05 (26.7)	2.18 (55.4)	Black	PG25	1
	Tap									
GCE250-250	Main	1/0 STR – 250 kcmil (70 – 120)	1/2 – 5/8 (12.7 – 15.9)	3/8 – 1/2, #3 – #4 (9.5 – 12.7), (#10 – #13)	1.00 (25.4)	1.08 (27.4)	2.66 (67.6)	Black	PG25	1
	Tap									
GCE500-1/0	Main	250 – 500 kcmil (150 – 240)	1/2 – 3/4 (12.7 – 19.1)	5/8 – 3/4, #5 – #6 (15.9 – 19.1), (#16 – #19)	1.00 (25.4)	1.36 (34.5)	2.64 (67.1)	Blue	PG50	1
	Tap									
GCE500-250	Main	250 – 500 kcmil (150 – 240)	1/2 – 3/4 (12.7 – 19.1)	5/8 – 3/4, #5 – #6 (15.9 – 19.1), (#16 – #19)	1.00 (25.4)	1.32 (33.4)	2.85 (72.4)	Blue	PG50	1
	Tap									

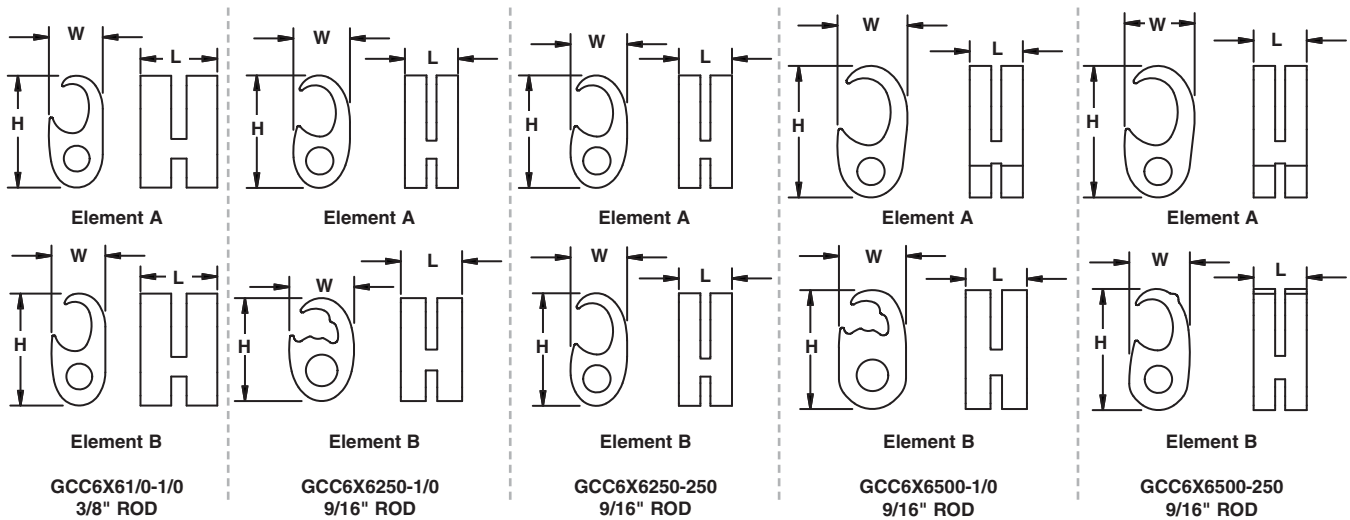
‡See page D3.90 for tool and die information.



Grounding Cross Connectors

Type GCC

- Only a single die required to crimp each element, which speeds installation and reduces costs
- Wide range-taking ability and multi-conductor design provide flexibility with a minimum number of parts, allowing for conductor to conductor, conductor to rebar, and conductor to ground rod applications
- Designed for the enhanced crimp process using patent pending technology meets IEEE Std 837™ – 2002
- Slotted design allows quick and easy assembly of conductor to connector using Panduit cable ties, included
- Pre-applied conductive antioxidant compound ensures a high quality mechanical and electrical bond, speeding installation
- Color-coded and marked with Panduit die index numbers for proper crimp die selection
- UL 467 Listed and CSA 22.2 Certified for grounding and bonding suitable for direct burial in earth or concrete when crimped with Panduit or industry standard crimping tools and Panduit dies
- Complies with vibration tests per MIL-STD-202G (METHOD 201A)



Part Number	Element	Copper Conductor Size Range AWG (mm ²)	Ground Rod Size In. (mm)	Rebar Size In. (mm)	Figure Dimensions In. (mm)			Panduit Color Code	Panduit Die Index No.‡	Std. Pkg. Qty.
					L	W	H			
GCC6X610-1/0	A	#6 SOL – 1/0 STR (16 – 50)	—	—	0.94 (23.9)	0.66 (16.8)	1.37 (34.8)	Red	PG10	1
	B									
GCC6X6250-1/0	A	#2 SOL – 250 kcmil (35 – 120)	1/2 – 5/8 (12.7 – 15.9)	3/8 – 1/2, #3 – #4 (9.5 – 12.7), (#10 – #13)	1.00 (25.4)	1.06 (26.9)	2.12 (53.8)	Black	PG25	1
	B						1.68 (42.7)			
GCC6X6250-250	A	#2 SOL – 250 kcmil (35 – 120)	1/2 – 5/8 (12.7 – 15.9)	3/8 – 1/2, #3 – #4 (9.5 – 12.7), (#10 – #13)	1.00 (25.4)	1.06 (26.9)	2.12 (53.8)	Black	PG25	1
	B									
GCC6X6500-1/0	A	250 – 500 kcmil (150 – 240)	1/2 – 3/4 (12.7 – 19.1)	5/8 – 3/4, #5 – #6 (15.9 – 19.1), (#16 – #19)	1.00 (25.4)	1.32 (33.5)	2.48 (63.0)	Blue	PG50	1
	B						1.09 (27.7)			
GCC6X6500-250	A	250 – 500 kcmil (150 – 240)	1/2 – 3/4 (12.7 – 19.1)	5/8 – 3/4, #5 – #6 (15.9 – 19.1), (#16 – #19)	1.00 (25.4)	1.32 (33.5)	2.48 (63.0)	Blue	PG50	1
	B						1.16 (29.5)			

‡See page D3.90 for tool and die information.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

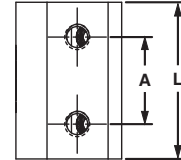
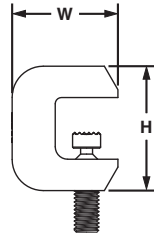
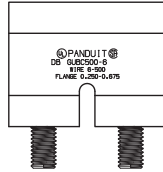


Universal Beam Grounding Clamp

Type GUBC

- Universal, fits on a wide range of standard (angled) and wide flange (parallel) structural steel beams
- Provide a mounting pad suitable for a two-hole compression lug
- Install quickly and easily with standard 1/4" key hex wrench tooling

- UL 467 Listed and CSA 22.2 Certified for grounding and bonding suitable for direct burial in earth or concrete
- Comply with vibration tests per MIL-STD-202G (METHOD 201A)



Part Number	Copper Conductor Size Range AWG (mm ²)	Flange Thickness In. (mm)	Thread Size In.	Figure Dimensions In. (mm)				Std. Pkg. Qty.
				A	L	W	H	
GUBC500-6	#6 – 500 (16 – 240)	0.250 – 0.675 (6.3 – 17.1)	1/2 – 13	1.75 (44.4)	3.15 (80.0)	2.13 (54.0)	2.50 (63.5)	1

For stainless steel mounting hardware kit, see part number GLMHK on page D3.7.

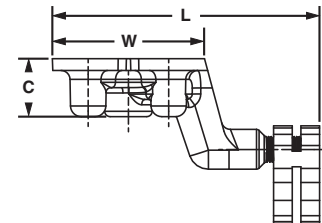
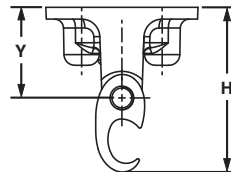
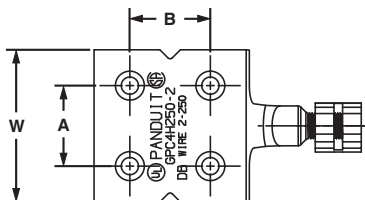


Grounding Plate Connector

Type GPC

- Slotted design allows quick and easy assembly of conductor to connector using Panduit cable ties, included
- Pre-applied conductive antioxidant compound ensures a high quality mechanical and electrical bond, speeding installation
- Complies with vibration tests per MIL-STD-202G (METHOD 201A)
- Made from high conductivity copper; provides strength and premium electrical properties

- Color-coded and marked with Panduit die index numbers for proper crimp die selection
- UL 467 Listed and CSA 22.2 Certified for grounding and bonding suitable for direct burial in earth or concrete when crimped with Panduit or industry standard crimping tools and Panduit dies



Part Number	Copper Conductor Size Range AWG (mm ²)	Thread Size In.	Figure Dimensions In. (mm)							Panduit Color Code	Panduit Die Index No.‡	Std. Pkg. Qty.
			L	W	H	Y	A	B	C			
GPC4H250-2	#2 SOL – 250 kcmil (35 – 120)	1/2 – 13	5.81 (147.5)	3.31 (84.0)	3.58 (90.9)	1.97 (50.0)	1.75 (44.4)	1.75 (44.4)	1.26 (32.0)	Black	PG25	1

‡See page D3.90 for tool and die information.

For stainless steel mounting hardware kit, see part number GLMHK on page D3.7.



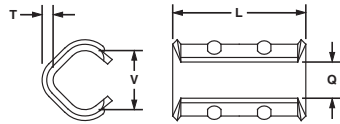
Code Conductor, Thin Wall, CTAP

For Copper Code Stranded Connections

Type CTAPF

- For copper-to-copper tapping, splicing or pigtailing
- Wide wire range-taking capability minimizes inventory requirements
- Color-coded for proper crimp die selection
- Ribbed design provides high strength

- Made from high conductivity wrought copper
- UL Listed and CSA Certified to 600 V and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies[^]



Part Number	Copper Conductor Size		Number of Ribs	Figure Dimensions In. (mm)				Panduit Color Code	Wire Strip Length In. (mm)	Std. Pkg. Qty.
	AWG Run (mm ²)	AWG Tap (mm ²)		L	T	V	Q			
CTAPF10-16-C*	#14 AWG (2.5)	#16 – #14 AWG (1.5 – 2.5)	0	0.41 (10.4)	0.06 (1.5)	.19 (4.8)	0.13 (3.3)	Red	1/2 (12.7)	100
	#12 AWG (4.0)	#16 – #12 AWG (1.5 – 4.0)								
	#10 AWG (6.0)	#14 AWG (2.5)								
CTAPF8-12-C‡	#10 AWG (6.0)	#10 AWG (6.0)	0	0.67 (17.0)	0.07 (1.8)	.26 (6.6)	0.19 (4.8)	Blue	11/16 (17.5)	100
	#8 AWG (10.0)	#12 AWG (4.0)								
CTAPF6-12-C‡	#8 AWG (10.0)	#10 – #8 AWG (6.0 – 10.0)	0	0.67 (17.0)	0.07 (1.8)	.32 (8.1)	0.24 (6.1)	Gray	11/16 (17.5)	100
	#6 AWG (16.0)	#12 – #10 AWG (4.0 – 6.0)								
CTAPF4-12-C‡	#6 AWG (16)	#8 – #6 AWG (10 – 16)	1	1.25 (31.8)	0.07 (1.8)	.40 (10.2)	0.28 (7.1)	Brown	1 5/16 (33.3)	100
	#5, #4 AWG (16, 25)	#12 – #8 AWG (4 – 10)								
CTAPF3-12-C‡	#5, #4 AWG (16, 25)	#6 – #5 AWG (16)	1	1.25 (31.8)	0.08 (2.0)	.46 (11.7)	0.31 (7.9)	Green	1 5/16 (33.3)	100
	#3 AWG (25)	#12 – #6 AWG (4 – 16)								
CTAPF2-12-C‡	#4 AWG (25)	#4 AWG (25)	1	1.25 (31.8)	0.08 (2.0)	.51 (13.0)	0.33 (8.4)	Pink	1 5/16 (33.3)	100
	#3 AWG (25)	#5 AWG (16)								
	#2 AWG (35)	#12 – #6 AWG (4 – 16)								
CTAPF1-12-C	#3 AWG (25)	#4 – #3 AWG (25)	2	1.82 (46.2)	0.08 (2.0)	.57 (14.5)	0.40 (10.2)	Black	1 7/8 (47.6)	100
	#2 AWG (35)	#5 – #4 AWG (16 – 25)								
	#1 AWG (35)	#12 – #5 AWG (4 – 16)								
CTAPF1/0-12-L	#2 AWG (35)	#4 – #2 AWG (25 – 35)	2	1.82 (46.2)	0.09 (2.3)	.63 (16.0)	0.42 (10.7)	Orange	1 7/8 (47.6)	50
	#1 AWG (35)	#4 – #3 AWG (25)								
	1/0 AWG (50)	#12 – #4 AWG (4 – 25)								
CTAPF2/0-12-Q	#1 AWG (35)	#2 – #1 AWG (35)	2	1.82 (46.2)	0.09 (2.3)	.71 (18.0)	0.48 (12.2)	Purple	1 7/8 (47.6)	25
	1/0 AWG (50)	#3 – #2 AWG (25 – 35)								
	2/0 AWG (70)	#12 – #3 AWG (4 – 35)								
CTAPF3/0-12-Q	1/0 AWG (50)	#1 – 1/0 AWG (50)	2	1.82 (46.2)	0.09 (2.3)	.81 (20.6)	0.55 (14.0)	Yellow	1 7/8 (47.6)	25
	2/0 AWG (70)	#2 – #1 AWG (35)								
	3/0 AWG (95)	#12 – #2 AWG (4 – 35)								

See pages D3.92 and D3.93 for tool and die information.

*CTAPF10-16-C available with square, not flared ends.

All parts available in tin-plated; add TP before packaging code – example: CTAPF6-12TP-C.

[^]Note: CTAPF parts are UL Listed and CSA Certified with AWG wire only.

‡CSA Certified for grounding and bonding.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

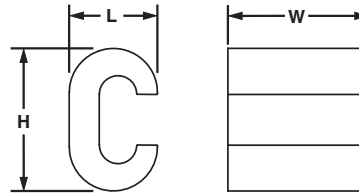
UL LISTED **Code Conductor, Heavy Duty, CTAP**

For Use with Solid and Stranded Copper Code Conductors

Type CTAP

- For tapping into unbroken continuous main, as a wire joint or two-way splice
- Wide wire range-taking capability minimizes inventory requirements
- Made from heavy wall, extruded, high conductivity copper; provides high strength and premium electrical properties

- UL Listed per UL 486 for use up to 35 KV** and temperature rated 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed per UL 467 for grounding and bonding suitable for direct burial in earth or concrete when crimped with Panduit and specified competitor crimping tools and dies^



Part Number	Copper Conductor Size		Figure Dimensions In. (mm)			Panduit Die Index No.‡	Burdny Die Index No.‡	Wire Strip Length In. (mm)	Tap Cover*	Std. Pkg. Qty.
	AWG Run (mm²)	AWG Tap (mm²)	L	W	H					
CTAP4-8-L	#6 – #4 AWG SOL or STR (16 SOL or STR)	#8 AWG SOL or STR (10 SOL or STR)	0.46 (11.7)	0.63 (16.0)	0.73 (18.5)	PBG	BG	3/4 (19)	CVR6-1	50
CTAP4-6-L	#6 AWG STR, #4 AWG SOL or STR (16 SOL or STR)	#6 AWG SOL or STR (95 STR)	0.48 (12.2)	0.63 (16.0)	0.76 (19.3)	PBG	BG	3/4 (19)	CVR6-1	50
CTAP4-4-L	#4 AWG SOL or STR (16 SOL or STR)	#4 AWG STR (16 STR)	0.46 (11.7)	0.63 (16.0)	0.81 (20.6)	PBG	BG	3/4 (19)	CVR6-1	50
CTAP2-4-Q	#2 AWG SOL or STR (35 SOL or STR)	#8 – #4 AWG SOL or STR (10 – 16 SOL or STR)	0.60 (15.2)	0.76 (19.3)	0.96 (24.4)	PC	C	7/8 (22)	CVR2-1	25
CTAP2-2-X	#2 AWG SOL or STR (35 SOL or STR)	#2 AWG SOL or STR (25 SOL or STR)	0.60 (15.2)	0.75 (19.0)	1.05 (26.7)	PC	C	7/8 (22)	CVR2-1	10
CTAP2/0-2-X	1/0 – 2/0 AWG STR (70 STR)	#8 – #2 AWG SOL or STR (10 – 25 SOL or STR)	0.80 (20.3)	0.93 (23.6)	1.32 (33.5)	PO	O	1 1/16 (27)	CVR2-1	10
CTAP2/0-2/0-X	1/0 – 2/0 AWG STR (70 STR)	1/0 – 2/0 AWG STR (50 STR)	0.80 (20.3)	0.93 (23.6)	1.37 (34.8)	PO	O	1 1/16 (27)	CVR250-1	10
CTAP4/0-2-X	3/0 – 4/0 AWG STR (95 STR)	#6 – #2 AWG SOL or STR (16 – 35 SOL or STR)	0.94 (23.9)	1.08 (27.4)	1.66 (42.2)	PD3	F	1 1/4 (32)	CVR500-1	10
CTAP4/0-2/0-X	3/0 – 4/0 AWG STR (95 STR)	1/0 – 2/0 AWG STR (50 – 70 STR)	1.00 (25.4)	1.08 (27.3)	1.57 (39.9)	PD3	F	1 1/4 (32)	CVR500-1	10
CTAP4/0-4/0-X	3/0 – 4/0 AWG STR (95 STR)	3/0 – 4/0 AWG STR (95 STR)	1.00 (25.4)	1.08 (27.4)	1.57 (39.9)	PD3	F	1 1/4 (32)	CVR500-1	10

‡See page D3.91 for tool and die information.

*See page D3.13 for type CVR CTAP covers.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

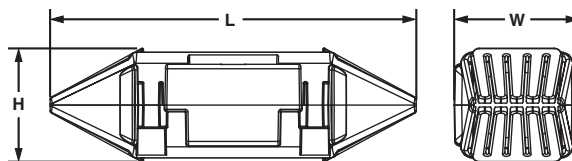
^Note: CTAP parts are UL Listed and CSA Certified with AWG wire only.

UL LISTED **CSA CERTIFIED** **Clear Covers for HTCT HTAPs**

Type CLRCVR

- Made of high impact plastic to provide high impact strength and 360° inspections of crimped connection to assure the crimp is complete and the correct die was used
- Incorporate dual self-latching spring loaded latches and supplied with two Panduit UL 94 V-0 cable ties to allow for easy snap-on assembly and ensure covers are secured
- Low profile design minimizes space requirements
- Each cover half supports installation information labels inside plastic retainer strips to allow labels to be viewed on either side of cover and to protect labels from being removed

- Incorporate molded in flash barriers which encompass the HTAP installation providing protection against electrical flash over
- UL 94 V-0 flame rating and oxygen index of 28 providing self-extinguishing, flame retardant properties
- Part number, voltage rating, temperature rating and HTCT part number molded into cover for easy identification
- See page D3.33 for detailed installation instructions

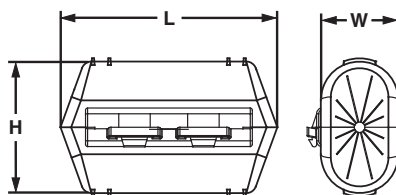


Part Number	Use with HTAP Part Number	Figure Dimensions In. (mm)			Std. Pkg. Qty.
		L	W	H	
CLRCVR1-1	HTCT6X-6X	4.48 (113.8)	1.41 (35.8)	1.20 (30.5)	1
CLRCVR2-1	HTCT2-2	5.10 (129.5)	1.66 (42.2)	1.40 (35.6)	1
CLRCVR3-1	HTCT250-2, HTCT250-250	5.35 (135.9)	2.16 (54.9)	1.40 (35.6)	1

UL LISTED **CSA CERTIFIED** **Black Covers for Copper HTAPs and CTAPs**

- Used to insulate connectors and protect tap connections from corrosive environments
- UL Listed and CSA Certified with approved connectors for use up to 600 V and temperature rated to 90° C

- Made of durable, weather-resistant black polypropylene
- Double locking latches provide secure cover installation



Part Number	Use with CTAP Part Number	Use with HTAP Part Number	Figure Dimensions (In.)			Std. Pkg. Qty.
			L	W	H	
CVR6-1	CTAP4-8-L, CTAP4-6-L, CTAP4-4-L	HTCT6X-6X-1	2.00	1.20	1.26	1
CVR2-1	CTAP2-4-Q, CTAP2-2-X, CTAP2/0-2-X	HTCT2-2-1	3.38	1.40	2.00	1
CVR250-1	CTAP2/0-2/0-X	HTCT250-2-1, HTCT250-250-1	3.38	1.55	2.05	1
CVR500-1*	CTAP4/0-2-X, CTAP4/0-2/0-X, CTAP4/0-4/0-X	—	3.86	1.97	2.66	1
CVR1000-1*	—	—	5.62	2.45	3.72	1

For information on copper HTAPs, see page D3.14
 For information on copper CTAPs, see page D3.12
 *Not CSA Certified.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview



Code/Flex Conductor HTAP

B1. Cable Ties

For Making Parallel and Multiple Tap Connections on Code and Flex Conductors

Type HTCT

B2. Cable Accessories

- Used to tap into continuous conductors as a splice or pigtailling
- Each HTAP terminates a wide range of conductor sizes and combinations of code and flex conductors Class G, H, I and Diesel Locomotive to suit a variety of applications
- Slotted design allows quick and easy assembly of conductor to HTAP using three Panduit 94V-0 cable ties included
- Tap grooves are separated from one another allowing them to function independently so HTAP can be used with a single or multiple taps providing maximum design and installation flexibility
- Color-coded and marked with Panduit die index numbers for proper crimp die selection
- UL Listed and CSA Certified for applications up to 600 V when crimped with Panduit and specified competitor crimping tools and Panduit crimping dies[‡]
- Tin-plated to inhibit corrosion

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

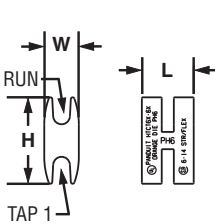


C4. Cable Management

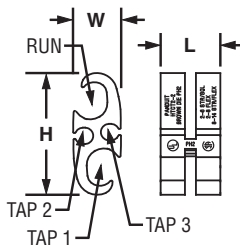
D1. Terminals

D2. Power Connectors

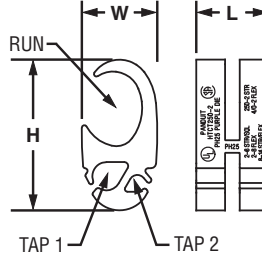
D3. Grounding Connectors



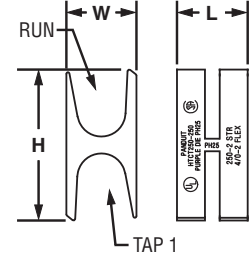
HTCT6X-6X



HTCT2-2



HTCT250-2



HTCT250-250

Part Number	Copper Conductor Size Range					Figure Dimensions In. (mm)			Panduit Die Color and Die No.‡	Wire Strip Length In. (mm)	Std. Pkg. Qty.
	Wire Strand Type	Run	Tap 1	Tap 2	Tap 3	L	W	H			
HTCT6X-6X-1	Code	#6 – #14 AWG (10 – 2.5)	#6 – #14 AWG (10 – 2.5)	—	—	0.60 (15.2)	0.40 (10.2)	1.00 (25.4)	Orange PH6	11/16 (18)	1
	Flex	#6 – #14 AWG (10 – 2.5)	#6 – #14 AWG (10 – 2.5)	—	—						
HTCT2-2-1	Code	#2 – #6 AWG STR/SOL (25 – 16)	#2 – #6 AWG STR/SOL (25 – 16)	#8 – #14 AWG (6 – 2.5)	#8 – #14 AWG (6 – 2.5)	0.76 (19.3)	0.61 (15.5)	1.55 (39.4)	Brown PH2	13/16 (21)	1
	Flex	#2 – #8 AWG (25 – 10)	#2 – #8 AWG (25 – 10)	#8 – #14 AWG (6 – 2.5)	#8 – #14 AWG (6 – 2.5)						
HTCT250-2-1	Code	250 kcmil – #2 AWG (120 – 35)	#2 – #6 AWG STR/SOL (25 – 16)	#8 – #14 AWG (6 – 2.5)	—	0.92 (23.4)	0.96 (24.4)	1.92 (48.8)	Purple PH25	1 (25)	1
	Flex	4/0 – #2 AWG (95 – 35)	#2 – #8 AWG (25 – 10)	#8 – #14 AWG (6 – 2.5)	—						
HTCT250-250-1	Code	250 kcmil – #2 AWG (120 – 35)	250 kcmil – #2 AWG (120 – 35)	—	—	0.90 (22.9)	0.89 (22.6)	1.92 (48.8)	Purple PH25	1 (25)	1
	Flex	4/0 – #2 AWG (95 – 35)	4/0 – #2 AWG (95 – 35)	—	—						

‡See page D3.94 for tool and die information.

^Note: HTCT parts are UL Listed and CSA Certified with AWG wire only.

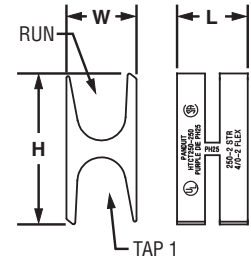
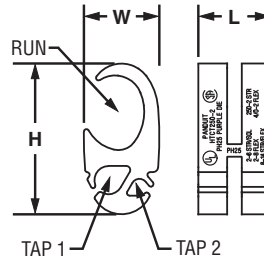
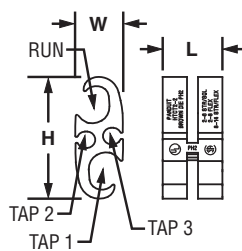
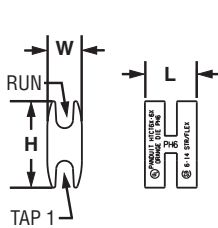
E5. Lockout/Tagout & Safety Solutions

F. Index

UL LISTED **CSA CERTIFIED** **Code/Flex Conductor HTAP Kit**

Type HTWC

- Include all components to make a complete HTAP and cover installation: HTCT HTAP, matching CLRCVR clear cover, and cable ties
- Each HTCT HTAP designed to terminate a wide range of copper code and flex conductor combinations to accommodate a variety of applications
- HTAPs incorporate a unique slotted design that allows for quick and easy installation using supplied Panduit cable ties; saves time and cost
- Matching clear covers are made from high impact plastic and provide high impact strength and 360° viewing of installed HTAP
- Clear covers have a UL 94 V-0 flame rating and an oxygen index of 28 providing self-extinguishing, flame retardant properties
- UL Listed and CSA Certified for applications up to 600 V when crimped with Panduit and specified competitor crimping tools and Panduit crimping dies[^]
- See page D3.33 for detailed installation instructions



Part Number	Components		Wire Strand Type	Copper Conductor Size Range AWG (mm ²)				Std. Pkg. Qty.
	HTAP Part No.	Clear Cover Part No.		Run	Tap 1	Tap 2	Tap 3	
HTWC6X-6X-1	HTCT6X-6X-1	CLRCVR1-1	Code	#6 – #14 AWG (10 – 2.5)	#6 – #14 AWG (10 – 2.5)	—	—	1
			Flex	#6 – #10 AWG (10 – 2.5)	#6 – #14 AWG (10 – 2.5)	—	—	
HTWC2-2-1	HTCT2-2-1	CLRCVR2-1	Code	#2 – #6 AWG STR/SOL (25 – 16)	#2 – #6 AWG STR/SOL (25 – 16)	#8 – #14 AWG (6 – 2.5)	#8 – #14 AWG (6 – 2.5)	1
			Flex	#2 – #8 AWG (25 – 10)	#2 – #8 AWG (25 – 10)	#8 – #14 AWG (6 – 2.5)	#8 – #14 AWG (6 – 2.5)	
HTWC250-2-1	HTCT250-2-1	CLRCVR3-1	Code	250 kcmil – #2 AWG (120 – 35)	#2 – #6 AWG STR/SOL (25 – 16)	#8 – #14 AWG (6 – 2.5)	—	1
			Flex	4/0 – #2 AWG (95 – 35)	#2 – #8 AWG (25 – 10)	#8 – #14 AWG (6 – 2.5)	—	
HTWC250-250-1	HTCT250-250-1	CLRCVR3-1	Code	250 kcmil – #2 AWG (120 – 35)	250 kcmil – #2 AWG (120 – 35)	—	—	1
			Flex	4/0 – #2 AWG (95 – 35)	4/0 – #2 AWG (95 – 35)	—	—	

See pages D3.13 – D3.14 for more information on HTAPs and clear covers, including tap sizes and locations.

[^]Note: HTCT parts are UL Listed and CSA Certified with AWG wire only.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

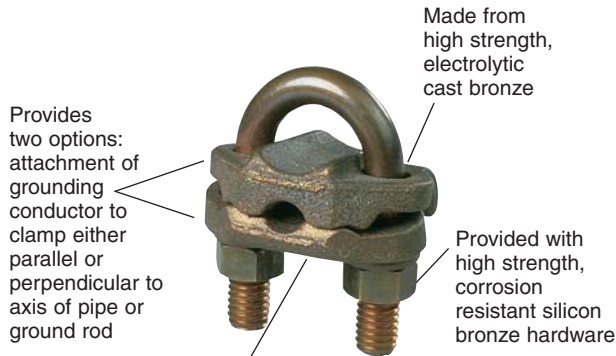
E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Features and Benefits – StructuredGround™ Mechanical Connectors

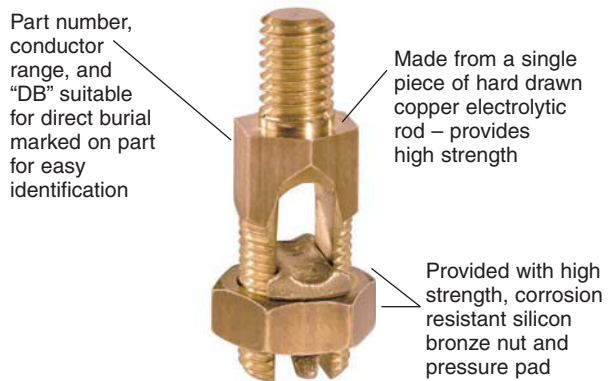
Bronze Grounding Clamp



Part number, conductor range, rod and pipe size range and "DB" suitable for direct burial marked on part for easy identification



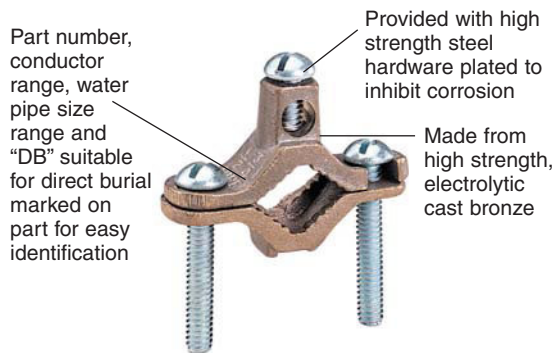
Bronze Service Post Connector



Available in configurations for use with one or two copper conductors with either a standard or long stud length



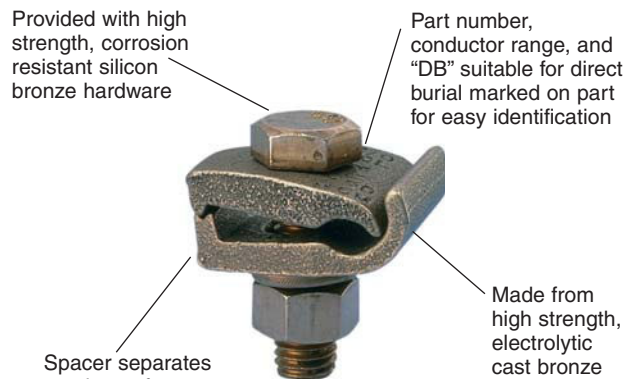
Bronze Water Pipe Clamp



Each part accommodates a wide range of copper conductor sizes and water pipe sizes – minimizes inventory

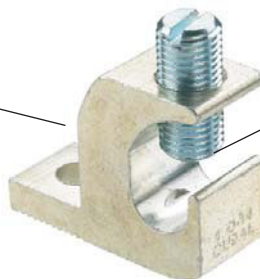


Bronze Grounding Clamp



Aluminum Lay-In Lug

High-density aluminum alloy with tin-plating provides premium electrical and mechanical performance for long-term dependability







Wide wire range-taking supports multiple wire sizes minimizing inventory requirements with minimum parts

UL Listed and CSA Certified for use up to 600 V and UL temperature rated 90°C ensure a high level of safety and reliability



Selection Guide – StructuredGround™ Mechanical Connectors

UL Listed Direct Burial	Service Post Type	Stud Size (In.)	Thread Length (In.)	Copper Code Conductor Size																	
				#12 AWG	#10 AWG	#8 AWG	#7 AWG	#6 AWG	#4 AWG	#3 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	300 kcmil	350 kcmil	400 kcmil	500 kcmil
				Panduit Part Number																	
	Bronze Service Post One Conductor SP1	1/4-20	1/2	SP1-8-C*																	
			1	SP1-8L-C*																	
		1/4-20	1/2		SP1-7-C*																
			1		SP1-7L-C*																
		5/16-18	9/16	SP1-4-C*																	
			1	SP1-4L-C*																	
		3/8-16	5/8	SP1-3-C*																	
			1 1/8	SP1-3L-C*																	
			5/8	SP1-2-C																	
		1/2-13	1 1/8	SP1-2L-C																	
			3/4	SP1-1/0-L*																	
			1 1/4	SP1-1/0L-L*																	
			3/4	SP1-2/0-Q*																	
		5/8-11	1 1/4	SP1-2/0L-Q*																	
			1		SP1-4/0-Q*																
			1 1/2		SP1-4/0L-Q*																
			1		SP1-350-12																
		3/4-10	1 1/2		SP1-350L-12																
1 3/8			SP1-500-12																		
1 3/4			SP1-500L-12																		
	Bronze Service Post Two Conductors SP2	1/4-20	1/2	SP2-8-C*																	
			1	SP2-8L-C*																	
		1/4-20	1/2	SP2-7-C*																	
			1	SP2-7L-C*																	
		5/16-18	9/16	SP2-4-C*																	
			1	SP2-4L-C*																	
		3/8-16	5/8	SP2-3-C*																	
			1 1/8	SP2-3L-C*																	
			5/8	SP2-2-C*																	
		1/2-13	1 1/8	SP2-2L-C*																	
			3/4	SP2-1/0-L*																	
			1 1/4	SP2-1/0L-L*																	
			3/4	SP2-2/0-Q*																	
		5/8-11	1 1/4	SP2-2/0L-Q*																	
			1	SP2-4/0-Q*																	
			1 1/2	SP2-4/0L-Q*																	
			1	SP2-350-12																	
		3/4-10	1 1/2	SP2-350L-12																	
1 3/8	SP2-500-12																				
1 3/4	SP2-500L-12																				
	Bronze Service Post One Conductor SPF1	1/4-20	1/4	SPF1-8-C*																	
		5/16-18	5/16	SPF1-7-C*																	
		3/8-16	3/8	SPF1-4-C*																	
		1/2-13	7/16	SPF1-3-C																	
			1/2	SPF1-2-C																	
		5/8-11	7/16	SPF1-1/0-L*																	
			1/2	SPF1-2/0-Q*																	
3/4-10	3/4	SPF1-4/0-Q																			
3/4-10	3/4	SPF1-350-12																			
3/4-10	3/4	SPF1-500-12																			
	Bronze Service Post Two Conductors SPF2	1/4-20	1/4	SPF2-8-C*																	
		5/16-18	5/16	SPF2-7-C*																	
		3/8-16	5/16	SPF2-4-C*																	
			3/8	SPF2-3-C*																	
		1/2-13	3/8	SPF2-2-C*																	
			7/16	SPF2-1/0-L*																	
		5/8-11	1/2	SPF2-2/0-Q*																	
			5/8	SPF2-4/0-Q*																	
3/4-10	3/4	SPF2-350-12																			
3/4-10	3/4	SPF2-500-12																			

*Denotes minimum conductor size is solid conductor.

For technical assistance in the U.S., call 866-405-6654 (outside the U.S., see inside back cover for directory)

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels












E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Selection Guide – StructuredGround™ Mechanical Connectors (continued)

A. System Overview	UL Listed Direct Burial	Ground Clamp Type	Ground Rod Size (In.)	Pipe Size (In.)	Copper Code Conductor Size															
					#14 AWG	#12 AWG	#10 AWG	#8 AWG	#7 AWG	#6 AWG	#4 AWG	#3 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	300 kcmil
Panduit Part Number																				
B1. Cable Ties	 D3.24	One Barrel, One-Hole LI	—	—	LI-50S-C@ #10 stud hole															
					LI-112-L@ 1/4" stud hole															
					LI-252S-Q@ 5/16" stud hole															
B2. Cable Accessories			5/8 or 3/4	3/8	GPL-4-Q*				GPL-5-Q*				GPL-6-Q*							
			7/8 or 1	1/2 or 3/4	GPL-8-Q*				GPL-9-Q*				GPL-10-Q*							
B3. Stainless Steel Ties			—	1	GPL-14-X*				GPL-15-X*				GPL-16-X*							
C1. Wiring Duct		Bronze Ground Clamp One Conductor GPL	—	1 1/4	GPL-20-X*				GPL-21-X*				GPL-22-X*							
C2. Surface Raceway	 D3.25		—	1 1/2	GPL-26-X*				GPL-27-X*				GPL-28-X*							
			—	2	GPL-32-3*				GPL-33-3*				GPL-34-3*							
			—	2 1/2	GPL-39-3*				GPL-40-3*											
C3. Abrasion Protection			—	3	GPL-44-1*				GPL-45-1*				GPL-46-1*							
			—	3 1/2	GPL-51-1*				GPL-52-1*											
C4. Cable Management			—	4	GPL-57-1*				GPL-58-1*											
			—	6	GPL-75-X*															
D1. Terminals	 D3.26	Bronze Ground Clamp Two Conductors GU	—	1 1/4	GU-2-X* ‡												GU-13-3 ‡			
			—	2																
D2. Power Connectors	 D3.26	Bronze Ground Clamp KP	—	1/2-#1	KP1-C* @															
			—	1 1/4-#2	KP2-L* @															
D3. Grounding Connectors	 D3.27	Bronze Ground Clamp KLS	—	1/2-1	KLS-0-Q* ‡ 1/2" hub size															
					KLS-1-Q* ‡ 3/4" hub size															
					KLS-1A-X* ‡ 1" hub size															
E1. Labeling Systems	 D3.27	Bronze Ground Clamp KH	—	1/2-1	KH-1-L* ‡ 1/2" hub size															
			—	1 1/4-2	KH-2-L* ‡ 1/2" hub size															
E2. Labels	 D3.28	Aluminum Ground Clamp GC	—	1/2-3/4-1	GC-15A-Q @ DR															
			—	1 1/4-1 1/2-2	GC-18A-X @ DR															
			—	2 1/2-3-3 1/2-4	GC-22A-4 @ DR															
E3. Pre-Printed & Write-On Markers	 D3.28	Bronze Ground Rod Clamp WB	1/2	—	WB12-L*															
			5/8	—	WB34-X															
			3/4	—	WB34-X															
E4. Permanent Identification			5/8	—	WB58-Q															
	 D3.29	Bronze Ground Clamp GMS	—	—	GMS-1-X*				GMS-2-Q*				GMS-3-Q*							
E5. Lockout/Tagout & Safety Solutions	 D3.29	Bronze Ground Clamp GM	—	—	GM-2-Q*				GM-3-Q*											

*Denotes minimum conductor size is solid conductor.

@Denotes not UL Listed for Direct Burial.

DR Denotes Dual Rated for use with copper or aluminum conductors.

‡Denotes not UL Listed or CSA Certified.

Panduit Grounding Connector Approvals



Logo (Symbol)	Agency	Spec/Approval	Applicable Products
	Underwriters Laboratories, Inc.	UL 486A Wire Connectors and Soldering Lugs for use in US and Canada	As shown on product pages.
	Underwriters Laboratories, Inc.	UL 486A – 486B Wire Connectors and Soldering Lugs for use in US	As shown on product pages.
	Underwriters Laboratories, Inc.	UL 467 Grounding and Bonding Equipment for use in US and Canada	As shown on product pages.
	Underwriters Laboratories, Inc.	UL 467 Grounding and Bonding Equipment for use in US	As shown on product pages.
	Canadian Standards Association	C22.2 No. 65-03 Wire Connectors	As shown on product pages.
	Canadian Standards Association	C22.2 No. 41-M1987 (R1999) Grounding and Bonding Equipment	As shown on product pages.
	Institute of Electrical and Electronics Engineers	IEEE Std. 837™ - 2002 IEEE Standard for Qualifying Permanent Connection used in Substation Grounding	As shown on product pages.

A.
System Overview

B1.
Cable Ties

B2.
Cable Accessories

B3.
Stainless Steel Ties

C1.
Wiring Duct

C2.
Surface Raceway

C3.
Abrasion Protection

C4.
Cable Management

D1.
Terminals

D2.
Power Connectors

D3.
Grounding Connectors

E1.
Labeling Systems

E2.
Labels

E3.
Pre-Printed & Write-On Markers

E4.
Permanent Identification

E5.
Lockout/Tagout & Safety Solutions

F.
Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

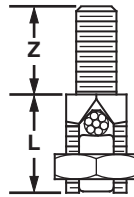
F. Index



Service Post Connector, Male Stud, Single Conductor, Bronze

Type SP1

- For grounding one copper code conductor to steel structures, busbars, or transformers or for tapping from busbar with hex nut and washer
- Made from high copper content, hard drawn copper rod provides high strength
- Offered with standard and long stud lengths to accommodate a variety of mounting applications
- Wide wire range-taking capability minimizes inventory requirements
- True hex design for body and nut hex provides correct fit with socket, box, or open end wrenches resulting in proper torquing of electrical connection
- Pressure bar provides secure connection on a full range of conductor combinations used with each connector providing premium wire pull-out strength
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete



Part Number	Conductor Size Range	Stud Size*	Figure Dimensions In. (mm)		Nut Hex (In.)	Body Hex (In.)	Std. Pkg. Qty.
			L	Z			
SP1-8-C	#12 SOL – #8 STR	1/4 – 20	0.63 (16.0)	0.50 (12.7)	0.50	0.38	100
SP1-8L-C			0.63 (16.0)	1.00 (25.4)			
SP1-7-C	#8 SOL – #7 STR	1/4 – 20	0.88 (22.4)	0.50 (12.7)	0.69	0.50	100
SP1-7L-C			0.88 (22.4)	1.00 (25.4)			
SP1-4-C	#10 SOL – #4 STR	5/16 – 18	0.94 (23.9)	0.56 (14.2)	0.75	0.56	100
SP1-4L-C			0.94 (23.9)	1.00 (25.4)			
SP1-3-C	#6 SOL – #3 STR	3/8 – 16	1.06 (26.9)	0.63 (16)	0.81	0.63	100
SP1-3L-C			1.06 (26.9)	1.13 (28.7)			
SP1-2-C	#4 STR – #2 STR	3/8 – 16	1.06 (26.9)	0.63 (16)	0.88	0.69	100
SP1-2L-C			1.06 (26.9)	1.13 (28.7)			
SP1-1/0-L	#6 SOL – 1/0 STR	1/2 – 13	1.31 (33.3)	0.75 (19.1)	1.00	0.75	50
SP1-1/0L-L			1.31 (33.3)	1.25 (31.8)			
SP1-2/0-Q	#1 SOL – 2/0 STR	1/2 – 13	1.44 (36.6)	0.75 (19.1)	1.13	0.88	25
SP1-2/0L-Q			1.44 (36.6)	1.25 (31.8)			
SP1-4/0-Q	3/0 SOL – 4/0 STR	5/8 – 11	1.69 (42.9)	1.00 (25.4)	1.38	1.13	25
SP1-4/0L-Q			1.69 (42.9)	1.50 (38.1)			
SP1-350-12	4/0 STR – 350 kcmil	5/8 – 11	2.00 (50.8)	1.00 (25.4)	1.50	1.25	12
SP1-350L-12			2.00 (50.8)	1.50 (38.1)			
SP1-500-12	250 kcmil – 500 kcmil	3/4 – 10	2.31 (58.7)	1.38 (35.1)	1.81	1.50	12
SP1-500L-12			2.31 (58.7)	1.75 (44.5)			

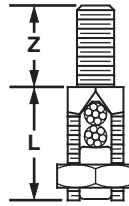
*UNC threads.



Service Post Connector, Male Stud, Two Conductor, Bronze

Type SP2

- For grounding two copper code conductors to steel structures, busbars, or transformers or for tapping from busbar with hex nut and washer
- Made from high copper content, hard drawn copper rod provides high strength
- Offered with standard and long stud lengths to accommodate a variety of mounting applications
- Wide wire range-taking capability minimizes inventory requirements
- True hex design for body and nut hex provides correct fit with socket, box, or open end wrenches resulting in proper torquing of electrical connection
- Pressure bar provides secure connection on a full range of conductor combinations used with each connector providing premium wire pull-out strength
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete



Part Number	Conductor Size Range	Stud Size*	Figure Dimensions In. (mm)		Nut Hex (In.)	Body Hex (In.)	Std. Pkg. Qty.
			L	Z			
SP2-8-C	#12 SOL – #8 STR	1/4 – 20	0.75 (19.0)	0.50 (12.7)	0.50	0.38	100
SP2-8L-C			0.75 (19.0)	1.00 (25.4)			
SP2-7-C	#10 SOL – #7 STR	1/4 – 20	1.00 (25.4)	0.50 (12.7)	0.69	0.50	100
SP2-7L-C			1.00 (25.4)	1.00 (25.4)			
SP2-4-C	#10 SOL – #4 STR	5/16 – 18	1.16 (29.5)	0.56 (14.2)	0.75	0.56	100
SP2-4L-C			1.16 (29.5)	1.00 (25.4)			
SP2-3-C	#10 SOL – #3 STR	3/8 – 16	1.09 (27.7)	0.63 (16)	0.81	0.63	100
SP2-3L-C			1.09 (27.7)	1.13 (28.7)			
SP2-2-C	#10 SOL – #2 STR	3/8 – 16	1.38 (35.1)	0.63 (16)	0.88	0.69	100
SP2-2L-C			1.28 (32.5)	1.13 (28.7)			
SP2-1/0-L	#2 SOL – 1/0 STR	1/2 – 13	1.69 (42.9)	0.75 (19.1)	1.00	0.75	50
SP2-1/0L-L			1.69 (42.9)	1.25 (31.8)			
SP2-2/0-Q	#2 SOL – 2/0 STR	1/2 – 13	1.88 (47.8)	0.75 (19.1)	1.13	0.88	25
SP2-2/0L-Q			1.88 (47.8)	1.25 (31.8)			
SP2-4/0-Q	#1 SOL – 4/0 STR	5/8 – 11	2.25 (57.2)	1.00 (25.4)	1.38	1.13	25
SP2-4/0L-Q			2.25 (57.2)	1.50 (38.1)			
SP2-350-12	#1 STR – 350 kcmil	5/8 – 11	2.69 (68.3)	1.00 (25.4)	1.50	1.25	12
SP2-350L-12			2.69 (68.3)	1.50 (38.1)			
SP2-500-12	3/0 STR – 500 kcmil	3/4 – 10	3.19 (81.0)	1.38 (35.1)	1.81	1.50	12
SP2-500L-12			3.19 (81.0)	1.75 (44.5)			

*UNC threads.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

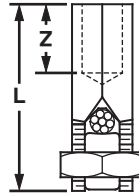
E5. Lockout/Tagout & Safety Solutions

F. Index

UL LISTED **Service Post Connector, Female Thread, Single Conductor, Bronze**

Type SPF1

- For grounding one copper code conductor to steel structures, busbars, or transformers or for tapping from busbar using external studs, screws, or bolts
- Made from high copper content, hard drawn copper rod provides high strength
- Wide wire range-taking capability minimizes inventory requirements
- True hex design for body and nut hex provides correct fit with socket, box, or open end wrenches resulting in proper torquing of electrical connection
- Pressure bar provides secure connection on a full range of conductor combinations used with each connector providing premium wire pull-out strength
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete



Part Number	Conductor Size Range	Thread Size*	Figure Dimensions In. (mm)		Nut Hex (In.)	Body Hex (In.)	Std. Pkg. Qty.
			L	Z			
SPF1-8-C	#12 SOL – #8 STR	1/4 – 20	0.91 (23.1)	0.25 (6.4)	0.50	0.38	100
SPF1-7-C	#10 SOL – #7 STR	1/4 – 20	1.13 (28.7)	0.25 (6.4)	0.69	0.50	100
SPF1-4-C	#8 SOL – #4 STR	5/16 – 18	1.44 (36.6)	0.31 (7.9)	0.75	0.56	100
SPF1-3-C	#6 STR – #3 STR	3/8 – 16	1.50 (38.1)	0.38 (9.7)	0.81	0.63	100
SPF1-2-C	#6 STR – #2 STR	3/8 – 16	1.63 (41.4)	0.38 (9.7)	0.88	0.69	100
SPF1-1/0-L	#2 SOL – 1/0 STR	1/2 – 13	1.88 (47.8)	0.44 (11.2)	1.00	0.75	50
SPF1-2/0-Q	#1 SOL – 2/0 STR	1/2 – 13	2.06 (52.3)	0.50 (12.7)	1.13	0.88	25
SPF1-4/0-Q	1/0 STR – 4/0 STR	5/8 – 11	2.38 (60.5)	0.63 (16)	1.38	1.13	25
SPF1-350-12	4/0 STR – 350 kcmil	5/8 – 11	2.63 (66.8)	0.63 (16)	1.50	1.25	12
SPF1-500-12	300 kcmil – 500 kcmil	3/4 – 10	3.13 (79.5)	0.75 (19.1)	1.81	1.50	12

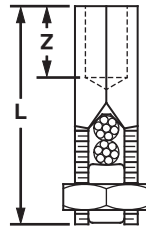
*UNC threads.



Service Post Connector, Female Thread, Two Conductor, Bronze

Type SPF2

- For grounding two copper code conductors to steel structures, busbars, or transformers or for tapping from busbar using external threaded studs, screws, or bolts
- Made from high copper content, hard drawn copper rod provides high strength
- Wide wire range-taking capability minimizes inventory requirements
- True hex design for body and nut hex provides correct fit with socket, box, or open end wrenches resulting in proper torquing of electrical connection
- Pressure bar provides secure connection on a full range of conductor combinations used with each connector providing premium wire pull-out strength
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete



Part Number	Conductor Size Range	Thread Size*	Figure Dimensions In. (mm)		Nut Hex (In.)	Body Hex (In.)	Std. Pkg. Qty.
			L	Z			
SPF2-8-C	#12 SOL – #8 STR	1/4 – 20	1.13 (28.7)	0.25 (6.4)	0.50	0.38	100
SPF2-7-C	#10 SOL – #7 STR	1/4 – 20	1.44 (36.6)	0.25 (6.4)	0.69	0.50	100
SPF2-4-C	#10 SOL – #4 STR	5/16 – 18	1.56 (39.6)	0.31 (7.9)	0.75	0.56	100
SPF2-3-C	#10 SOL – #3 STR	3/8 – 16	1.63 (41.4)	0.38 (9.7)	0.81	0.63	100
SPF2-2-C	#10 SOL – #2 STR	3/8 – 16	1.94 (49.3)	0.38 (9.7)	0.88	0.69	100
SPF2-1/0-L	#2 SOL – 1/0 STR	1/2 – 13	2.13 (54.1)	0.44 (11.2)	1.00	0.75	50
SPF2-2/0-Q	#2 SOL – 2/0 STR	1/2 – 13	2.31 (58.7)	0.50 (12.7)	1.13	0.88	25
SPF2-4/0-Q	#1 SOL – 4/0 STR	5/8 – 11	2.50 (63.5)	0.63 (16)	1.38	1.13	25
SPF2-350-12	#1 STR – 350 kcmil	5/8 – 11	2.69 (68.3)	0.63 (16)	1.50	1.25	12
SPF2-500-12	3/0 STR – 500 kcmil	3/4 – 10	3.31 (84.1)	0.75 (19.1)	1.81	1.50	12

*UNC threads.

A.
System
Overview

B1.
Cable
Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview



One-Hole Aluminum Lay-In Lug

B1. Cable Ties

Type LI

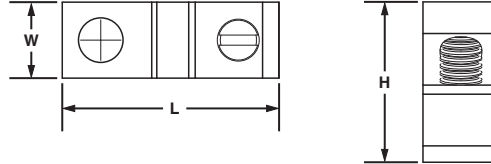
B2. Cable Accessories

- Used for quick installation of a continuous grounding conductor
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin-plated to inhibit corrosion
- Wide wire range-taking capability minimizes inventory requirements
- UL Listed and CSA Certified for use up to 600 V and UL temperature rated 90°C

B3. Stainless Steel Ties



C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection

Part Number	Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions In. (mm)			Std. Pkg. Qty.
				L	W	H	
LI-50S-C	#14 – #4 AWG	0.22	**	1.07 (27.2)	0.38 (9.7)	0.78 (19.8)	100
LI-112S-L	#14 – 1/0 AWG	0.27	**	1.50 (38.1)	0.60 (15.2)	1.17 (29.7)	50
LI-252S-Q	#6 AWG – 250 kcmil	0.33	9/16	2.20 (55.9)	0.80 (20.3)	1.79 (45.5)	25

The use of Panduit oxide inhibiting joint compound (CMP) is recommended for pad to pad and conductor connections. See below.
**Uses slotted head set screw.

D1. Terminals

Joint Compounds

D2. Power Connectors

Type CMP

- Oxide inhibitor for compression conductor connections lowers electrical resistance of compression joint while sealing out air and moisture to prevent the formation of surface oxides
- Wide operating temperature range; can be used in a wide range of electrical and environmental conditions
- Packaged in convenient dispenser bottles

D3. Grounding Connectors



E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

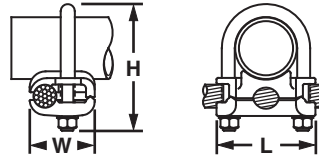
F. Index

Part Number	Part Description	Std. Pkg. Qty.
CMP-100-1	Contact aid for pad-to-pad or thread-to-thread aluminum connections, 8 oz. Operating temperature range -60°F (-51°C) to 400°F (204°C).	1
CMP-200-1	Contact aid for cable connections with compression connections made on aluminum conductor, 8 oz. Operating temperature range -40°F (-40°C) to 400°F (204°C). Compatible with all insulating materials.	1
CMP-300-1	Contact aid for copper-to-copper and copper-to-steel connections, 8 oz. Operating temperature range -40°F (-40°C) to 350°F (177°C). Good for all voltages and suitable for grounding. Also used for anti-seizing thread lubricant.	1
CMP-300-4-1	Contact aid for copper-to-copper and copper-to-steel connections, 4 oz. Operating temperature range -40°F (-40°C) to 350°F (177°C). Good for all voltages and suitable for grounding. Also used for anti-seizing thread lubricant.	1

UL LISTED **US** Grounding Clamp, U-Bolt, Bronze

Type GPL

- Used to ground copper conductor parallel or at a right angle to a rod, tube, or pipe
- Made from high strength, electrolytic cast bronze
- High strength silicon bronze hardware provides long term reliable assembly
- Accommodates a wide range of pipe, tube, rod and conductor sizes – minimizes inventory requirements
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete



Part Number	Ground Rod Size (In.)	Iron Pipe Size (In.)	Conductor Size Range	Figure Dimensions In. (mm)			Bolt Dia. (In.)	Hex Size (In.)	Std. Pkg. Qty.
				L	W	H			
GPL-4-Q	5/8 or 3/4	3/8	#8 SOL – #4 STR	2.00 (50.8)	1.38 (35.1)	2.75 (69.9)	3/8	9/16	25
GPL-5-Q	5/8 or 3/4	3/8	#4 SOL – 2/0 STR	2.00 (50.8)	1.63 (41.4)	2.75 (69.9)	3/8	9/16	25
GPL-6-Q	5/8 or 3/4	3/8	2/0 SOL – 250 kcmil	2.00 (50.8)	1.88 (47.8)	2.75 (69.9)	3/8	9/16	25
GPL-8-Q	7/8 or 1	1/2 or 3/4	#8 SOL – #4 STR	2.38 (60.5)	1.38 (35.1)	2.63 (66.8)	3/8	9/16	25
GPL-9-Q	7/8 or 1	1/2 or 3/4	#4 SOL – 2/0 STR	2.38 (60.5)	1.63 (41.4)	2.63 (66.8)	3/8	9/16	25
GPL-10-Q	7/8 or 1	1/2 or 3/4	2/0 SOL – 250 kcmil	2.38 (60.5)	1.88 (47.8)	3.00 (76.2)	3/8	9/16	25
GPL-14-X	—	1	#8 SOL – #4 STR	2.63 (66.8)	1.38 (35.1)	2.75 (69.9)	3/8	9/16	10
GPL-15-X	—	1	#4 SOL – 2/0 STR	2.63 (66.8)	1.63 (41.4)	2.75 (69.9)	3/8	9/16	10
GPL-16-X	—	1	2/0 SOL – 250 kcmil	2.63 (66.8)	1.88 (47.8)	3.25 (82)	3/8	9/16	10
GPL-20-X	—	1 1/4	#8 SOL – #4 STR	3.00 (76.2)	1.38 (35.1)	3.50 (88.9)	3/8	9/16	10
GPL-21-X	—	1 1/4	#4 SOL – 2/0 STR	3.00 (76.2)	1.63 (41.4)	3.50 (88.9)	3/8	9/16	10
GPL-22-X	—	1 1/4	2/0 SOL – 250 kcmil	3.00 (76.2)	1.88 (47.8)	3.50 (88.9)	3/8	9/16	10
GPL-26-X	—	1 1/2	#8 SOL – #4 STR	3.25 (82.6)	1.38 (35.1)	4.00 (101.6)	3/8	9/16	10
GPL-27-X	—	1 1/2	#4 SOL – 2/0 STR	3.25 (82.6)	1.63 (41.4)	4.00 (101.6)	3/8	9/16	10
GPL-28-X	—	1 1/2	2/0 SOL – 250 kcmil	3.25 (82.6)	1.88 (47.8)	4.00 (101.6)	3/8	9/16	10
GPL-32-3	—	2	#8 SOL – #4 STR	3.75 (95.3)	1.38 (35.1)	4.25 (107.9)	3/8	9/16	3
GPL-33-3	—	2	#4 SOL – 2/0 STR	3.75 (95.3)	1.63 (41.4)	4.25 (107.9)	3/8	9/16	3
GPL-34-3	—	2	2/0 SOL – 250 kcmil	3.75 (95.3)	1.88 (47.8)	4.25 (107.9)	3/8	9/16	3
GPL-39-3	—	2 1/2	#4 SOL – 2/0 STR	4.25 (107.9)	1.63 (41.4)	5.00 (127)	3/8	9/16	3
GPL-40-3	—	2 1/2	2/0 SOL – 250 kcmil	4.25 (107.9)	1.88 (47.8)	5.00 (127)	3/8	9/16	3
GPL-44-1	—	3	#8 SOL – #4 STR	4.75 (120.6)	1.38 (35.1)	5.50 (140)	3/8	9/16	1
GPL-45-1	—	3	#4 SOL – 2/0 STR	4.75 (120.6)	1.63 (41.4)	5.50 (139.7)	3/8	9/16	1
GPL-46-1	—	3	2/0 SOL – 250 kcmil	4.75 (120.6)	1.88 (47.8)	5.50 (139.7)	3/8	9/16	1
GPL-51-1	—	3 1/2	#4 SOL – 2/0 STR	5.25 (133.4)	1.63 (41.4)	6.25 (158.8)	3/8	9/16	1
GPL-52-1	—	3 1/2	2/0 SOL – 250 kcmil	5.25 (133.4)	1.88 (47.8)	6.25 (158)	3/8	9/16	1
GPL-57-1	—	4	#4 SOL – 2/0 STR	5.75 (146.0)	1.63 (41.4)	6.38 (162.1)	3/8	9/16	1
GPL-58-1	—	4	2/0 SOL – 250 kcmil	5.75 (146.0)	1.88 (47.8)	6.38 (162.1)	3/8	9/16	1
GPL-75-X	—	6	#4 SOL – 2/0 STR	7.88 (200.2)	1.58 (40.1)	7.85 (199.4)	3/8	1 1/4	10

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

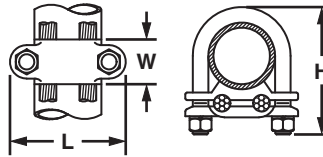
E5. Lockout/Tagout & Safety Solutions

F. Index

UL LISTED Grounding Clamp, U-Bolt, for Two Cables, Bronze

Type GU

- Used to ground two copper code conductors parallel to a rod, tube, or pipe
- Made from high strength, electrolytic cast bronze
- High strength silicon bronze hardware provides long term reliable assembly
- Accommodates a wide range of pipe, tube, rod and conductor sizes – minimizes inventory requirements
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete

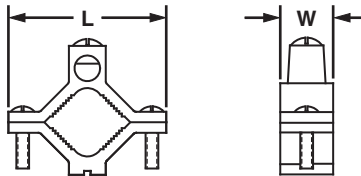


Part Number	Iron Pipe Size (In.)	Conductor Size Range	Figure Dimensions In. (mm)			Bolt Dia. (In.)	Hex Size (In.)	Std. Pkg. Qty.
			L	W	H			
GU-2-X	1	#4 SOL – 2/0 STR	2.75 (70.0)	1.13 (28.6)	3.25 (82.6)	3/8	9/16	10
GU-4-X	1 1/4	#8 SOL – #4 STR	3.00 (76.2)	1.13 (28.6)	3.25 (82.6)	3/8	9/16	10
GU-13-3	2	300 kcmil – 500 kcmil	4.00 (102.0)	1.50 (38.1)	4.63 (118.0)	1/2	3/4	3

UL LISTED Grounding Clamp for Water Pipes, Bronze

Type KP

- Used to ground copper code conductor to water pipe or copper tube
- Cast from high strength, electrolytic bronze to provide reliable grounding connections
- Plated steel screws provide high strength and inhibit corrosion
- Accommodates a wide range of pipe, tube, rod and conductor sizes – minimizes inventory requirements
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete



Part Number	Water Pipe Range (In.)	Conductor Size Range	Figure Dimensions In. (mm)		Std. Pkg. Qty.
			L	W	
KP1-C	1/2 – 1	#10 SOL – #2 STR	2.28 (57.9)	0.66 (16.8)	100
KP2-L	1 1/4 – 2	#10 SOL – #2 STR	3.58 (90.9)	0.73 (18.5)	50

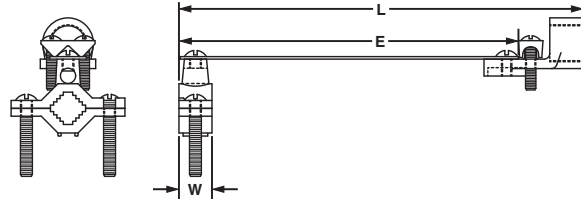


Grounding Clamp for Water Pipe with Copper Strap, Bronze

Type KLS

- Used to ground copper code conductor to rigid conduit systems
- Cast from high strength, electrolytic bronze to provide reliable grounding connections
- Plated steel screws provide high strength and inhibit corrosion
- Pure copper contact strip included to isolate conduit system from water pipe vibrations

- High strength bronze conduit hub also included to provide durable connection of conduit to copper strap
- Accommodates a wide range of pipe, tube, and conductor sizes – minimizes inventory requirements
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete



Part Number	Conduit Hub Size	Water Pipe Range (In.)	Conductor Size Range	Figure Dimensions In. (mm)			Std. Pkg. Qty.
				L	W	E	
KLS-0-Q	1/2	1/2 – 1	#8 SOL – #4 STR	8.22 (58.7)	0.66 (16.8)	6.88 (174.8)	25
KLS-1-Q	3/4	1/2 – 1	#8 SOL – #4 STR	8.22 (58.7)	0.66 (16.8)	6.88 (174.8)	25
KLS-1A-X	1	1/2 – 1	#8 SOL – #4 STR	8.38 (58.7)	0.66 (16.8)	6.88 (174.8)	10

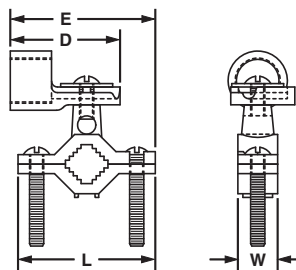


Grounding Clamp for Conduit, Bronze

Type KH

- Used to ground copper code conductor to rigid conduit systems
- Cast from high strength, electrolytic bronze to provide reliable grounding connections
- Plated steel screws provide high strength and inhibit corrosion
- Includes high strength bronze conduit hub to ensure a durable connection of conduit to copper strap

- Accommodates a wide range of pipe, tube, and conductor sizes – minimizes inventory requirements
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete



Part Number	Conduit Hub Size	Water Pipe Range (In.)	Conductor Size Range	Figure Dimensions In. (mm)				Std. Pkg. Qty.
				L	W	E	D	
KH-1-L	1/2	1/2 – 1	#10 SOL – #4 STR	2.31 (58.7)	0.66 (16.8)	2.54 (64.5)	1.85 (47)	50
KH-2-L	1/2	1 1/4 – 2	#10 SOL – #4 STR	3.60 (91.4)	0.79 (20.1)	3.02 (76.7)	1.85 (47)	50

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

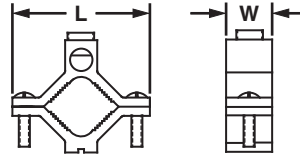
E5. Lockout/Tagout & Safety Solutions

F. Index

UL LISTED Grounding Clamp for Water Pipes, Aluminum

Type GC

- Dual-rated for grounding aluminum or copper code conductors to copper water pipe, galvanized pipe, or steel conduit
- Made from high strength, extruded aluminum alloy to provide long term durability
- Tin-plated to inhibit corrosion and oxidation and for low contact resistance
- Plated steel screws provide high strength and inhibit corrosion
- Accommodates a wide range of pipe, tube, and conductor sizes – minimizes inventory requirements
- UL Listed for grounding and bonding

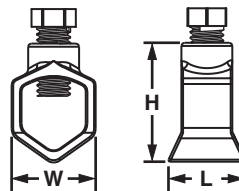


Part Number	Conduit Pipe or Water Tube Size	Conductor Size Range	Figure Dimensions In. (mm)		Std. Pkg. Qty.
			L	W	
GC-15A-Q	1/2 – 3/4 – 1	#14 AWG – 1/0 AWG	2.25 (57.2)	0.69 (17.5)	25
GC-18A-X	1 1/4 – 1, 1/2 – 2	#6 AWG – 250 kcmil	3.75 (95.3)	0.81 (20.6)	10
GC-22A-4	2 1/2 – 3 – 3 1/2 – 4	#6 AWG – 250 kcmil	6.31 (95.3)	1.00 (25.4)	4

UL LISTED CSA CERTIFIED Grounding Rod Clamp, Bronze

Type WB

- Used for grounding copper conductor parallel to ground rods
- Made from high strength, seamless electrolytic bronze to provide long term durability
- High strength silicon bronze hardware provides long term reliable assembly
- Accommodates a wide range of rod and conductor sizes – minimizes inventory requirements
- UL Listed and CSA Certified for grounding and bonding and suitable for direct burial in earth and concrete



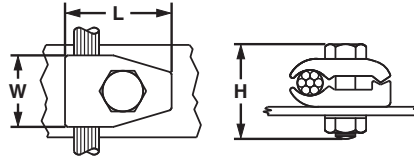
Part Number	Ground Rod Size	Conductor Size Range	Figure Dimensions In. (mm)			Hex Size In.	Std. Pkg. Qty.
			L	W	H		
WB12-L	1/2	#2 – #10 STR, #10 SOL	0.88 (22.4)	0.84 (21.3)	1.28 (32.5)	1/2	50
WB34-X	5/8 3/4	1/0 – #8 STR, #2 – #8 STR	1.03 (26.2)	1.06 (26.9)	1.54 (39.1)	1/2	10
WB58-Q	5/8	1/0 – #8 STR	1.04 (26.4)	0.92 (23.4)	1.40 (35.6)	1/2	25



Grounding Clamp with Spacer for Flat Surfaces, Bronze

Type GM

- Used to ground copper code conductor to flat surfaces
- Cast from high strength, electrolytic bronze to provide reliable grounding connections
- High strength silicon bronze hardware for long term reliable assembly
- Accommodates a wide range of conductor sizes – minimizes inventory requirements
- Incorporates spacer plate to separate conductor from mounting surface
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete



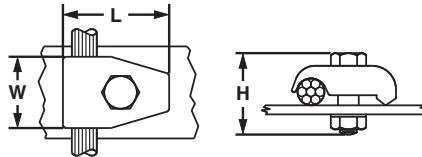
Part Number	Conductor Size Range	Figure Dimensions In. (mm)			Hex Size (In.)		Std. Pkg. Qty.
		L	W	H	Bolt	Nut	
GM-2-Q	#4 SOL – 2/0 STR	1.63 (41.4)	1.13 (28.7)	1.75 (44.5)	9/16	9/16	25
GM-3-Q	2/0 SOL – 250 kcmil	2.13 (54.1)	1.50 (38.1)	2.00 (50.8)	3/4	3/4	25



Grounding Clamp for Flat Surfaces, Bronze

Type GMS

- Used to ground copper code conductor to flat surfaces
- Cast from high strength, electrolytic bronze to provide reliable grounding connections
- High strength silicon bronze hardware for long term reliable assembly
- Accommodates a wide range of conductor sizes – minimizes inventory requirements
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete



Part Number	Conductor Size Range	Figure Dimensions In. (mm)			Hex Size (In.)		Std. Pkg. Qty.
		L	W	H	Bolt	Nut	
GMS-1-X	#8 SOL – #4 STR	1.25 (31.8)	1.00 (25.4)	1.63 (41.4)	9/16	9/16	10
GMS-2-Q	#4 SOL – 2/0 STR	1.63 (41.4)	1.13 (28.7)	1.75 (44.5)	9/16	9/16	25
GMS-3-Q	2/0 SOL – 250 kcmil	2.13 (54.1)	1.50 (38.1)	2.00 (50.8)	3/4	3/4	25

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

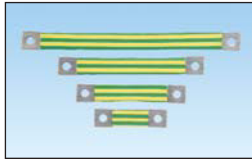
F. Index



Flat Braided Bonding Straps

Type BS

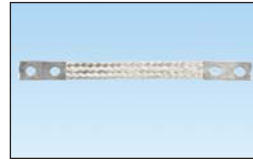
- Used to electrically bond enclosure doors, motors, and machine frames in the construction of control panels or machine structures
- Flat ferrule end design helps to reduce the effects of EMI (Electromagnetic Interference)
- Available with internationally recognized green and yellow insulation for grounding application
- Made of high conductivity copper and tin-plated to inhibit corrosion
- Seamless ferrule ends provide mechanical strength for improved reliability
- UL 467 Listed and CSA Certified



One Hole, Insulated



One-Hole, Non-Insulated



Two-Hole, Non-Insulated

Part Number	Conductor Size	Length In. (mm)	Width In. (mm)	Thickness In. (mm)	Ferrule Length In. (mm)	Stud Hole Size In. (mm)	Stud Hole Spacing In. (mm)	Std. Pkg. Qty.
One-Hole, Insulated								
BS100445	#4 AWG	4.00 (101.6)	1.06 (27.0)	0.13 (3.3)	1.00 (25.4)	3/8 (M10)	—	1
BS100645	#4 AWG	6.00 (152.4)	1.06 (27.0)	0.13 (3.3)	1.00 (25.4)	3/8 (M10)	—	1
BS100845	#4 AWG	8.00 (203.2)	1.06 (27.0)	0.13 (3.3)	1.00 (25.4)	3/8 (M10)	—	1
BS101245	#4 AWG	12.00 (304.8)	1.06 (27.0)	0.13 (3.3)	1.00 (25.4)	3/8 (M10)	—	1
One-Hole, Non-Insulated								
BS100445U	#4 AWG	4.00 (101.6)	1.06 (27.0)	0.13 (3.3)	1.00 (25.4)	3/8 (M10)	—	1
BS100645U	#4 AWG	6.00 (152.4)	1.06 (27.0)	0.13 (3.3)	1.00 (25.4)	3/8 (M10)	—	1
BS100845U	#4 AWG	8.00 (203.2)	1.06 (27.0)	0.13 (3.3)	1.00 (25.4)	3/8 (M10)	—	1
BS101245U	#4 AWG	12.00 (304.8)	1.06 (27.0)	0.13 (3.3)	1.00 (25.4)	3/8 (M10)	—	1
Two-Hole, Non-Insulated								
BS201246EU	#4 AWG	12.00 (304.8)	1.06 (27.0)	0.13 (3.3)	2.50 (36.5)	3/8 (M10)	1.25 (31.8)	1
BS201846EU	#4 AWG	18.00 (457.2)	1.06 (27.0)	0.13 (3.3)	2.50 (36.5)	3/8 (M10)	1.25 (31.8)	1
BS202446EU	#4 AWG	24.00 (609.6)	1.06 (27.0)	0.13 (3.3)	2.50 (36.5)	3/8 (M10)	1.25 (31.8)	1

COMPRESSION CONNECTOR CRIMPING TOOLS

Panduit offers a wide range of tools to provide solutions for installing compression lugs and splices. Panduit installation tools provide quality performance, ease of installation, and lowest installed cost. The long-term reliability of Panduit installation tools provides the highest level of service to meet and surpass customer requirements.



- Ergonomic design to minimize operator effort
- Controlled cycle mechanisms ensuring reliability and repeatability in every crimp made
- Crimping dies are color coded to easily match the compression connector to the proper die
- UL Listed and CSA Certified terminations with Panduit compression connectors, as noted

Panduit compression connector crimping tools are available in an assortment of styles including manually operated mechanical and hydraulic, battery operated hydraulic, and AC powered hydraulic to meet a variety of installation needs. Uni-Die™ Dieless Crimping Tools crimp a variety of sizes and eliminate the need to purchase crimping dies. Fully self-contained, lithium-ion battery powered crimping tools provide the ease of push button crimping with up to 35% more crimps per battery charge and up to a 30% faster crimp cycle time than comparable tools with NiCd or NiMH batteries.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Crimping Guidelines for Panduit® Pan-Lug™ Compression Lugs and Splices

1. Select the proper Panduit compression connector for the conductor type and size being used.

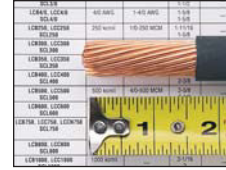
- Panduit compression connectors are identified with the proper conductor size and conductor type marked on the tongue or barrel of the connector

- The proper conductor size and type to be used with each connector can also be found in the installation instructions included with Panduit product packaging and in the tool charts* in this catalog

PANDUIT PART NUMBER	STUD WIRE SIZE	WIRE RANGE-TANGING WITH OR W/OUT TOOLS (SEE NOTE)	WIRE STRIP LENGTH (IN.)	CT-TYPE
LOG SPALICE	6 AWG	---	5/8	RED P24 (3)
LCB, LCC, SCL	6 AWG	---	1-1/16	---
LCB, LCC, SCL	6 AWG	---	1-1/4	BLUE P24 (3)
LCB, LCC, SCL	6 AWG	---	1-1/8	RED P24 (3)
LCB, LCC, SCL	4 AWG	---	1-1/8	GRAY P29 (3)
LCB, LCC, SCL	2 AWG	G-2 AWG	1-1/4	BROWN P33 (3)
LCB, LCC, SCL	1 AWG	G-1 AWG	1-1/4	---
LCB, LCC, SCL	1 AWG	G-1 AWG	1-3/8	GREEN P37 (3)
LCB, LCC, SCL	1/0 AWG	6-1/0 AWG	1-1/2	---
LCB, LCC, SCL	1/0 AWG	6-1/0 AWG	1-3/8	---
LCB, LCC, SCL	2/0 AWG	4-2/0 AWG	1-5/8	---
LCB, LCC, SCL	3/0 AWG	2-3/0 AWG	1-8/10	---

2. Strip the conductor to the proper strip length. As specified:

- On the Panduit product packaging label or
- On the installation instructions included with Panduit product packaging or
- In the tool charts* in this catalog



Make sure the conductor is not stripped too long, which would result in exposed wire between the barrel of the connector and the cable insulation.

Make sure the conductor is not stripped too short, which would result in a less than complete contact area with the connector when the conductor is inserted in the barrel.

Do not nick or cut strands of conductor during crimping, which would result in a less than premium conductor termination.



Make sure conductor strands are free from corrosion.

4. Crimp the connector.

Insert the conductor into the barrel of the connector. The conductor should stop against the end of the barrel of the lug, or wire stop in the butt splice, upon complete insertion of the conductor in the barrel. Some lugs are offered with inspection windows that provide visual inspection of the complete conductor insertion.



Review the installation instructions included with the Panduit product packaging or the tool charts* for the proper number of crimps to be placed in the connector. Make the first crimp in the barrel nearest the tongue of the lug, or wire stop in a butt splice, and make successive crimps in the barrel working towards the conductor entry at the end of the barrel.

MIN. P.C. (2)	(3)	FIN. P.C. (2)
CD-200-2/0	STD	CD-2001-2/0
ACK P45 (3)	(2)	BLACK P45 (3)
CD-200-3/0	STD	CD-2001-3/0
ANGE P50 (3)	(2)	ORANGE P50 (3)
CD-200-4/0	STD	CD-2001-4/0
RPLE P54 (3)	(2)	PURPLE P54 (3)
CD-200-250	STD	CD-2001-250
LOW P62 (3)	(3)	YELLOW P62 (3)
CD-200-300	STD	CD-2001-300
HTE P66 (3)	(3)	WHITE P66 (3)
CD-200-350	STD	CD-2001-350
RED P71 (3)	(3)	RED P71 (3)
CD-200-400	STD	CD-2001-400



Identify



the barrel. Use the color-coded or knurled band markings on the barrel of the connector to evenly space the placement of the crimps in the barrel.

When properly crimped, the die index number engraved in the crimping die will be embossed into the barrel of the connector. The crimp should be placed in the connector so the die index number can be easily read when the connector is installed.

3. Select the proper crimping die and crimping tool to be used with the connector.

Use crimping tools and dies that provide a UL Listed and/or CSA Certified electrical termination, to assure a safe and reliable connection.

Many Panduit compression connectors are UL Listed and CSA Certified when crimped with Panduit and specified competitor crimping tools and dies. These tools and dies are listed in the tool charts* in this catalog. Panduit crimping tools and dies to be used with each connector are also listed on the installation instructions included with Panduit product packaging.



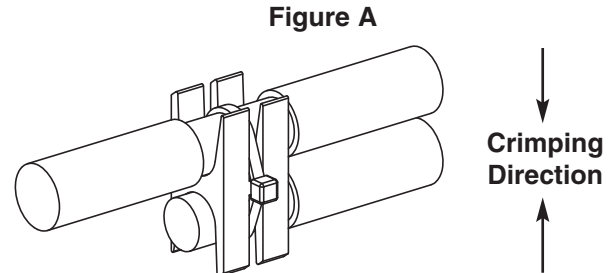
Panduit compression connectors are color-coded and marked with Panduit and specified competitor die index numbers. Select the proper crimping die to be used by matching the color code and die index number marked on the connector to the same markings on the crimping die.

* See tool charts on pages D3.56 – D3.94.

Crimping Guidelines for Panduit® StructuredGround™ Compression Connectors

TAP Installation

1. Locate desired position of TAP along main wire run. Allow clearance for tap wires (and cover installation if applicable). See clear cover table on page D3.13.
2. Strip insulation from wires to the length shown in the TAP table on page D3.14. Use care to avoid damaging the conductors.
3. Position wires in the appropriate tap grooves.
4. For easier installation, apply one of the flame retardant cable ties (provided) around the wires and through the slots in the TAP. **The head of the cable tie must be positioned along the side of the TAP as shown in Figure A.** Tension and cut off excess length of tie. Additional cable ties may be used adjacent to the TAP to secure the wires.
5. Install the correct dies (see page D3.94) into the crimping tool. Position the locator die into the stationary die holder. **Note: The color code and die index number shown on the HTAP and crimping dies must match.**
6. Position the TAP against the locator in the stationary die holder of the crimping tool.
7. After crimping, if desired, cut off the cable tie head or remove the entire cable tie. **Note: In some cases, the cable tie head must be cut off in order for the crimped connector to fit inside the insulating cover.**



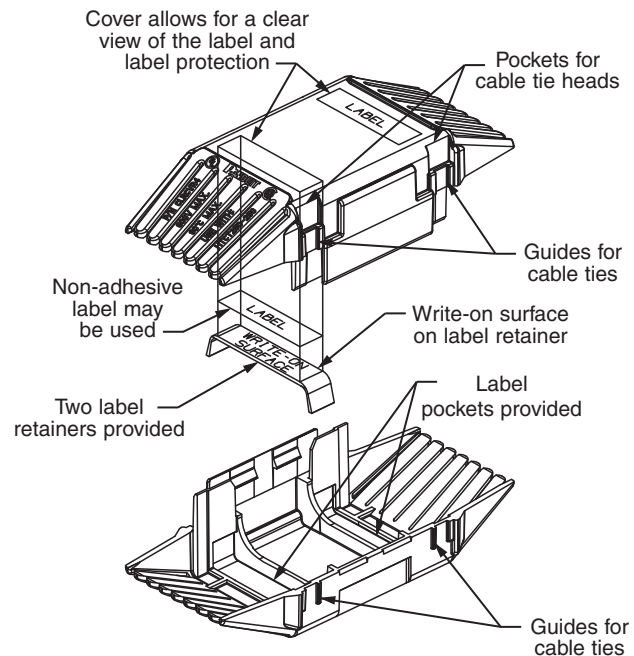
HTAP Cover Installation

1. If labels are being utilized, cut labels to the dimensions shown below. **Note: When using a Panduit® Pan-Ther™ LS8E printer, the length dimensions can be easily programmed to provide cut-off marks.**
2. Position the label(s) in the pockets inside the cover and snap in the label retainer(s) as shown in Figure B. Information can be marked on the matte finish label retainers in lieu of using a separate label.
3. Position one cover half around the crimped connector assembly. Align the second cover half with the first and snap together.
4. Install the two flame retardant cable ties (provided) in the grooved areas on the cover. Tension and cut off excess lengths of ties.

Label Size Information

Clear Cover Part Number	Label Height (Max.)	Label Length (Wrap-Around Style)	Label Length (Flat Style)
CLRCVR1-1	.38	1.56	1.00
CLRCVR2-1	.38	1.87	1.25
CLRCVR3-1	.38	2.37	1.75

Figure B



Note: Configuration of cover may differ slightly from illustration.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A.
System
Overview

Selection Guide – Compression Connector Tools

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout/
& Safety
Solutions

F.
Index

Tool Selection Guide for Crimping Panduit Copper Compression Lugs and Splices for use with Copper Code Conductors																					
Conductor Type	Connector Type	Tool Type	Copper Conductor Range																		
			#14 AWG	#12 AWG	#10 AWG	#8 AWG	#6 AWG	#4 AWG	#3 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	300 kcmil	350 kcmil	400 kcmil	500 kcmil	600 kcmil
Copper Code Conductor	LCAS LCA LCAN LCB LCB-W LCBH LCD LCDN LCC LCC-W LCCN LCCH SCSS SCS SCL SCH SCT PS RSC	Manual Crimping Tools	CT-100A – Plier Type (pg. D1.83)																		
			CT-200 – Plier Type (pg. D1.83)																		
			CT-1570 – Controlled Cycle (pg. D1.84)																		
			CT-1701 – Controlled Cycle (pg. D1.84)																		
			CT-1700* – Controlled Cycle (pg. D1.84)																		
		Manual Hydraulic Crimping Tools	CT-720 – Die Type (pg. D3.37)																		
			CT-930 – 14 ton (pg. D3.39)																		
			CT-980 Uni-Die™ Dieless – 6.2 ton (pg. D3.52)																		
			CT-3001 – In-Line – 6 ton (pg. D3.40)																		
			CT-2002/L – Open "C-head" – 6 ton (pg. D3.41)																		
			CT-2930/L – 14 ton (pg. D3.43)																		
			CT-2940/L – 15 ton (pg. D3.44)																		
			CT-2980/L Uni-Die™ Dieless – 6.2 ton (pg. D3.53)																		
			Lithium-Ion Battery Powered Hydraulic Crimping Tools	CT-930CH – 14 ton (pg. D3.45)																	
				CT-930LPCH – 10.5 ton (pg. D3.48)																	
		CT-940CH – 15 ton (pg. D3.46)																			
		CT-980CH Uni-Die™ Dieless – 6.2 ton (pg. D3.54)																			
		CT-980LPCH Uni-Die™ Dieless – 4.7 ton (pg. D3.54)																			
		Remote Crimp Heads	CT-930CH – 14 ton (pg. D3.45)																		
			CT-940CH – 15 ton (pg. D3.46)																		

See tool charts on pages D3.56 – D3.94 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

*CT-1700 is not used for PSC splices.

Selection Guide – Compression Connector Tools (continued)

Tool Selection Guide for Crimping Panduit Copper Compression Lugs and Splices for use with Copper Flex Conductor																												
Conductor Type	Connector Type	Tool Type	Copper Conductor Range																									
			#8 AWG	#6 AWG	#4 AWG	#3 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	262 kcmil	300 kcmil	313 kcmil	350 kcmil	373 kcmil	400 kcmil	450 kcmil	500 kcmil	535 kcmil	600 kcmil	646 kcmil	750 kcmil	777 kcmil		
Copper Code and Flex Conductor	LCAX LCAXN LCBX LCDXN LCCX LCCXN Maximum Code Conductor Size 4/0 AWG	Manual Crimping Tool	CT-1700 – Controlled Cycle (pg. D1.84)																									
		Manual Hydraulic Crimping Tool	CT-930 – 14 ton (pg. D3.39)																									
		Lithium-Ion Battery Powered Hydraulic Crimping Tools	CT-3001 – In-Line – 6 ton (pg. D3.40)																									
			CT-2002/L – Open “C-head” – 6 ton (pg. D3.41)																									
			CT-2930/L – 14 ton (pg. D3.43)																									
			CT-2940/L – 15 ton (pg. D3.44)																									
		Remote Crimp Heads	CT-930CH – 14 ton (pg. D3.45)																									
			CT-940CH – 15 ton (pg. D3.46)																									
Copper Flex Conductor	LCAF LCCF SCSF RSC	Manual Hydraulic Crimping Tool	CT-930 – 14 ton (pg. D3.39)																									
		Lithium-Ion Battery Powered Hydraulic Crimping Tools	CT-2930/L – 14 ton (pg. D3.43)																									
			CT-2940/L – 15 ton (pg. D3.44)																									
		Remote Crimp Heads	CT-930CH – 14 ton (pg. D3.45)																									
			CT-940CH – 15 ton (pg. D3.46)																									

See tool charts on pages D3.56 – D3.94 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Selection guide continues on page D3.36

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Selection Guide – Compression Connector Tools (continued)

Tool Selection Guide for Crimping Panduit Aluminum Compression Lugs and Splices for use with Copper or Aluminum Code Conductor																			
Conductor Type	Connector Type	Tool Type	Copper or Aluminum Conductor Range																
			#6 AWG	#4 AWG	#3 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	300 kcmil	350 kcmil	400 kcmil	500 kcmil	600 kcmil	750 kcmil	800 kcmil
Copper or Aluminum Code Conductor	LAA LAB SA	Manual Crimping Tools	CT-1700 – Controlled Cycle (pg. D1.84)																
			CT-720 – Die Type (pg. D3.37)																
		Manual Hydraulic Crimping Tool	CT-930 – 14 ton (pg. D3.39)																
			CT-2930/L – 14 ton (pg. D3.43)																
		Lithium-Ion Battery Powered Hydraulic Crimping Tools	CT-2940/L – 15 ton (pg. D3.44)																
			CT-930CH – 14 ton (pg. D3.45)																
		Remote Crimp Heads	CT-940CH – 15 ton (pg. D3.46)																

See tool charts on pages D3.56 – D3.94 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Die Type, Manual, Crimping Tool

- High quality, durable tool construction provides long term dependability



- Develops 6 tons of crimping force, crimps copper compression lugs and splices up to 500 kcmil
- Provides UL Listed and CSA Certified connections on Panduit copper and aluminum lugs, splices, and insulated terminals

Part Number	Part Description	Std. Pkg. Qty.
CT-720	Manual crimping tool for UL Listed or Recognized and CSA Certified terminations of Panduit® Pan-Lug™ copper compression lugs and splices for #8 AWG – 500 kcmil copper code conductor and aluminum compression lugs and splices for #6 AWG – 350 kcmil copper and aluminum code conductors. Provides UL Listed terminations of Panduit® Pan-Term® #8 – #2 AWG vinyl insulated terminals. Color-coded CD-720 crimping dies, carrying/storage case and controlled cycle mechanism must be purchased separately. Specifications: Output: 6 tons Weight: 7.7 lbs. Length: 26" Handle span: 58" (open), 2.5" (closed) Warranty: 90 days	1
CC-720	Optional controlled cycle mechanism only. Total weight of tool with CC-720 is 8.25 lbs.	1
C-720	Black steel carrying case for CT-720 crimping tool.	1

For battery powered crimping tools, see compression connector tools selection guide on pages D3.34 – D3.36.

CD-720 Crimping Dies

- Color-coded for easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection except CD-720PV8-2



- Part number permanently marked on crimping die for easy identification
- Provides 5-sided crimp results in terminations with premium electrical and mechanical performance

Part Number	Used to Install Panduit Compression Lug and Splice Sizes				Std. Pkg. Qty.
	Copper Conductor Size	Copper Die Color and Die No.	Aluminum Conductor Size	Aluminum Die Color and Die No.	
CD-720-1	#8 – #2 AWG	Red P21, Blue P24, Gray P29, Brown P33	#6 AWG	Gray P29	1
CD-720-2	#1 – 3/0 AWG	Green P37, Pink P42, Black P45, Orange P50	#4 – 1/0 AWG	Green P37, Pink P42, Gold P45, Tan P50	1
CD-720-3	4/0 AWG – 250 kcmil	Purple P54, Yellow P62	2/0 – 3/0 AWG	Olive P54, Ruby P62	1
CD-720-4	300 kcmil	White P66	4/0 AWG	White P66	1
CD-720-5	350 kcmil	Red P71	250 kcmil	Red P71	1
CD-720-6	400 kcmil	Blue P76	300 kcmil	Blue P76	1
CD-720-7	500 kcmil	Brown P87	350 kcmil	Brown P87	1
CD-720PV8-2	#8 – #2 AWG, vinyl insulated Pan-Term® Terminals	Red, Blue, Yellow	—	—	1

See pages D3.34 – D3.36 for connector and tool selection information.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

Die Type, Manual, Crimping Tool and Die Kits

B1. Cable Ties

- Available with or without controlled cycle feature to meet specific applications

- Kits available with three or full set of seven dies for crimping partial or full range of connector sizes

B2. Cable Accessories



B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

Part Number	Part Description	Std. Pkg. Qty.
CT-720-7	Basic tool kit with seven dies. Includes: <ul style="list-style-type: none"> • Seven dies (CD-720-1 through CD-720-7) for installing #8 AWG – 500 kcmil copper compression connectors • Carrying/storage case (C-720) 	1
CT-720-7CC	Controlled cycle tool kit with seven dies. Controlled cycle mechanism factory installed on crimping tool. Includes: <ul style="list-style-type: none"> • Seven dies (CD-720-1 through CD-720-7) for installing #8 AWG – 500 kcmil copper compression connectors • Carrying/storage case (C-720) 	1
CT-720-3	Basic tool kit with three dies. Includes: <ul style="list-style-type: none"> • Three dies (CD-720-1 through CD-720-3) for installing #8 AWG – 250 kcmil copper compression connectors • Carrying/storage case (C-720) 	1
CT-720-3CC	Controlled cycle tool kit with three dies. Controlled cycle mechanism factory installed on crimping tool. Includes: <ul style="list-style-type: none"> • Three dies (CD-720-1 through CD-720-3) for installing #8 AWG – 250 kcmil copper compression connectors • Carrying/storage case (C-720) 	1

D1. Terminals

Cable Stripping Tool for Large Cable Sizes

D2. Power Connectors

D3. Grounding Connectors

- Provides safe and easy stripping of cable insulation for cables 3/16" to 1 9/16" diameter
- Cutting blade provides circular, spiral, and in-line insulation cutting
- Spiral cut mode, tough/hard insulations peel off easily
- In-line cut mode for use with softer insulation like neoprene
- Unique blade profile for long life, low friction stripping of difficult insulations like rubber and silicon
- Cutting blade easily adjusts to proper height to cut insulation without nicking conductor strands
- Ergonomic shape for safe comfortable use
- Compact design
- Easy-fit replacement blade, one spare blade included with tool



Part Number	Wire Range (O.D.)	Part Description	Std. Pkg. Qty.
CST114-157	0.18" – 1.57"	Cable stripping tool for stripping insulation from cables 3/16" to 1 9/16" diameter. Includes replacement cutting blade. Warranty: 90 days	1
CST114-157B	—	Blade replacement kit for CST114-157 cable stripping tool.	1

E1. Labeling Systems

E2. Labels

Wire and Cable Stripping Tools

E3. Pre-Printed & Write-On Markers

- Strips and cuts #20 – #10 AWG wire
- Lightweight and durable for comfortable long use
- Rust resistant coating included to improve durability of tool

E4. Permanent Identification



CST101

E5. Lockout/Tagout & Safety Solutions



CST115

Part Number	Wire Range (O.D.)	Part Description	Std. Pkg. Qty.
CST101	#20 – #10 AWG	V notch wire stripper.	1
CST115	#20 – #10 AWG	Plier nose wire stripper.	1



Cable Cutting Tools

- Designed with optimal force transmission ratio and stepwise cutting to allow for one-hand operation
- Ergonomically formed, soft handle grips provide easy operation without fatigue

- All parts made of high-tempered special steel; blades and stressed parts are specially tempered or hardened for long term durability
- Not for use with steel and ASCR cable



CCT-500



CCT-320

Part Number	Part Description	Std. Pkg. Qty.
CCT-500	Ratchet cable cutting tool cuts both copper and aluminum solid code and stranded flex cables (AL & CU cable to 1000MCM) up to 2 - 1/32" (52mm) diameter. Approximate dimensions 14" (356mm) x 5-1/2" (140mm) x 1" (25.4mm). Tool weight 29.6 oz. (840 g). Warranty: 1 year.	1
CCT-320	Ratchet cable cutting tool cuts both copper and aluminum solid code cables (AL cable to 600MCM and CU cable to 500MCM) from 1/4" (6mm) to 1" (25mm) and stranded flex cables from 1/4" (6mm) to 1-1/4" (32mm) diameter. Approximate dimensions 10" (254mm) x 3-3/4" (95mm) x 1" (25.4mm). Tool weight 21 oz. (600 g) Warranty: 1 year.	1

Die Type, Manual Hydraulic, 14 Ton, Crimping Tool

- Develops 14 tons of crimping force, crimps copper compression lugs and splices up to 750 kcmil
- Two-stage rapid advance hydraulic system minimizes number of pumps required to complete a crimp, saves time
- High quality, durable tool construction provides long-term dependability
- Cushioned grip prevents hands from slipping on tool, reduces fatigue
- Provides UL Listed and CSA Certified connections on Panduit® Pan-Lug™ Copper and Aluminum Lugs and Splices and Copper Taps

- Open "C-Head" design allows easy loading of crimping dies and connectors, saves time
- Uses color-coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels to provide post crimp inspection
- Dies installed using spring loaded die retention pins, no need for tools
- Rubber boot on crimp head provides abrasion protection
- Audible "pop-off" valve indicates crimp completion
- Crimp head rotates 180 degrees, provides versatility for use in restricted spaces



Part Number	Part Description	Std. Pkg. Qty.
CT-930	<p>Terminates Panduit® Pan-Lug™ Compression Connectors:</p> <ul style="list-style-type: none"> • Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor • Copper compression lugs and splices for #8 AWG – 600 kcmil flex conductor • StructuredGround™ Direct Burial Compression Grounding System Connectors for #6 AWG – 250 kcmil code conductor and select 500 kcmil conductor combinations • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor • Panduit® Pan-Term® Tubular Terminals for #8 AWG – 250 kcmil code conductor <p>Specifications: Output: 14 tons Jaw opening: 1.65" Weight: 16.5 lbs. Length: 25" Handle span: 17 1/2" (open), 6" (closed) Warranty: 5 years</p> <p>CT-930 includes: • Tool • Plastic tool case with die storage</p>	1

Uses CD-920 and CD-930 color-coded crimping dies. Dies must be purchased separately, see page D3.50. CG-920 crimp force measurement gauge available, sold separately see page D3.55.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

NEW! Die Type, Lithium-Ion Powered Hydraulic, 6 Ton, In-Line Crimping Tool

- Lithium-ion battery powered, provides fingertip operation and up to 90% more crimps per battery charge than tools powered with NiCd or NiMH batteries
- Batteries incorporate LED fuel gage so battery charge level can be checked to allow for continuous operation
- In-line tool design with low profile, 180° rotating, enclosed crimp head design for reaching into tight spaces
- Approximately 2.9 second crimp cycle time provides quick terminations, 26% faster than tools with NiCd or NiMH batteries
- Lightweight and ergonomically balanced for easy operation without fatigue, weighs 7.15 lbs. with battery
- Battery charger charges expended batteries completely in 30-60 minutes
- Self-contained unit, completely portable
- Compatible with CD-2001 and CDM-2001 color-coded crimping dies to provide easy matching of crimping die to connector
- Develops 6 tons of crimping force, up to 389 crimps per battery charge using Panduit 500 kcmil copper lugs and splices
- Embosses die index number on connector barrels to provide post crimp inspection
- Provides UL Listed and CSA Certified connections on Panduit copper lugs, splices and taps
- Dies installed using spring loaded die retention pins, no need for tools
- Audible “pop-off” valve indicates crimp completion
- Tool provided with two, Milwaukee® M18™ XC high capacity lithium-ion 18VDC rechargeable batteries, battery charger, wrist strap and tool bag



CT-3001 and CT-3001/E



FREE! Heavy-Duty Soft Sided Tool Bag Included



PTB-HO (sold separately)



Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
CT-3001	120 VAC	Terminates Panduit Compression Connectors: <ul style="list-style-type: none"> • Copper compression lugs and splices for #8 AWG – 500 kcmil code conductor • Copper compression lugs for #8 AWG – 373 kcmil flex conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – #2 AWG code conductor • Copper compression S Series Pan-Term® Tubular Terminals for #8 AWG – 250 kcmil code conductor • Copper compression lugs and splices for 10mm² – 240mm² class 2R conductor Specifications: Output: 6 tons (54 Kn) Jaw opening: 1.8" (45.7mm) Weight: 7.15 lbs. (3.2 kg) with battery Length: 19.5" (495.3mm), Height: 4.5" (114.3mm), Width: 2.88" (73mm) Warranty: 3 years on tool, 5 years on batteries and charger	1
CT-3001/E	230 VAC	Specifications: Output: 6 tons (54 Kn) Jaw opening: 1.8" (45.7mm) Weight: 7.15 lbs. (3.2 kg) with battery Length: 19.5" (495.3mm), Height: 4.5" (114.3mm), Width: 2.88" (73mm) Warranty: 3 years on tool, 5 years on batteries and charger	1
PTB-HO	—	Streamlined holster for CT-3001 Series tools. Can be secured to installer's tool belt or ladder/fixture with quick connect hooks provided.	1

Compatible with CD-2001 and CDM-2001 crimping dies, sold separately, see page D3.42.

*Tool bag also sold separately, see part number PTB-GP on page D3.55.



Die Type, Lithium-Ion Powered Hydraulic, 6 Ton, Crimping Tool with Open “C-Head”

- Lithium-Ion battery powered, provides fingertip operation and up to 120% more crimps per battery charge than tools powered with NiCd or NiMH batteries
- Pistol grip tool design with low profile, open “C-Head” provides easy loading of crimping dies and rotates 180°, for reaching into tight spaces
- Lightweight and ergonomically balanced for easy operation without fatigue, weighs 11.75 lbs. with battery
- Self-contained unit, completely portable
- Develops 6 tons of crimping force, crimps copper compression lugs and splices up to 500 kcmil, up to 260 crimps per battery charge using Panduit 500 kcmil copper lugs and splices
- Provides UL Listed and CSA Certified connections on Panduit copper lugs, splices, and taps
- Audible “pop-off” valve indicates crimp completion
- Tool provided with two, Milwaukee® M18™ XC high capacity lithium-ion 18VDC rechargeable batteries, battery charger, shoulder strap, and tool bag
- Batteries incorporate LED fuel gage so battery charge level can be checked to allow for continuous operation
- Approximately 3.1 second crimp cycle time provides quick terminations, 18% faster than tools using NiCd or NiMH batteries
- Battery charger charges expended batteries completely in 30-60 minutes
- Compatible with CD-2001 and CDM-2001 color-coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels to provide post crimp inspection
- Dies installed using spring loaded die retention pins, no need for tools



FREE! Heavy-Duty Soft Sided Tool Bag Included

Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
CT-2002/L	120 VAC	<p>Terminates Panduit Compression Connectors:</p> <ul style="list-style-type: none"> • Copper compression lugs and splices for #8 AWG – 500 kcmil code conductor • Copper compression lugs for #8 AWG – 373 kcmil flex conductor • Copper compression S Series, Pan-Term™ Tubular Terminals for #8 – 250 kcmil code conductor • Copper compression lugs and splices for 10mm² – 240mm² class 2R conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – #2 AWG code conductor <p>Specifications: Output: 6 tons (54 Kn) Jaw opening: .95" (24.1mm) Weight: 11.75 lbs. (5.3 kg) with battery Length: 13.5" (334mm), Height: 15" (381mm), Width: 3" (76.2mm) Warranty: 5 years on tool, batteries and charger</p> <p>CT-2002/L includes:</p> <ul style="list-style-type: none"> • Two Milwaukee® M18™ XC high capacity lithium-ion 18VDC rechargeable batteries • One Milwaukee® battery charger • One shoulder strap • Heavy-duty bag with storage for tools, batteries, charger, and crimping dies; includes 58 pockets and a shoulder strap for added convenience; 18"L x 7"W x 14"H* • Tool incorporates D3 die pocket 	1

Compatible with CD-2001 and CDM-2001 crimping dies, sold separately, see page D3.42.

*Tool bag also sold separately, see part number PTB-GP on page D3.55.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

CD-2001 Crimping Dies

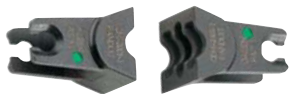
- Color-coded to provide easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection
- Part number permanently marked on crimping die for easy identification
- Provide circumferential crimp results in terminations with premium electrical and mechanical performance



CD-2001

Part Number	Used to Install Panduit Compression Lug and Splice Sizes				Std. Pkg. Qty.
	Copper Die Color and Die No.	Copper Code Conductor Size	Copper Code and Flex Conductor Size for LCAX, LCBX, LCDX, LCCX	Copper Metric Class 2R Conductor Size	
CD-2001-8	Red P21	#8 AWG	#8 AWG	10mm ²	1
CD-2001-6	Blue P24	#6 AWG	#6 AWG	16mm ²	1
CD-2001-4	Gray P29	#4 AWG STR #3 AWG STR #2 AWG SOL	#4 AWG #5, #4, #3 AWG DLO flex	25mm ² 35mm ²	1
CD-2001-2	Brown P33	#2 AWG	#2 AWG	—	1
CD-2001-1	Green P37	#1 AWG	#1 AWG	50mm ²	1
CD-2001-1/0	Pink P42	1/0 AWG	1/0 AWG	—	1
CD-2001-2/0	Black P45	2/0 AWG	2/0 AWG	70mm ²	1
CD-2001-3/0	Orange P50	3/0 AWG	3/0 AWG	—	1
CD-2001-4/0	Purple P54	4/0 AWG	4/0 AWG	95mm ²	1
CD-2001-250	Yellow P62	250 kcmil	250 kcmil flex 262 kcmil flex	120mm ²	1
CD-2001-300	White P66	300 kcmil	—	150mm ²	1
CD-2001-350	Red P71	350 kcmil	300 kcmil flex 313 kcmil flex	—	1
CD-2001-400	Blue P76	400 kcmil	350 kcmil flex 373 kcmil flex	185mm ²	1
CD-2001-500	Brown P87	500 kcmil	—	240mm ²	1

Part Number	Used to Install Panduit Tap Part Numbers			Std. Pkg. Qty.
	Copper Die Color and Die No.	Copper Tap	No. of Crimps	
CD-2001-8	Red P21	CTAPF10-16-C	1	1
CD-2001-6	Blue P24	CTAPF8-12-C	1	1
CD-2001-4	Gray P29	CTAPF6-12-C	1	1
CD-2001-2	Brown P33	CTAPF4-12-C	2	1
CD-2001-1	Green P37	CTAPF3-12-C	2	1
CD-2001-1/0	Pink P42	CTAPF2-12-C	2	1
CD-2001-2/0	Black P45	CTAPF1-12-C	3	1
CD-2001-3/0	Orange P50	CTAPF1/0-12-L	3	1
CD-2001-4/0	Purple P54	CTAPF2/0-12-Q	3	1
CD-2001-250	Yellow P62	CTAPF3/0-12-Q	3	1
CD-2001-BG	PBG	CTAP4-8-L	1	1
	PBG	CTAP4-6-L	1	
	PBG	CTAP4-4-L	1	
CD-2001-C	P-C	CTAP2-4-Q	2	1
	P-C	CTAP2-2-X	2	



CDM-2001

Multi-Crimp Dies – Multiple Crimps in One Tool Cycle

CDM-2001-2	Brown P33M	CTAPF4-12-C	1	1
CDM-2001-1	Green P37M	CTAPF3-12-C	1	1
CDM-2001-1/0	Pink P42M	CTAPF2-12-C	1	1
CDM-2001-2/0	Black P45M	CTAPF1-12-C	2	1
CDM-2001-3/0	Orange P50M	CTAPF1/0-12-L	2	1



Die Type, Lithium-Ion Powered Hydraulic, 14 Ton, Crimping Tool

- Lithium-Ion battery powered, provides fingertip operation and up to 63% more crimps per battery charge than tools powered with NiCd or NiMH batteries
- Pistol grip tool design with open "C-Head" provides easy loading of crimping dies and rotates 180°, for reaching into tight spaces
- Ergonomically balanced for easy operation without fatigue, weighs 17.9 lbs. with battery
- Self-contained unit, completely portable
- Develops 14 tons of crimping force, crimps copper compression lugs and splices up to 750 kcmil, up to 78 crimps per battery charge using Panduit 500 kcmil copper lugs and splices
- Provides UL Listed and CSA Certified connections on Panduit copper and aluminum lugs and splices and copper taps
- Audible "pop-off" valve indicates crimp completion or Ram automatically retracts when crimp cycle is complete
- Tool provided with two, Milwaukee® M18™ XC high capacity lithium-ion 18VDC rechargeable batteries, battery charger, shoulder strap, and tool bag
- Batteries incorporate LED fuel gage so battery charge level can be checked to allow for continuous operation
- Approximately 9.6 second crimp cycle time provides quick terminations, 30% faster than tools using NiCd or NiMH batteries
- Battery charger charges expended batteries completely in 30-60 minutes
- Compatible with CD-920, CDM-920, and CD-930 color-coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels to provide post crimp inspection
- Dies installed using spring loaded die retention pins, no need for tools



CT-2930/L and CT-2930/LE



FREE! Heavy-Duty Soft Sided Tool Bag Included



Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
CT-2930/L	120 VAC	Terminates Panduit compression connectors: <ul style="list-style-type: none"> • Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor • Copper compression lugs for #8 AWG – 600 kcmil flex conductor • Copper compression S Series, Pan-Term™ Tubular Terminals for #8 AWG – 250 kcmil code conductor • Copper compression lugs and splices for 10mm² – 400mm² class 2R conductor • StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 250 kcmil code conductor and select 500 kcmil conductor combinations • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14-4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor Specifications: Output: 14 tons (124.5 Kn) Jaw opening: 1.65" (41.9mm) Weight: 17.90 lbs. (8.1 kg) with battery Length: 14.5" (368.3mm), Height: 16.5" (419.1mm), Width: 3.25" (82.6mm) Warranty: 5 years on tool, batteries, and charger	1
CT-2930/LE	230 VAC	Tool includes: <ul style="list-style-type: none"> • Two Milwaukee® M18™ XC high capacity lithium-ion 18VDC rechargeable batteries • One Milwaukee® battery charger • One shoulder strap • Heavy-duty bag with storage for tool, batteries, charger, and crimping dies; includes 58 pockets and a shoulder strap for added convenience; 18"L x 7"W x 14"H* 	1

Compatible with CD-920, CDM-920, and CD-930 crimping dies, sold separately, see page D3.50.

*Tool bag also sold separately, see part number PTB-GP on page D3.55.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



NEW! Die Type, Lithium-Ion Powered Hydraulic, 15 Ton, Crimping Tool

- Lithium-ion battery powered, provides fingertip operation and up to 43% more crimps per battery charge than tools powered with NiCd or NiMH batteries
- Flip-top crimp head allows easy loading of crimping dies and connectors and rotates 180°
- Ergonomically balanced for easy operation without fatigue, weighs 24.4 lbs. with battery
- Self-contained unit, completely portable
- Develops 15 tons of crimping force, crimps copper compression lugs, splices and taps up to 1000 kcmil, up to 63 crimps per battery charge when crimping Panduit 500 kcmil copper lugs
- Provides UL Listed and CSA Certified connections on Panduit copper and aluminum lugs and splices and copper taps
- Audible “pop-off” valve indicates crimp completion
- Tool provided with two, Milwaukee® M18™ XC high capacity lithium-ion 18VDC rechargeable batteries, battery charger, and shoulder strap
- Batteries incorporate LED fuel gage so battery charge level can be checked to allow for continuous operation
- Approximately 8.8 second crimp cycle time provides quick terminations, 27% faster than tools using NiCd or NiMH batteries
- Battery charger charges expended batteries completely in 30-60 minutes
- Compatible with CD-940, CD-920, CDM-920, and CD-930 color-coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels to provide post crimp inspection
- Dies installed using spring loaded die retention pins, no need for tools



CT-2940/L and CT-2940/LE



Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
CT-2940/L	120 VAC	Terminates Panduit Compression Connectors: <ul style="list-style-type: none"> • Copper compression lugs and splices for #8 AWG – 1000 kcmil code conductor • Copper compression lugs for #8 AWG – 777.7 kcmil flex conductor • Copper compression S Series, Pan-Term™ Tubular Terminals for #8 – 250 kcmil code conductor • Copper compression lugs and splices for 10mm² – 630mm² class 2R conductor • StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 500 kcmil code conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 1000 kcmil code conductor 	1
CT-2940/LE	230 VAC	Specifications: Output: 15 tons (136 Kn) Jaw opening: 2" (50.8mm) Weight: 24.35 lbs. (11.0 kg) with battery Length: 22" (558.8mm), Height: 10.75" (273.1mm), Width: 3.75" (95.3mm) Warranty: 5 years on tool, batteries and charger Tool includes: <ul style="list-style-type: none"> • Two Milwaukee® M18™ XC high capacity lithium-ion 18VDC rechargeable batteries • One Milwaukee® battery charger • One shoulder strap • Plastic tool case with storage for tool, batteries, charger, shoulder strap and crimping dies 	1

Compatible with CD-940 crimping dies, sold separately, see page D3.51.

Also works with CD-920, CDM-920, and CD-930 crimping dies, on page D3.50 with CD-940-DA die adapter, sold separately, see page D3.51.

Die Type, Remote Hydraulic, 14 Ton, Crimp Head

- Develops 14 tons of crimping force when used with 10,000 psi hydraulic pump and hose, crimps copper compression lugs and splices up to 750 kcmil
- Incorporates Parker type quick-connect fittings to ease installation and save time
- High quality, durable tool construction provides long-term dependability
- Provides UL Listed and CSA Certified connections on Panduit® Pan-Lug™ Copper and Aluminum Lugs and Splices and Copper Taps
- Open “C-Head” design allows easy loading of crimping dies and connectors, saves time
- Uses color-coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels for post crimp inspection
- Dies installed using spring loaded die retention pins, no need for tools
- Cast in handle allows crimp head to be mounted in a bench vice



Part Number	Part Description	Std. Pkg. Qty.
CT-930CH	<p>Terminates Panduit compression connectors:</p> <ul style="list-style-type: none"> • Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor • Copper compression lugs for #8 AWG – 600 kcmil flex conductor • Copper compression S Series, Pan-Term™ Tubular Terminals for #8 AWG – 250 kcmil code conductor • Copper compression lugs and splices for 10mm² – 400mm² class 2R conductor • StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 250 kcmil code conductor and select 500 kcmil conductor combinations • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14-4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor <p>Use with Panduit CT-901HP hydraulic pump and CT-900HPH 10' hydraulic hose.*</p> <p>Specifications: Output: 14 tons Jaw opening: 1.65" Weight: 11 lbs. Length: 12 1/4" Height: 5" Width: 3" Warranty: 5 years</p> <p>CT-930CH includes:</p> <ul style="list-style-type: none"> • Tool • Steel tool case • Supplied with female Parker type quick-connect fitting assembled to tool 	1

Uses CD-920 and CD-930 color-coded crimping dies. Dies must be purchased separately, see page D3.50.

*CT-901RCH remote control handle available, offering one hand operation of crimp head with Panduit CT-901HP hydraulic pump and CT-900HPH hose, sold separately, see page D3.47. CG-920 crimp force measurement gauge available, sold separately, see page D3.55.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

Die Type, Remote Hydraulic, 15 Ton, Crimp Head

B1. Cable Ties

• Develops 15 tons of crimping force when used with 10,000 psi hydraulic pump and hose, crimps copper compression lugs and splices up to 1,000 kcmil

• Open “C-Head” design allows easy loading of crimping dies and connectors, saves time

B2. Cable Accessories

• Incorporates Parker type quick-connect fittings to ease installation and save time

• Uses color-coded crimping dies to provide easy matching of crimping die to connector

• High quality, durable tool construction provides long-term dependability

• Embosses die index number on connector barrels for post crimp inspection

B3. Stainless Steel Ties

• Provides UL Listed and CSA Certified connections on Panduit® Pan-Lug™ Copper and Aluminum Lugs and Splices and Copper Taps

• Dies installed using spring loaded die retention pins, no need for tools

• Cast in handle allows crimp head to be mounted in a bench vice



Part Number	Part Description	Std. Pkg. Qty.
CT-940CH	<p>Terminates Panduit Compression Connectors:</p> <ul style="list-style-type: none"> • Copper compression lugs and splices for #8 AWG – 1000 kcmil code conductor • Copper compression lugs for #8 AWG – 777.7 kcmil flex conductor • Copper compression S Series, Pan-Term™ Tubular Terminals for #8 – 250 kcmil code conductor • Copper compression lugs and splices for 10mm² – 630mm² class 2R conductor • StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 500 kcmil code conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 1000 kcmil code conductor <p>Use with Panduit CT-901HP hydraulic pump and CT-900HPH 10' hydraulic hose.*</p> <p>Specifications: Output: 15 tons Jaw opening: 2" Weight: 14.5 lbs. Length: 14.5" Height: 4.1" Width: 2.5" Warranty: 5 years</p> <p>CT-940CH includes: • Tool • Steel tool case • Supplied with female Parker type quick-connect fitting assembled to tool</p>	1

Uses CD-920 and CD-930 color-coded crimping dies with CD-940-DA die adapter. Uses color-coded CD-940 crimping dies. Crimping dies and die adapter must be purchased separately, see pages D3.50 and D3.51. CG-940 crimp force measurement gauge available, sold separately, see page D3.55.

*CT-901RCH remote control handle available, offering one hand operation of crimp head with Panduit CT-901HP hydraulic pump and CT-900HPH hose, sold separately, see page D3.47.

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Hydraulic Pump and Accessories, Electric, 10,000 PSI

- Develops 10,000 psi of hydraulic pressure
- Easy to operate using manual switch or remote pendant supplied; or optional CT-901RFS foot switch or CT-901RCH remote controlled handle
- Factory set relief valve, pump stops when crimp is complete
- Convenient 120 VAC operation
- Incorporates Parker type quick-connect fittings to ease installation and save time
- Versatile, can be used with Panduit CT-930CH, CT-940CH, or CT-980CH crimp heads



CT-901HP



CT-900HPH



CT-901RCH



CT-901RFS

Part Number	Part Description	Std. Pkg. Qty.
CT-901HP	<p>Hydraulic pump. Develops 10,000 PSI output. Pump shuts off when cycle is complete. Will not release until down switch is activated. Compatible with CT-900HPH hydraulic hose, CT-930CH, CT-940CH, and CT-980CH crimp heads sold separately.*</p> <p>Specifications: Pump output: 10,000 psi Tank capacity: 2.5L incorporates sight gauge for visual inspection of fluid level Fluid type: Aero Shell #4 or equal Motor: 120 VAC 50/50Hz Current: 6.5 Amps Horsepower: 1/2 hp Weight: 34 lbs. Length: 7" Height: 14" Width: 6" Warranty: 5 years</p> <p>CT-901HP pump includes: • On/off pendant switch on 10' electric cord • Three prong A/C plug on 10' electric cord • Supplied with female Parker type quick-connect fitting assembled to pump</p>	1
CT-900HPH	Electrically non-conductive 10' hose compatible with Panduit CT-901HP hydraulic pump and CT-930CH, CT-940CH, and CT-980CH crimp heads, supplied pre-filled with hydraulic fluid for fast start up. Supplied with two male Parker type quick-connect fittings. Warranty: 5 years.	1
CT-901RCH	Remote control handle provides plastic carrying handle incorporating on/off activation switch that allows operator to hold crimp head and activate CT-901HP hydraulic pump with one hand. Use with Panduit remote hydraulic crimp heads CT-930CH, CT-940CH, and CT-980CH. Equipped with 3/8" Parker type quick-connect coupler for attaching crimp heads to Panduit CT-900HPH hydraulic hose. Includes a 10', three wire control cable that can be directly connected to the CT-901HP pump. Warranty: 5 years.	1
CT-901RFS	Dual electrical foot switch that allows convenient "hands free" operation of the Panduit CT-901HP or CT-8250HP electric hydraulic pumps used with Panduit remote hydraulic crimp heads. Supplied with 10' electric cord that can be directly connected to Panduit hydraulic pumps. Warranty: 5 years.	1

Contact Panduit Customer Service for use in production environments.
 *For information on crimp heads, see pages D3.45, D3.46, and D3.54.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A.
System
Overview

Die Type, Remote Hydraulic, 10.5 Ton, Crimp Head

B1.
Cable Ties

- Low pressure system extends life of crimp head for high volume crimping applications

- Open “C-Head” design allows easy loading of crimping dies and connectors, saves time

B2.
Cable
Accessories

- Develops 10.5 tons of crimping force when used with 7,500 psi hydraulic pump and hose, crimps copper compression lugs and splices up to 250 kcmil
- Incorporates Parker type quick-connect fittings to ease installation and save time

- Uses color-coded crimping dies to provide easy matching of crimping die to connector

B3.
Stainless
Steel Ties

- High quality, durable tool construction and low pressure hydraulic requirements provide long-term dependability and tool life
- Provides UL Listed and CSA Certified connections on Panduit® Pan-Lug™ Copper Lugs and Splices

- Embosses die index number on connector barrels for post crimp inspection

- Dies installed using spring loaded die retention pins, no need for tools

- Cast in handle allows crimp head to be mounted in a bench vice

C1.
Wiring
Duct



C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

Part Number	Part Description	Std. Pkg. Qty.
CT-930LPCH	<p>Remote hydraulic crimp head provides UL Listed or Recognized terminations of Panduit® Pan-Lug™ Copper Compression Lugs and Splices for #8 AWG – 250 kcmil copper code conductor and 10 – 120mm² copper class 2R conductor.</p> <p>Use with Panduit CT-8250HP hydraulic pump and CT-900LPHPH 10' hydraulic hose.*</p> <p>Specifications: Output: 10.5 tons Jaw opening: 1.65" Weight: 11 lbs. Length: 12 1/4" Height: 5" Width: 3" Warranty: 5 years</p> <p>CT-930LPCH includes: • Tool • Steel tool case • Supplied with male Parker type quick-connect fitting assembled to tool</p>	1

Uses CD-920 color-coded crimping dies. Dies must be purchased separately, see page D3.50. PG-1 in-line pressure gauge provides visual measurement of hydraulic output pressure, sold separately, see page D3.55.
 *For information on hydraulic pump and hose, see page D3.49.

Hydraulic Pump and Accessories, Electric, 7,500 PSI

- Develops 7,500 psi of hydraulic pressure
- Easy to operate using manual switch or remote pendant supplied; or optional CT-901RFS foot switch
- Factory set relief valve, pump stops when crimp is complete
- Convenient 120 VAC operation
- Incorporates Parker type quick-connect fittings to ease installation and save time
- Versatile, can be used with Panduit CT-930LPCH or CT-980LPCH crimp heads



CT-8250HP



CT-900LPPH



CT-901RFS

Part Number	Part Description	Std. Pkg. Qty.
CT-8250HP	<p>Hydraulic pump. Develops 7,500 psi output. Pump shuts off when cycle is complete. Will not release until down switch is activated. Compatible with CT-900LPPH hydraulic hose, CT-930LPCH, and CT-980LPCH crimp heads sold separately.*</p> <p>Specifications: Pump output: 7,500 psi Tank capacity: 2.5L incorporates sight gauge for visual inspection of fluid level Fluid type: Aero Shell #4 or equal Motor: 120 VAC 50/50Hz Current: 6.5 Amps Horsepower: 1/2 hp Warranty: 5 years</p> <p>Weight: 34 lbs. Length: 7" Height: 14" Width: 6"</p> <p>CT-8250HP pump includes: • On/off pendant switch on 10' electric cord • Three prong A/C plug on 10' electric cord • Supplied with male Parker type quick-connect fitting assembled to pump</p>	1
CT-900LPPH	Electrically non-conductive 10' hose compatible with Panduit CT-8250HP hydraulic pump and CT-930LPCH and CT-980LPCH crimp heads, supplied pre-filled with hydraulic fluid for fast start up. Supplied with two female Parker type quick-connect fittings. Warranty: 5 years.	1
CT-901RFS	Dual electrical foot switch that allows convenient "hands free" operation of the Panduit CT-901HP or CT-8250HP electric hydraulic pumps used with Panduit remote hydraulic crimp heads. Supplied with 10' electric cord that can be directly connected to Panduit hydraulic pumps. Warranty: 5 years.	1

*For more information on crimp heads, see pages D3.48 and D3.54.

PG-1 in-line pressure gauge provides visual measurement of hydraulic output pressure, sold separately, see page D3.55.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

CD-920 Crimping Dies

B1. Cable Ties

- Color-coded for easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels for post crimp inspection

- Part number permanently marked on crimping die for easy identification
- Provides circumferential crimp results in terminations with premium electrical and mechanical performance

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Used to Install Panduit Compression Lug and Splice Sizes

Part Number	Copper Die Color and Die No.	Copper Code Conductor Size	Copper Code and Flex Conductor Size for LCAX, LCBX LCDX, LCCX	Copper Flex Conductor Size for LCAF, LCCF, SCSF	Copper Metric Class 2R Conductor Size	Aluminum Die Color and Die No.	Aluminum Code Conductor Size	Std. Pkg. Qty.
CD-920-8	Red P21	#8 AWG	#8 AWG	#8 AWG	10mm ²	—	—	1
CD-920-6	Blue P24	#6 AWG	#6 AWG	#6 AWG	16mm ²	—	—	1
CD-920-4	Gray P29	#4 AWG STR #3 AWG STR #2 AWG SOL	#4 AWG #5, #4, #3 AWG DLO flex	#4 AWG	25mm ² 35mm ²	Gray P29	#6 AWG	1
CD-920-2	Brown P33	#2 AWG	#2 AWG	#2 AWG	—	—	—	1
CD-920-1	Green P37	#1 AWG	#1 AWG	—	50mm ²	Green P37	#4 AWG	1
CD-920-1/0	Pink P42	1/0 AWG	1/0 AWG	#1 AWG	—	Pink P42	#2 AWG	1
CD-920-2/0	Black P45	2/0 AWG	2/0 AWG	1/0 AWG	70mm ²	Gold P45	#1 AWG	1
CD-920-3/0	Orange P50	3/0 AWG	3/0 AWG	2/0 AWG	—	Tan P50	1/0 AWG	1
CD-920-4/0	Purple P54	4/0 AWG	4/0 AWG	3/0 AWG	95mm ²	Olive P54	2/0 AWG	1
CD-920-250	Yellow P62	250 kcmil	250 kcmil flex 262 kcmil flex	4/0 AWG	120mm ²	Ruby P62	3/0 AWG	1
CD-920-300	White P66	300 kcmil	—	250 kcmil 262 kcmil	150mm ²	White P66	4/0 AWG	1
CD-920-350	Red P71	350 kcmil	300 kcmil flex 313 kcmil flex	300 kcmil 313 kcmil	—	Red P71	250 kcmil	1
CD-920-400	Blue P76	400 kcmil	350 kcmil flex 373 kcmil flex	350 kcmil 373 kcmil	185mm ²	Blue P76	300 kcmil	1
CD-920-500	Brown P87	500 kcmil	444 kcmil flex 450 kcmil flex	444 kcmil 450 kcmil	240mm ²	Brown P87	350 kcmil	1
CD-920-600	Green P94	600 kcmil	—	—	300mm ²	Green P94	400 kcmil	1
CD-920-500A	Pink P99	500 kcmil	500 kcmil flex 535 kcmil flex 600 kcmil flex	500 kcmil 535 kcmil	—	Pink P99	500 kcmil	1
CD-920-750	Black P106	750 kcmil	—	646 kcmil	400mm ²	Black P106	600 kcmil	1



CD-920



CD-930H



CD-930G

Used to Install Panduit Tap Part Numbers

Part Number	Copper Die Color and Die No.	Copper Tap	No. of Crimps	Std. Pkg. Qty.
CD-920H-6	Orange PH6	HTCT6X-6X-1	1	1
CD-920H-2	Brown PH2	HTCT2-2-1	1	1
CD-930H-250	Purple PH25	HTCT250-2-1, HTCT250-250-1	1	1
CD-920-BG	PBG	CTAP4-8-L, CTAP4-6-L, CTAP4-4-L	1	1
CD-920-C	PC	CTAP2-4-Q, CTAP2-2-X	1	1
CD-920-D3	PD3	CTAP4/0-2-X, CTAP4/0-2/0-X, CTAP4/0-4/0-X	1	1
CD-920-O	PO	CTAP2/0-2-X, CTAP2/0-2/0-X	1	1

Multiple Crimp Dies – Multiple Crimps in One Tool Cycle

CDM-920-2	Brown P33M	CTAPF4-12-C	1	1
CDM-920-1	Green P37M	CTAPF3-12-C	1	1
CDM-920-1/0	Pink P42M	CTAPF2-12-C	1	1
CDM-920-2/0	Black P45M	CTAPF1-12-C	1	1
CDM-920-3/0	Orange P50M	CTAPF1/0-12-L	1	1
CDM-920-4/0	Purple P54M	CTAPF2/0-12-Q	1	1
CDM-920-250	Yellow P62M	CTAPF3/0-12-Q	1	1

Used to Install StructuredGround™ Direct Burial Grounding Connector Part Numbers

Part Number	Copper Die Color and Die No.	Copper Tap	Std. Pkg. Qty.
CD-930G-1/0	Red PG10	GCE1/0-1/0, GCC6X61/0-1/0	1
CD-930G-250	Black PG25	GCE250-1/0, GCE250-250, GCC6X6250-1/0, GCC6X6250-250, GPC4H250-2	1
CD-930G-500	Blue PG50	GCE500-1/0, GCE500-250, GCC6X6500-1/0, GCC6X6500-250	1

CD-940 Crimping Dies

- Color-coded for easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels for post crimp inspection
- Part number permanently marked on crimping die for easy identification
- Provides circumferential crimp results in terminations with premium electrical and mechanical performance

Part Number	Used to Install Panduit Compression Lug and Splice Sizes							Std. Pkg. Qty.
	Copper Die Color and Die No.	Copper Code Conductor Size	Copper Code and Flex Conductor Size for LCAX, LCBX LCDX, LCCX	Copper Flex Conductor Size for LCAF, LCCF, SCSF	Copper Metric Class 2R Conductor Size	Aluminum Die Color and Die No.	Aluminum Code Conductor Size	
CD-940-750	Black P106	750 kcmil	—	646 kcmil	400mm ²	—	—	1
CD-940-800	Orange P107	800 kcmil	—	777 kcmil	—	—	—	1
CD-940-1000	White P125	1000 kcmil	—	—	500mm ² 630mm ²	—	—	1
CD-940-750X	Yellow P115	—	777.7 kcmil flex	—	—	—	—	1
CD-940-750A	—	—	—	—	—	Red P125	750 kcmil	1
CD-940-800A	—	—	—	—	—	Gray P140	800 kcmil	1
CD-940-1000A	—	—	—	—	—	Brown P161	1000 kcmil	1



CD-940



CD-940-DA

Part Number	Part Description	Std. Pkg. Qty.
CD-940-DA	Die adapter for use with Panduit CT-940CH and CT-2940 crimping tools required for installation of Panduit CD-920, CDM-920, and CD-930 crimping dies in these tools.	1

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A.
System
Overview

Uni-Die™ Dieless, Manual Hydraulic, 6.2 Ton, Crimping Tool

B1.
Cable Ties

- Dieless crimping tool design eliminates purchase or lost crimping dies, saves cost

- Provides UL Listed and CSA Certified connections on Panduit® Pan-Lug™ Copper Lugs and Splices

B2.
Cable
Accessories

- Develops 6.2 tons of crimping force with four point indenter system, crimps copper compression lugs and splices up to 750 kcmil

- Provides UL Listed and CSA Certified wire range-taking capability on Panduit® Pan-Lug™ Copper Lugs and Splices, minimizes connector inventory and saves cost

B3.
Stainless
Steel Ties

- Two-stage rapid advance hydraulic system minimizes number of pumps required to complete a crimp

- Flip-top crimp head design allows easy loading of connectors, saves time

- High quality, durable tool construction provides long-term dependability

- Audible “pop-off” valve indicates crimp completion

- Cushioned grips prevent hands from slipping on tool, reduces fatigue

- Crimp head rotates 360 degrees, provides versatility for use in restricted spaces

C1.
Wiring
Duct

- Incorporates aluminum crimp head and fiberglass handles, results in lightweight tool and ease of operation

C2.
Surface
Raceway



C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

Part Number	Part Description	Std. Pkg. Qty.
CT-980	<p>Manual hydraulic Uni-Die™ Dieless Crimping Tool provides UL Listed or Recognized and CSA Certified terminations of Panduit® Pan-Lug™ Copper Compression Lugs and Splices for #4 AWG – 750 kcmil copper code conductor.</p> <p>Specifications: Output: 6.2 tons Jaw opening: 1.46" Weight: 10.5 lbs. Length: 13" Height: 12" Width: 3" Handle span: 15" (open), 5.75" (closed) Warranty: 5 years</p> <p>CT-980 includes: • Tool • Plastic tool case</p>	1

CG-980 pressure gauge for measuring tool output force available, sold separately, see page D3.55.



Uni-Die™ Dieless, Lithium-Ion Powered Hydraulic, 6.2 Ton, Crimping Tool

- Lithium-Ion battery powered, provides fingertip operation and up to 135% more crimps per battery charge than tools powered with NiCd or NiMH batteries
- Dieless crimping tool design eliminates the cost of crimping dies
- Provides wire range-taking capability with Panduit copper compression connectors, allows use of a minimum of lug sizes to crimp a wide range of wire sizes
- Aluminum alloy flip-top crimp head allows easy loading of connectors and rotates 360°
- Ergonomically balanced and lightweight for easy operation without fatigue, weighs 11.75 lbs. with battery
- Self-contained unit, completely portable
- Develops 6.2 tons of crimping force, crimps copper compression lugs and splices up to 750 kcmil, up to 183 crimps per battery charge when crimping Panduit 500 kcmil copper lugs

- Provides UL Listed and CSA Certified connections on Panduit copper lugs and splices
- Audible “pop-off” valve indicates crimp completion
- Tool provided with two, Milwaukee® M18™ XC high capacity lithium-ion 18VDC rechargeable batteries, battery charger, shoulder strap, and tool bag
- Batteries incorporate LED fuel gage so battery charge level can be checked to allow for continuous operation
- Approximately 3.5 second crimp cycle time provides quick terminations, 25% faster than tools using NiCd or NiMH batteries
- Battery charger charges expended batteries completely in 30-60 minutes



CT-2980/L and CT-2980/LE



FREE! Heavy-Duty Soft Sided Tool Bag Included



Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
CT-2980/L	120 VAC	<p>Terminates Panduit Compression Connectors:</p> <ul style="list-style-type: none"> • Copper compression lugs and splices for #4 AWG – 750 kcmil code conductor <p>Specifications: Output: 6.2 tons (56 Kn) Jaw opening: 1.50" (38.1mm) Weight: 11.75 lbs. (8.3 kg) with battery Length: 14.75" (374.7mm), Height: 15" (381mm), Width: 3" (76.2mm) Warranty: 5 years on tool, batteries and charger</p> <p>Tool includes:</p> <ul style="list-style-type: none"> • Two Milwaukee® M18™ XC high capacity lithium-ion 18VDC rechargeable batteries • One Milwaukee battery charger • One shoulder strap • Heavy-duty bag with storage for tool, batteries, and charger; includes 58 pockets and a shoulder strap for added convenience; 18"L x 7"W x 14"H* 	1
CT-2980/LE	230 VAC		1

*Tool bag also sold separately, see part number PTB-GP on page D3.55.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

Uni-Die™ Dieless, Remote Hydraulic, 6.2 Ton, Crimp Head

B1. Cable Ties

• Dieless crimping tool design eliminates purchase or lost crimping dies, saves cost

• Provides UL Listed and CSA Certified connections on Panduit® Pan-Lug™ Copper Lugs and Splices

B2. Cable Accessories

• Develops 6.2 tons of crimping force when used with 10,000 psi hydraulic pump and hose, crimps copper compression lugs and splices up to 750 kcmil

• Provides UL Listed and CSA Certified wire range-taking capability on Panduit® Pan-Lug™ Copper Lugs and Splices, minimizes connector inventory and saves cost

B3. Stainless Steel Ties

• Incorporates Parker type quick-connect fittings to ease installation and save time

• Flip-top crimp head design allows easy loading of splices, saves time

C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

Part Number	Part Description	Std. Pkg. Qty.
CT-980CH	<p>Remote hydraulic Uni-Die™ dieless crimp head provides UL Listed or Recognized and CSA Certified terminations of Panduit® Pan-Lug™ Copper Compression Lugs and Splices for #4 AWG – 750 kcmil copper code conductor.</p> <p>Use with Panduit CT-901HP hydraulic pump and CT-900HPH 10' hydraulic hose.*</p> <p>Specifications: Output: 6.2 tons Jaw opening: 1.46" Weight: 6.5 lbs. Length: 10.5" Height: 5.3" Width: 2.5" Warranty: 5 years</p> <p>CT-980CH includes: • Tool • Steel tool case • Supplied with female Parker type quick-connect fitting assembled to tool</p>	1

*CT-901RCH remote control handle available, offering one hand operation of crimp head with Panduit CT-901HP hydraulic pump and CT-900HPH hose, sold separately, see page D3.47. CG-980 crimp force measurement gauge available, sold separately, see page D3.55.

D1. Terminals

Uni-Die™ Dieless, Remote Hydraulic, 4.7 Ton, Crimp Head

D2. Power Connectors

• Low pressure system extends life of crimp head for high volume crimping application

• Incorporates Parker type quick-connect fittings to ease installation and save time

D3. Grounding Connectors

• Dieless crimping tool design eliminates purchase or lost crimping dies, saves cost

• Provides UL Listed and CSA Certified connections on Panduit® Pan-Lug™ Copper Lugs and Splices

• Develops 4.7 tons of crimping force when used with 7,500 psi hydraulic pump and hose, crimps copper compression lugs and splices up to 250 kcmil

• Flip-top crimp head design allows easy loading of splices, saves time

E1. Labeling Systems



E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

Part Number	Part Description	Std. Pkg. Qty.
CT-980LPCH	<p>Remote hydraulic crimp head provides UL Listed or Recognized and CSA Certified terminations of Panduit® Pan-Lug™ Copper Compression Lugs and Splices for #4 AWG – 250 kcmil code conductor.</p> <p>Use with Panduit CT-8250HP hydraulic pump and CT-900LPHPH 10' hydraulic hose.*</p> <p>Specifications: Output: 4.7 tons Weight: 6.5 lbs. Length: 10.5" with coupler Height: 5.3" Width: 2.5" Warranty: 5 years</p> <p>CT-980LPCH includes: • Tool • Steel tool case • Supplied with male Parker type quick-connect fitting assembled to tool</p>	1

PG-1SC in-line pressure gauge provides visual measurement of hydraulic output pressure, sold separately, see page D3.55.

*For information on hydraulic pump and hose, see page D3.49.

F. Index

Pressure Gauges

- Provide easy visual reading of output force for hydraulic crimping tools
- Factory calibrated to provide accuracy and quality assurance control of crimping tools in the field
- Easy-to-read crimp force tolerance zone for applicable tools marked on gauge
- Blank dies for fixture supplied with test gauge for easy mounting and operation of gauge with crimping tool



CG-920



CG-940



CG-980



PG-1

Part Number	Part Description	Std. Pkg. Qty.
CG-920	Compression gauge – used to measure crimping force generated by Panduit crimping tools: CT-930, CT-930CH, CT-930LPCH, and CT-2930/L. CG-920 includes: • Pressure gauge • Blank die set • Steel storage case • Warranty: 90 days	1
CG-940	Compression gauge – used to measure output force generated by Panduit crimping tools: CT-940CH and CT-2940/L. CG-940 includes: • Pressure gauge • Blank die set • Steel storage case • Warranty: 90 days	1
CG-980	Compression gauge – used to insure proper compression force for Uni-Die™ Dieless Crimping Tools: CT-980, CT-980CH, and CT-2980/L. CG-980 includes: • Pressure gauge • Fixture for mounting gauge in crimping tool • Steel storage case • Warranty: 90 days	1
PG-1	In-line pressure gauge provides visual identification of hydraulic output pressure when used with Panduit CT-930CH, CT-940CH, and CT-980CH crimp heads, CT-901HP pump and CT-900HPH hose. Includes steel storage case. Warranty: 90 days	1
PG-1SC	In-line pressure gauge provides visual identification of hydraulic output pressure when used with Panduit CT-930LPCH and CT-980LPCH crimp heads, CT-8250HP pump and CT-900LPHPH hose. Includes steel storage case. Warranty: 90 days	1

Accessories for Battery-Powered Hydraulic Crimping Tools



PTB-GP



CT-LIBCKIT



CT-LIBA



Part Number	Part Description	Std. Pkg. Qty.
PTB-GP	Heavy-duty bag for crimping tools and accessories. Includes 58 pockets and a shoulder strap for added convenience. 18"L x 7"W x 14"H.	1
CT-LIBCKIT	Kit to convert Panduit CT-2001, CT-2002, CT-2930, CT-2940 and CT-2980 NiCd battery powered crimping tools to lithium-ion powered. Kit includes one Panduit CT-LIBA battery adapter, two Milwaukee® M18™ XC high capacity lithium-ion 18VDC rechargeable batteries, and one 120 VAC Milwaukee® battery charger.	1
CT-LIBCKIT/E	Kit to convert Panduit CT-2001, CT-2002, CT-2930, CT-2940 and CT-2980 NiCd battery powered crimping tools to lithium-ion powered. Kit includes one Panduit CT-LIBA battery adapter, two Milwaukee® M18™ XC high capacity lithium-ion 18VDC rechargeable batteries, and one 230 VAC Milwaukee® battery charger.	1
CT-LIBA	Lithium-ion battery adapter to convert Panduit CT-2001, CT-2002, CT-2930, CT-2940 and CT-2980 NiCd tools to Milwaukee® M18™ XC high capacity lithium-ion batteries (48-11-1828).	1

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

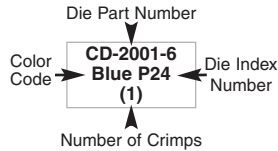
A. System Overview
 B1. Cable Ties
 B2. Cable Accessories
 B3. Stainless Steel Ties
 C1. Wiring Duct
 C2. Surface Raceway
 C3. Abrasion Protection
 C4. Cable Management
 D1. Terminals
 D2. Power Connectors
 D3. Grounding Connectors
 E1. Labeling Systems
 E2. Labels
 E3. Pre-Printed & Write-On Markers
 E4. Permanent Identification
 E5. Lockout/Tagout & Safety Solutions
 F. Index

For use with Copper Conductors

Installation Tooling and Die Selections for: Types LCAS and SCSS

How to read this chart

For LCA6 lug and CT-2001 crimping tool:



Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)

Thomas & Betts

Panduit Part Number	Std. Wire Size	Wire Strip Length (In.)	Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)					Thomas & Betts			
			CT-1700 ^①	CT-720	CT-920, CT-920CH, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-930LPCH, CT-2931, CT-2940 ^③ , CT-2940/L ^③ , CT-2940/LE ^③ , CT-2920, CT-940CH ^③	Uni-Die™ CT-980, CT-2980, CT-2980/L, CT-2980/LE, CT-980CH, CT-2981, CT-980LPCH, CT-2950	CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E,	TBM20S, TBM25S	TBM5	TBM6, TBM6S, TBM8, 25000	
L=Lug S=Splice			Die Part Number/Color Code and Die Index Number/(Number Of Crimps)								
LCAS8	#8 AWG	1/2	Red P21 (2)	CD-720-1 Red P21 (1)	CD-920-8 Red P21 (1)	—	CD-2001-8 Red P21 (1)	Red 21 (2)	Red 21 (1)	Red 21 (1)	
SCSS8		7/16									
LCAS6	#6 AWG	9/16	Blue P24 (2)	CD-720-1 Blue P24 (1)	CD-920-6 Blue P24 (1)	—	CD-2001-6 Blue P24 (1)	Blue 24 (2)	Blue 24 (1)	Blue 24 (1)	
SCSS6		7/16									
LCAS4	#4 AWG	5/8	Gray P29 (2)	CD-720-1 Gray P29 (1)	CD-920-4 Gray P29 (1)	(1)	CD-2001-4 Gray P29 (1)	Gray 29 (2)	Gray 29 (2)	Gray 29 (2)	
SCSS4		7/16									
LCAS2	#2 AWG	5/8	Brown P33 (2)	CD-720-1 Brown P33 (1)	CD-920-2 Brown P33 (1)	(1)	CD-2001-2 Brown P33 (1)	Brown 33 (2)	Brown 33 (2)	Brown 33 (2)	
SCSS2		9/16									
LCAS1	#1 AWG	11/16	Green P37 (3)	CD-720-2 Green P37 (1)	CD-920-1 Green P37 (1)	(1)	CD-2001-1 Green P37 (1)	—	Green 37 (1)	Green 37 (1)	
SCSS1											
LCAS1/0	1/0 AWG	3/4	—	CD-720-2 Pink P42 (1)	CD-920-1/0 Pink P42 (1)	(1)	CD-2001-1/0 Pink P42 (1)	—	Pink 42 (1)	Pink 42 (1)	
SCSS1/0		11/16									
LCAS2/0	2/0 AWG	3/4	—	CD-720-2 Black P45 (2)	CD-920-2/0 Black P45 (1)	(1)	CD-2001-2/0 Black P45 (2)	—	Black 45 (2)	Black 45 (2)	
SCSS2/0											
LCAS3/0	3/0 AWG	7/8	—	CD-720-2 Orange P50 (2)	CD-920-3/0 Orange P50 (1)	(1)	CD-2001-3/0 Orange P50 (2)	—	Orange 50 (2)	Orange 50 (2)	
SCSS3/0		3/4									
LCAS4/0	4/0 AWG	1	—	CD-720-3 Purple P54 (2)	CD-920-4/0 Purple P54 (1)	(1)	CD-2001-4/0 Purple P54 (2)	—	Purple 54 (2)	Purple 54 (2)	
SCSS4/0		13/16									
LCAS250	250 kcmil	1-1/8	—	CD-720-3 Yellow P62 (2)	CD-920-250 Yellow P62 (1)	(1)	CD-2001-250 Yellow P62 (2)	—	Yellow 62 (2)	Yellow 62 (2)	
SCSS250		1-1/16									

①The CT-1700 crimp die pockets are integrated into the tool frame.
 ③CD-920 dies can be used with CT-940CH and CT-2940 tools with the CD-940-DA adapter.

For use with
Copper
Conductors

Installation Tooling and Die Selections for: Types LCAS and SCSS (continued)

Thomas & Betts				Burndy				Anderson	Penn-Union	Greenlee
TBM12, 13642M	TBM15, TBM15I, TBM15BSCR	TBM8-750M-I, TBM8-750, TBM8-750BSCR, TBM750BSCR ^④	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	Y2MR, Y1MRTC, Y1MR	MY29	Y35, Y35BH, Y39, Y39BH, Y45, Y46, Y750, Y750-2, Y750BH, Y750BH-2, Y750HS, PAT750, BAT750, BAT35	Y644M, Y644HS, Y644MBH, PAT644, BAT644	VC6	TDY-1	1989
Die Part Number/Color Code and Die Index Number/(Number of Crimps)										
Red 21 (1)	Red 21 (1)	STD (1)	Red 21 (1)	Red (2)	#8 (1)	U8CRT Red 49 (1)	—	—	—	—
Blue 24 (1)	Blue 24 (1)	STD (1)	Blue 24 (1)	Blue (2)	#6 (1)	U5CRT Blue 7 (1)	STD (1)	STD (1)	—	—
Gray 29 (1)	Gray 29 (1)	STD (1)	Gray 29 (1)	Gray (2)	#4 (1)	U4CRT Gray 8 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Brown 33 (1)	Brown 33 (1)	STD (1)	Brown 33 (1)	Brown (2)	#2 (1)	U2CRT Brown 10 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Green 37 (1)	Green 37 (1)	STD (1)	Green 37 (1)	—	#1 (1)	U1CRT Green 11 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Pink 42 (1)	Pink 42H ^② (2)	STD (1)	Pink 42H ^② (2)	—	1/0 (1)	U25RT Pink 12 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Black 45 (1)	Black 45 (1)	STD (1)	Black 45 (1)	—	2/0 (1)	U26RT Black 13 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Orange 50 (1)	Orange 50 (1)	STD (1)	Orange 50 (1)	—	3/0 (1)	U27RT Orange 14 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Purple 54 (1)	Purple 54H ^② (2)	STD (1)	Purple 54H ^② (2)	—	4/0 (1)	U28RT Purple 15 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Yellow 62 (1)	Yellow 62 (1)	STD (1)	Yellow 62 (1)	—	250 (1)	U29RT Yellow 16 (1)	STD (1)	STD (2)	—	Yellow (2)

②Half width dies.

④Minimum size: #4 AWG lugs and splices.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

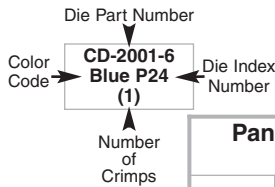
F. Index

For use with Copper Conductors

Installation Tooling and Die Selections for: Types LCA, LCA^N, LCD, LCD^N and SCS

How to read this chart

For LCA6 lug and CT-2001 crimping tool:



Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)

Thomas & Betts

Panduit Part Number	Std. Wire Size	Wire Strip Length (In.)	Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)							Thomas & Betts				
			CT-1570	CT-1701 ^①	CT-1700 ^①	CT-720	CT-920, CT-920CH, CT-930, CT-930CH, CT-930LPCH [®] , CT-2920, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-940CH [®] , CT-2940 [®] , CT-2940/LE [®]	Uni-Die™ Dieless CT-980, CT-2980, CT-2980/L, CT-2980/LE, CT-980LPCH [®] , CT-2981 Extended Wire Range	CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E	TBM20S, TBM25S	TBM6, TBM6S, 25000, TBM5, TBM8	TBM12, 13642M		
L = Lug S = Splice			Die Part Number/Color Code and Die Index Number/(Number of Crimps)											
LCA10 LCD10	#14 – #10 AWG STR, #12 – #10 AWG SOL	7/16	12-10 (1)	P10 (1)	—	—	—	—	—	—	—	—	—	—
LCA8 LCA ^N 8 LCD8 LCD ^N 8	#8 AWG	5/8	—	—	Red P21 (2)	CD-720-1 Red P21 (1)	CD-920-8 Red P21 (1)	—	CD-2001-8 Red P21 (1)	Red 21 (2)	Red 21 (1)	Red 21 (1)	—	—
SCS8		11/16	—	—	—	—	—	—	—	—	—	—	—	—
LCA6 LCA ^N 6 LCD6 LCD ^N 6	#6 AWG	7/8	—	—	Blue P24 (2)	CD-720-1 Blue P24 (1)	CD-920-6 Blue P24 (1)	—	CD-2001-6 Blue P24 (1)	Blue 24 (2)	Blue 24 (1)	Blue 24 (1)	—	—
SCS6		13/16	—	—	—	—	—	—	—	—	—	—	—	—
LCA4 LCA ^N 4 LCD4 LCD ^N 4	#4 – #3 AWG STR, #2 AWG SOL	7/8	—	—	Gray P29 (2)	CD-720-1 Gray P29 (1)	CD-920-4 Gray P29 (1)	#4 – #2 AWG #2 AWG SOL Only (1)	CD-2001-4 Gray P29 (1)	Gray 29 (2)	Gray 29 (1)	Gray 29 (1)	—	—
SCS4		13/16	—	—	—	—	—	—	—	—	—	—	—	—
LCA2 LCA ^N 2 LCD2 LCD ^N 2	#2 AWG	15/16	—	—	Brown P33 (2)	CD-720-1 Brown P33 (1)	CD-920-2 Brown P33 (1)	#6 – #2 AWG (1)	CD-2001-2 Brown P33 (1)	Brown 33 (2)	Brown 33 (1)	Brown 33 (1)	—	—
SCS2		7/8	—	—	—	—	—	—	—	—	—	—	—	—
LCA1 LCA ^N 1 LCD1 LCD ^N 1	#1 AWG	15/16	—	—	Green P37 (3)	CD-720-2 Green P37 (1)	CD-920-1 Green P37 (1)	#6 – #1 AWG (1)	CD-2001-1 Green P37 (1)	—	Green 37 (1)	Green 37 (1)	—	—
SCS1		7/8	—	—	—	—	—	—	—	—	—	—	—	—
LCA1/0 LCA ^N 1/0 LCD1/0 LCD ^N 1/0	1/0 AWG	1	—	—	—	CD-720-2 Pink P42 (1)	CD-920-1/0 Pink P42 (1)	#6 – 1/0 AWG (1)	CD-2001-1/0 Pink P42 (1)	—	Pink 42 (1)	Pink 42 (1)	—	—
SCS1/0		7/8	—	—	—	—	—	—	—	—	—	—	—	—
LCA2/0 LCA ^N 2/0 LCD2/0 LCD ^N 2/0	2/0 AWG	1-1/16	—	—	—	CD-720-2 Black P45 (2)	CD-920-2/0 Black P45 (2)	#4 – 2/0 AWG (1)	CD-2001-2/0 Black P45 (2)	—	Black 45 (2)	Black 45 (1)	—	—
SCS2/0		15/16	—	—	—	—	—	—	—	—	—	—	—	—
LCA3/0 LCA ^N 3/0 LCD3/0 LCD ^N 3/0	3/0 AWG	1-3/16	—	—	—	CD-720-2 Orange P50 (2)	CD-920-3/0 Orange P50 (2)	#2 – 3/0 AWG (1)	CD-2001-3/0 Orange P50 (2)	—	Orange 50 (2)	Orange 50 (1)	—	—
SCS3/0		1	—	—	—	—	—	—	—	—	—	—	—	—

①The CT-1700 and CT-1701 crimp die pockets are integrated into the tool frame.
 ②CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.

③Maximum size: 500 kcmil lugs and 250 kcmil splices.
 ④Maximum size: 250 kcmil lugs and splices. No extended wire range.

For use with
Copper
Conductors

Installation Tooling and Die Selections for: Types LCA, LCA_N, LCD, LCD_N and SCS (continued)

Thomas & Betts			Burndy				Anderson	Penn-Union	Greenlee	
TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM8-750BSCR, TBM750BSCR®	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	Y2MR, Y1MR, Y1MRTC	MY29	BAT35, Y39BH, Y35BH, Y750, Y750BH, Y750-2, Y750HS, Y750BH-2, Y39, PAT750, Y35, BAT750	Y45Ⓣ, Y46Ⓣ	Y644M, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
Die Part Number/Color Code and Die Index Number/(Number of Crimps)										
—	—	—	—	—	—	—	—	—	—	—
Red 21 (1)	STD (1)	Red 21 (1)	Red 49 (1)	#8 (1)	U8CRT Red 49 (1)	U8CRT Red 49 (1)	—	—	—	—
Blue 24 (1)	STD (1)	Blue 24 (1)	Blue 7 (2)	#6 (1)	U5CRT Blue 7 (1)	U5CRT Blue 7 (1)	STD (1)	STD (1)	—	—
Gray 29 (1)	STD (1)	Gray 29 (1)	Gray 8 (2)	#4 (1)	U4CRT Gray 8 (1)	U4CRT Gray 8 (1)	STD (1)	STD (1)	—	STD (1)
Brown 33 (1)	STD (1)	Brown 33 (1)	Brown 10 (2)	#2 (1)	U2CRT Brown 9 [solid]/ Brown 10 [stranded] (1)	U2CRT Brown 9 [solid]/ Brown 10 [stranded] (1)	STD (1)	STD (1)	STD (1)	STD (1)
Green 37 (1)	STD (1)	Green 37 (1)	—	#1 (1)	U1CRT Green 11 (1)	U1CRT Green 11 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Pink 42H [Ⓣ] (2)	STD (1)	Pink 42H [Ⓣ] (2)	—	1/0 (1)	U25RT Pink 12 (1)	U25RT Pink 12 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Black 45 (1)	STD (1)	Black 45 (1)	—	2/0 (1)	U26RT Black 13 (1)	U26RT Black 13 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Orange 50 (1)	STD (1)	Orange 50 (1)	—	3/0 (1)	U27RT Orange 14 (1)	U27RT Orange 14 (1)	STD (1)	STD (1)	STD (1)	STD (1)

ⓉHalf width dies.

ⓉRequires U die adapter.

ⓉMinimum size: #4 AWG lugs and splices.

Chart continues on pages D3.60 – D3.61

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout/
& Safety
Solutions

F.
Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

For use with Copper Conductors

Installation Tooling and Die Selections for: Types LCA, LCA_N, LCD, LCD_N and SCS (continued)

			Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)				Thomas & Betts		
Panduit Part Number	Std. Wire Size	Wire Strip Length (In.)	CT-720	CT-920, CT-920CH, CT-930, CT-930CH, CT-930LPCH [Ⓞ] , CT-2920, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-940CH [Ⓝ] , CT-2940 [Ⓝ] , CT-2940/L [Ⓝ] , CT-2940/LE [Ⓝ]	CT-980, CT-2980, CT-2980/L, CT-2980/LE, CT-980LPCH [Ⓞ] , CT-980CH, CT-2950 [Ⓞ] , CT-2981 Extended Wire Range	CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E	TBM5	TBM6, TBM6S, 25000, TBM8	TBM12, 13642M
L=Lug S=Splice			Die Part Number/Color Code and Die Index Number/(Number of Crimps)						
LCA4/0	4/0 AWG	1-1/4	CD-720-3 Purple P54 (2)	CD-920-4/0 Purple P54 (2)	1 – 4/0 AWG (1)	CD-2001-4/0 Purple P54 (2)	Purple 54 (2)	Purple 54 (2)	Purple 54 (1)
LCA _N 4/0									
LCD4/0									
LCD _N 4/0									
SCS4/0		1							
LCA250	250 kcmil	1-5/16	CD-720-3 Yellow P62 (2)	CD-920-250 Yellow P62 (2)	1/0 AWG – 250 kcmil (2)	CD-2001-250 Yellow P62 (2)	Yellow 62 (2)	Yellow 62 (2)	Yellow 62 (1)
LCA _N 250									
LCD250									
LCD _N 250									
SCS250		1-1/16							
LCA300	300 kcmil	1-1/2	CD-720-4 White P66 (2)	CD-920-300 White P66 (2)	2/0 AWG – 300 kcmil (2)	CD-2001-300 White P66 (2)	—	White 66 (2)	White 66H [Ⓞ] (1)
LCA _N 300									
LCD300									
LCD _N 300									
SCS300		1-1/16							
LCA350	350 kcmil	1-1/2	CD-720-5 Red P71 (2)	CD-920-350 Red P71 (2)	3/0 AWG – 350 kcmil (2)	CD-2001-350 Red P71 (2)	—	Red 71 (2)	Red 71H [Ⓞ] (2)
LCA _N 350									
LCD350									
LCD _N 350									
SCS350		1-1/8							
LCA400	400 kcmil	1-9/16	CD-720-6 Blue P76 (2)	CD-920-400 Blue P76 (2)	4/0 AWG – 400 kcmil (2)	CD-2001-400 Blue P76 (3)	—	Blue 76 (2)	Blue 76H [Ⓞ] (2)
LCA _N 400									
LCD400									
LCD _N 400									
SCS400		1-3/16							
LCA500	500 kcmil	1-13/16	CD-720-7 Brown P87 (2)	CD-920-500 Brown P87 (2)	4/0 AWG – 500 kcmil (2)	CD-2001-500 Brown P87 (3)	—	Brown 87 (2)	Brown 87H [Ⓞ] (2)
LCA _N 500									
LCD500									
LCD _N 500									
SCS500		1-3/8							
LCA600	600 kcmil	1-13/16	—	CD-920-600 Green P94 (2)	250 – 600 kcmil (2)	—	—	—	Green 94H [Ⓞ] (2)
LCA _N 600									
LCD600									
LCD _N 600									
SCS600		1-3/8							
LCA750	750 kcmil	1-15/16	—	CD920-750 CD-940-750 [Ⓞ] Black P106 (2)	500 – 750 kcmil (2)	—	—	—	Black 106H [Ⓞ] (2)
LCA _N 750									
LCD750									
LCD _N 750									
SCS750		1-5/8							
LCD1000	1000 kcmil	1-15/16	—	CD-940-1000 [Ⓞ] White P125 (4)	—	—	—	—	—
SCS1000		1-7/8							

[Ⓞ]Half width dies.
[Ⓝ]CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
[Ⓞ]CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
[Ⓞ]Maximum size: 500 kcmil lugs and 250 kcmil splices.
[Ⓞ]Maximum size: 250 kcmil lugs and splices. No extended wire range.

For use with
Copper
Conductors

Installation Tooling and Die Selections for: Types LCA, LCA, LCD, LCDN and SCS (continued)

Thomas & Betts			Burndy					Anderson	Penn-Union	Greenlee
TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM8-750BSCR, TBM750BSCR®	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	Y2MR, Y1MR, Y1MRTC	MY29	BAT35, Y35BH, Y750, Y39BH, Y750BH, Y750-2, Y750HS, Y750BH-2, Y39, PAT750, Y35, BAT750	Y45 ^⑦ , Y46 ^⑦	Y644M, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
Die Part Number/Color Code and Die Index Number/(Number of Crimps)										
Purple 54H ^② (2)	STD (1)	Purple 54H ^② (2)	—	4/0 (1)	U28RT Purple 15 (1)	U28RT Purple 15 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Yellow 62 (1)	STD (1)	Yellow 62 (1)	—	250 (1)	U29RT Yellow 16 (1)	U29RT Yellow 16 (1)	STD (1)	STD (2)	STD (1)	STD (1)
White 66 (1)	STD (1)	White 66 (1)	—	—	U30RT White 17 (2)	U30RT White 17 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Red 71H ^② (2)	STD (1)	Red 71H ^② (2)	—	—	U31RT Red 18 (2)	U31RT Red 18 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Blue 76H ^② (2)	STD (1)	Blue 76 (1)	—	—	U32RT Blue 19 (2)	U32RT Blue 19 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Brown 87H ^② (2)	STD (1)	Brown 87H ^② (2)	—	—	U34RT Brown 20 (2)	U34RT Brown 20 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Green 94H ^② (2)	STD (1)	Green 94H ^② (2)	—	—	U36RT Green 22 (2)	U36RT Green 22 (2)	STD (1)	—	STD (1)	—
Black 106H ^② (2)	STD (1)	Black 106H ^② (2)	—	—	U39RT Black 24 (3)	U39RT Black 24 (3)	STD (1)	—	STD (1)	—
125H ^② (2)	—	125H ^② (2)	—	—	—	S44RT White 27 (4)	—	—	—	—

②Half width dies.

⑦Requires U die adapter.

⑧Minimum size: #4 AWG lugs and splices.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

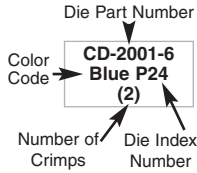
F. Index

For use with Copper Conductors

Installation Tooling and Die Selections for: Types LCB, LCBN, LCC, LCCN and SCL

How to read this chart

For LCB6 lug and CT-2001 crimping tool:



Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)

Thomas & Betts

Panduit Part Number	Std. Wire Size	Wire Strip Length (In.)	Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)							Thomas & Betts							
			CT-1570	CT-1701 ^①	CT-1700 ^①	CT-720	CT-920, CT-920CH, CT-930, CT-930CH, CT-2920, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-930LPCH ^② , CT-940CH ^② , CT-2940 ^② , CT-2940/L ^② , CT-2940/LE ^②	Uni-Die™ CT-980, CT-980CH, CT-2950 ^② , CT-2980, CT-2980/L, CT-2980/LE, CT-2981, CT-980LPCH ^② , Extended Wire Range	CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E	TBM20S, TBM25S	TBM5	TBM6, TBM6S, 25000, TBM8	TBM12, 13642M				
L = Lug S = Splice			Die Part Number/Color Code and Die Index Number/(Number Of Crimps)														
LCB10 LCC10	#14 – #10 AWG STR, #12 – #10 AWG SOL	9/16	12-10 (2)	P10 (2)	—	—	—	—	—	—	—	—	—	—	—	—	—
LCB8 LCBN8 LCC8 LCCN8 SCL8	#8 AWG	3/4 1-1/16	—	—	Red P21 (3)	CD-720-1 Red P21 (2)	CD-920-8 Red P21 (1)	—	CD-2001-8 Red P21 (2)	Red 21 (3)	Red 21 (1)	Red 21 (1)	Red 21 (1)	—	—	—	—
LCB6 LCBN6 LCC6 LCCN6 SCL6	#6 AWG	1-1/8	—	—	Blue P24 (3)	CD-720-1 Blue P24 (2)	CD-920-6 Blue P24 (1)	—	CD-2001-6 Blue P24 (2)	Blue 24 (3)	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)	—	—	—	—
LCB4 LCBN4 LCC4 LCCN4 SCL4	#4 – #3 AWG STR, #2 AWG SOL	1-1/8	—	—	Gray P29 (3)	CD-720-1 Gray P29 (2)	CD-920-4 Gray P29 (1)	#4 – #2 AWG #2 AWG SOL Only (1)	CD-2001-4 Gray P29 (2)	Gray 29 (3)	Gray 29 (1)	Gray 29 (1)	Gray 29 (1)	—	—	—	—
LCB2 LCBN2 LCC2 LCCN2 SCL2	#2 AWG	1-1/4	—	—	Brown P33 (3)	CD-720-1 Brown P33 (2)	CD-920-2 Brown P33 (1)	#6 – #2 AWG (1)	CD-2001-2 Brown P33 (2)	Brown 33 (3)	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)	—	—	—	—
LCB1 LCBN1 LCC1 LCCN1 SCL1	#1 AWG	1-7/16 1-3/8	—	—	Green P37 (4)	CD-720-2 Green P37 (2)	CD-920-1 Green P37 (1)	#6 – #1 AWG (1)	CD-2001-1 Green P37 (2)	—	Green 37 (1)	Green 37 (1)	Green 37 (1)	—	—	—	—
LCB1/0 LCBN1/0 LCC1/0 LCCN1/0 SCL1/0	1/0 AWG	1-1/2 1-3/8	—	—	—	CD-720-2 Pink P42 (2)	CD-920-1/0 Pink P42 (2)	#6 – 1/0 AWG (2)	CD-2001-1/0 Pink P42 (2)	—	Pink 42 (2)	Pink 42 (2)	Pink 42 (2)	—	—	—	—
LCB2/0 LCBN2/0 LCC2/0 LCCN2/0 SCL2/0	2/0 AWG	1-9/16 1-1/2	—	—	—	CD-720-2 Black P45 (3)	CD-920-2/0 Black P45 (3)	#4 – 2/0 AWG (2)	CD-2001-2/0 Black P45 (3)	—	Black 45 (3)	Black 45 (3)	Black 45 (2)	—	—	—	—
LCB3/0 LCBN3/0 LCC3/0 LCCN3/0 SCL3/0	3/0 AWG	1-9/16 1-1/2	—	—	—	CD-720-2 Orange P50 (3)	CD-920-3/0 Orange P50 (3)	#2 – 3/0 AWG (2)	CD-2001-3/0 Orange P50 (3)	—	Orange 50 (3)	Orange 50 (3)	Orange 50 (2)	—	—	—	—
LCB4/0 LCBN4/0 LCC4/0 LCCN4/0 SCL4/0	4/0 AWG	1-5/8	—	—	—	CD-720-3 Purple P54 (3)	CD-920-4/0 Purple P54 (3)	#1 – 4/0 AWG (2)	CD-2001-4/0 Purple P54 (3)	—	Purple 54 (3)	Purple 54 (3)	Purple 54 (2)	—	—	—	—
LCB250 LCBN250 LCC250 LCCN250 SLC250	250 kcmil	1-11/16 1-5/8	—	—	—	CD-720-3 Yellow P62 (4)	CD-920-250 Yellow P62 (3)	1/0 AWG – 250 kcmil (3)	CD-2001-250 Yellow P62 (3)	—	Yellow 62 (4)	Yellow 62 (4)	Yellow 62 (2)	—	—	—	—

①The CT-1700 and CT-1701 crimp die pockets are integrated into the tool frame.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.

⑤Maximum size: 500 kcmil lugs and 250 kcmil splices.
⑥Maximum size: 250 kcmil lugs and splices. No extended wire range.

For use with
Copper
Conductors

Installation Tooling and Die Selections for: Types LCB, LCBN, LCC, LCCN and SCL (continued)

Thomas & Betts			Burndy					Anderson	Penn-Union	Greenlee
TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM750BSCR®, TBM8-750BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	Y2MR, Y1MR, Y1MRTC	MY29	Y35, Y35BH, Y39, Y39BH, Y750, Y750-2, Y750BH, Y750HS, Y750BH-2, PAT750, BAT750, BAT35	Y45Ⓣ, Y46Ⓣ	Y644M, Y644HS, Y644MBH, PAT644, BAT644	VC6	TDY-1	1989
Die Part Number/Color Code and Die Index Number/(Number of Crimps)										
—	—	—	—	—	—	—	—	—	—	—
Red 21 (1)	STD (1)	Red 21 (1)	Red 49 (2)	#8 (1)	U8CRT Red 49 (1)	U8CRT Red 49 (1)	—	—	—	—
Blue 24 (1)	STD (1)	Blue 24 (1)	Blue 7 (2)	#6 (1)	U5CRT Blue 7 (1)	U5CRT Blue 7 (1)	STD (1)	STD (1)	—	—
Gray 29 (1)	STD (1)	Gray 29 (1)	Gray 8 (2)	#4 (1)	U4CRT Gray 8 (1)	U4CRT Gray 8 (1)	STD (1)	STD (1)	—	STD (1)
Brown 33 (1)	STD (1)	Brown 33 (1)	Brown 10 (2)	#2 (1)	U2CRT Brown 9 (solid) /Brown 10 (stranded) (2)	U2CRT Brown 9 (solid) /Brown 10 (stranded) (2)	STD (1)	STD (1)	STD (1)	STD (1)
Green 37 (1)	STD (1)	Green 37 (1)	—	#1 (1)	U1CRT Green 11 (2)	U1CRT Green 11 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Pink 42HⓉ (4)	STD (2)	Pink 42H Ⓣ (4)	—	1/0 (2)	U25RT Pink 12 (2)	U25RT Pink 12 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Black 45 (2)	STD (2)	Black 45 (2)	—	2/0 (2)	U26RT Black 13 (2)	U26RT Black 13 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Orange 50 (2)	STD (2)	Orange 50 (2)	—	3/0 (2)	U27RT Orange 14 (2)	U27RT Orange 14 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Purple 54HⓉ (4)	STD (2)	Purple 54H Ⓣ (4)	—	4/0 (2)	U28RT Purple 15 (2)	U28RT Purple 15 (2)	STD (1)	STD (2)	STD (1)	STD (1)
LCB250 LCBN250 LCC250 LCCN250	250 kcmil	1-11/16	—	—	—	CD-720-3 Yellow P62 (4)	CD-920-250 Yellow P62 (3)	1/0 AWG – 250 kcmil (3)	CD-2001- 250 Yellow P62 (3)	—

ⓉHalf width dies.

ⓉRequires U die adapter.

ⓉMinimum size: #4 AWG lugs and splices.

Chart continues on pages D3.64 – D3.65

For technical assistance in the U.S., call 866-405-6654 (outside the U.S., see inside back cover for directory)

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

For use with Copper Conductors

Installation Tooling and Die Selections for: Types LCB, LCBN, LCC, LCCN and SCL (continued)

Panduit Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (In.)	Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)				Thomas & Betts	
			CT-720	CT-920, CT-920CH, CT-930, CT-930CH, CT-2920, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-930LPCH ^⑥ , CT-940CH ^③ , CT-2940 ^③ , CT-2940/L ^③ , CT-2940/LE ^③	Uni-Die™ CT-980, CT-980CH, CT-2950 ^⑤ , CT-2980, CT-2980/L, CT-2980/LE, CT2981, CT-980LPCH ^⑥ Extended Wire Range ^⑨	CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E	TBM6, TBM6S, 25000, TBM8	TBM12, 13642M
Die Part Number/Color Code and Die Index Number/(Number Of Crimps)								
LCB300 LCBN300 LCC300 LCCN300 SCL300	300 kcmil	2-5/16 2	CD-720-4 White P66 (4)	CD-920-300 White P66 (3)	2/0 AWG – 300 kcmil (3)	CD-2001-300 White P66 (3)	White 66 (4)	White 66 ^② (4)
LCB350 LCBN350 LCC350 LCCN350 SCL350	350 kcmil	2-5/16 2	CD-720-5 Red P71 (4)	CD-920-350 Red P71 (3)	3/0 AWG – 350 kcmil (3)	CD-2001-350 Red P71 (3)	Red 71 (4)	Red 71H ^② (4)
LCB400 LCBN400 LCC400 LCCN400 SCL400	400 kcmil	2-3/8 2-1/8	CD-720-6 Blue P76 (4)	CD-920-400 Blue P76 (3)	4/0 AWG – 400 kcmil (3)	CD-2001-400 Blue P76 (4)	Blue 76 (4)	Blue 76H ^② (4)
LCB500 LCBN500 LCC500 LCCN500 SCL500	500 kcmil	2-9/16 2-1/4	CD-720-7 Brown P87 (4)	CD-920-500 Brown P87 (3)	4/0 AWG – 500 kcmil (3)	CD-2001-500 Brown P87 (4)	Brown 87 (4)	Brown 87H ^② (4)
LCB600 LCBN600 LCC600 LCCN600 SCL600	600 kcmil	2-3/4 2-11/16	—	CD-920-600 Green P94 (4)	250 – 600 kcmil (3)	—	—	Green 94H ^② (4)
LCB750 LCBN750 LCC750 LCCN750 SCL750	750 kcmil	2-15/16 2-7/8	—	CD-920-750 CD-940-750 ^④ Black P106 (4)	500 – 750 kcmil (3)	—	—	Black 106H ^② (4)
LCB800 LCBN800 LCC800 LCCN800	800 kcmil	3	—	CD-940-800 ^④ Orange P107 (4)	—	—	—	—
LCB1000 LCBN1000 LCC1000 LCCN1000 SCL1000	1000 kcmil	3-1/16 3	—	CD-940-1000 ^④ White P125 (4)	—	—	—	Yellow 125H ^② (4)

②Half width dies.
 ③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
 ④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
 ⑤Maximum size: 500 kcmil lugs and 250 kcmil splices.
 ⑥Maximum size: 250 kcmil lugs and splices. No extended wire range.
 ⑨Maximum size: 500 kcmil lugs and splices.

For use with
Copper
Conductors

Installation Tooling and Die Selections for: Types LCB, LCBN, LCC, LCCN and SCL (continued)

Thomas & Betts			Burndy			Anderson	Penn-Union	Greenlee
TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM750BSCR®, TBM8-750BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	Y35, Y35BH, Y39, Y39BH, Y750, Y750-2, Y750BH, Y750HS, Y750BH-2, PAT750, BAT750, BAT35	Y45 ^② , Y46 ^②	Y644M, Y644HS, Y644MBH, PAT644, BAT644	VC6	TDY-1	1989
Die Part Number/Color Code and Die Index Number/(Number Of Crimps)								
White 66 (3)	STD (3)	White 66 (3)	U30RT White 17 (3)	U30RT White 17 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Red 71 ^② (4)	STD (3)	Red 71 (4)	U31RT Red 18 (3)	U31RT Red 18 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Blue ^② (4)	STD (3)	Blue 76 (4)	U32RT Blue 19 (3)	U32RT Blue 19 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Brown 87 ^② (4)	STD (3)	Brown 87 (4)	U34RT Brown 20 (3)	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Green 94 ^② (4)	STD (4)	Green 94 (4)	U36RT Green 22 (4)	U36RT Green 22 (4)	STD (1)	—	STD (4)	—
Black 106 ^② (4)	STD (4)	Black 106 (4)	U39RT Black 24 (5)	U39RT Black 24 (5)	STD (1)	—	STD (2)	—
—	—	—	—	—	—	—	—	—
125 ^② (4)	—	125 ^② (4)	—	S44RT White 27 (6)	—	—	—	—

②Half width dies.

⑦Requires U die adapter.

⑧Minimum size: #4 AWG lugs and splices.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

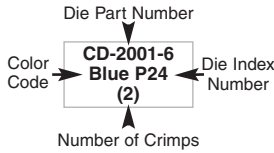
F. Index

For use with Copper Conductors

Installation Tooling and Die Selections for: Types LCBH, LCCH, and SCH

How to read this chart

For LCBH6 lug and CT-2001 crimping tool:



Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)

Thomas & Betts

Panduit Part Number	Std. Wire Size	Wire Strip Length (In.)	Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)				Thomas & Betts				
			CT-1700 ^①	CT-720	CT-920, CT-920CH, CT-2920, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-930LPCH ^② , CT-940CH ^② , CT-2940 ^③ , CT-2940/L ^③ , CT-2940/LE ^③	Uni-Die™ CT-980, CT-980CH, CT-2950 ^⑤ , CT-2980 ^⑥ , CT-2980/L ^⑥ , CT-2980/LE ^⑥ , CT-2981 ^⑥ , CT-980LPCH ^⑥ Wire Range	CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E	TBM5	TBM6, TBM6S, 25000, TBM8	TBM12 13642M	
L = Lug S = Splice			Die Part Number/Color Code and Die Index Number/(Number Of Crimps)								
LCBH6 LCCH6	#6 AWG	1-1/8	Blue P24 (3)	CD-720-1 Blue P24 (2)	CD-920-6 Blue P24 (1)	—	CD-2001-6 Blue P24 (2)	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)	
SCH6		15/16									
LCBH4 LCCH4	#4 AWG	1-1/8	Gray P29 (3)	CD-720-1 Gray P29 (2)	CD-920-4 Gray P29 (1)	#2 AWG SOL, #3 AWG STR (1)	CD-2001-4 Gray P29 (2)	Gray 29 (1)	Gray 29 (1)	Gray 29 (1)	
SCH4		15/16									
LCBH2 LCCH2	#2 AWG	1-1/4	Brown P33 (3)	CD-720-1 Brown P33 (2)	CD-920-2 Brown P33 (1)	#6 – #4 AWG (1)	CD-2001-2 Brown P33 (2)	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)	
SCH2		1									
LCBH1 LCCH1	#1 AWG	1-7/16	Green P37 (3)	CD-720-2 Green P37 (2)	CD-920-1 Green P37 (1)	#6 – #2 AWG (1)	CD-2001-1 Green P37 (2)	Green 37 (1)	Green 37 (1)	Green 37 (1)	
SCH1		1									
LCBH1/0 LCCH1/0	1/0 AWG	1-1/2	—	CD-720-2 Pink P42 (2)	CD-920-1/0 Pink P42 (2)	#6 – #1 AWG (2)	CD-2001-1/0 Pink P42 (2)	Pink 42 (2)	Pink 42 (2)	Pink 42 (2)	
SCH1/0		1									
LCBH2/0 LCCH2/0	2/0 AWG	1-9/16	—	CD-720-2 Black P45 (3)	CD-920-2/0 Black P45 (3)	#4 – 1/0 AWG (2)	CD-2001-2/0 Black P45 (3)	Black 45 (3)	Black 45 (3)	Black 45 (2)	
SCH2/0		1-1/16									
LCBH3/0 LCCH3/0	3/0 AWG	1-9/16	—	CD-720-2 Orange P50 (3)	CD-920-3/0 Orange P50 (3)	#2 – 2/0 AWG (2)	CD-2001-3/0 Orange P50 (3)	Orange 50 (3)	Orange 50 (3)	Orange 50 (2)	
SCH3/0		1-3/16									
LCBH4/0 LCCH4/0	4/0 AWG	1-5/8	—	CD-720-3 Purple P54 (3)	CD-920-4/0 Purple P54 (3)	#1 – 3/0 AWG (2)	CD-2001-4/0 Purple P54 (3)	Purple 54 (3)	Purple 54 (3)	Purple 54 (3)	
SCH4/0		1-3/16									
LCBH250 LCCH250	250 kcmil	1-11/16	—	CD-720-3 Yellow P62 (4)	CD-920-250 Yellow P62 (3)	1/0 – 4/0 AWG (3)	CD-2001-250 Yellow P62 (3)	Yellow 62 (4)	Yellow 62 (4)	Yellow 62 (2)	
SCH250		1-1/4									
LCBH300 LCCH300	300 kcmil	2-5/16	—	CD-720-4 White P66 (4)	CD-920-300 White P66 (3)	2/0 AWG – 250 kcmil (3)	CD-2001-300 White P66 (3)	—	White 66 (4)	White 66H ^② (4)	
SCH300		2									
LCBH350 LCCH350	350 kcmil	2-5/16	—	CD-720-5 Red P71 (4)	CD-920-350 Red P71 (3)	3/0 AWG – 300 kcmil (3)	CD-2001-350 Red P71 (3)	—	Red 71 (4)	Red 71H ^② (4)	
SCH350		2									
LCBH400 LCCH400	400 kcmil	2-3/8	—	CD-720-6 Blue P76 (4)	CD-920-400 Blue P76 (3)	4/0 AWG – 350 kcmil (3)	CD-2001-400 Blue P76 (4)	—	Blue 76 (4)	Blue 76H ^② (4)	
SCH400		2-1/8									
LCBH500 LCCH500	500 kcmil	2-9/16	—	CD-720-7 Brown P87 (4)	CD-920-500 Brown P87 (3)	4/0 AWG – 400 kcmil (3)	CD-2001-500 Brown P87 (4)	—	Brown 87 (4)	Brown 87H ^② (4)	
SCH500		2-1/4									
LCBH600 LCCH600	600 kcmil	2-3/4	—	—	CD-920-600 Green P94 (4)	250 – 500 kcmil (3)	—	—	—	Green 94H ^② (4)	
SCH600		2-11/16									
LCBH750 LCCH750	750 kcmil	2-15/16	—	—	CD-920-750, CD-940-750 ^④ Black P106 (4)	500 – 600 kcmil (3)	—	—	—	Black 106H ^② (4)	
SCH750		2-7/8									
LCBH1000 LCCH1000	1000 kcmil	3-1/16	—	—	CD-940-1000 ^④ Green P125 (4)	—	—	—	—	125H ^② (4)	
SCH1000		3									

①The CT-1700 crimp die pockets are integrated into the tool frame.

②Half width dies.

③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.

④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.

⑤Maximum size: 500 kcmil lugs and 250 kcmil splices.

⑥Maximum size: 250 kcmil lugs and splices. No extended wire range.

⑦Maximum size: 500 kcmil lugs and splices.

For use with
Copper
Conductors

Installation Tooling and Die Selections for: Types LCBH, LCCH, and SCH (continued)

Thomas & Betts			Burdndy				Anderson	Penn-Union	Greenlee
TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM8-750BSCR, TBM750BSCR®	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	MY29	Y39, Y35, Y35BH, BAT35, Y750, Y750BH-2, Y750HS, Y750-2, BAT750, PAT750, Y39BH, Y750BH	Y45 [Ⓣ] , Y46 [Ⓣ]	Y644, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
Die Part Number/Color Code and Die Index Number/(Number of Crimps)									
Blue 24 (1)	STD (1)	Blue 24 (1)	6 (1)	U5CRT Blue 7 (1)	U5CRT Blue 7 (1)	STD (1)	STD (1)	—	—
Gray 29 (1)	STD (1)	Gray 29 (1)	4 (1)	U4CRT Gray 8 (1)	U4CRT Gray 8 (1)	STD (1)	STD (1)	—	STD (1)
Brown 33 (1)	STD (1)	Brown 33 (1)	2 (1)	U2CRT Brown 10 (2)	U2CRT Brown 10 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Green 37 (1)	STD (1)	Green 37 (1)	1 (1)	U1CRT Green 11 (2)	U1CRT Green 11 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Pink 42H [Ⓣ] (4)	STD (2)	Pink 42H [Ⓣ] (4)	1/0 (2)	U25RT Pink 12 (2)	U25RT Pink 12 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Black 45 (2)	STD (2)	Black 45 (2)	2/0 (2)	U26RT Black 13 (2)	U26RT Black 13 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Orange 50 (2)	STD (2)	Orange 50 (2)	3/0 (2)	U27RT Orange 14 (2)	U27RT Orange 14 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Purple 54H [Ⓣ] (4)	STD (2)	Purple 54H [Ⓣ] (4)	4/0 (2)	U28RT Purple 15 (2)	U28RT Purple 15 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Yellow 62 (2)	STD (2)	Yellow 62 (2)	250 (2)	U29RT Yellow 16 (2)	U29RT Yellow 16 (2)	STD (1)	STD (2)	STD (2)	STD (1)
White 66H [Ⓣ] (4)	STD (3)	White 66 (4)	—	U30RT White 17 (3)	U30RT White 17 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Red 71H [Ⓣ] (4)	STD (3)	Red 71H [Ⓣ] (4)	—	U31RT Red 18 (3)	U31RT Red 18 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Blue 76H [Ⓣ] (4)	STD (3)	Blue 76 (4)	—	U32RT Blue 19 (3)	U32RT Blue 19 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Brown 87H [Ⓣ] (4)	STD (3)	Brown 87H [Ⓣ] (4)	—	U34RT Brown 20 (3)	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Green 94H [Ⓣ] (4)	STD (4)	Green 94H [Ⓣ] (4)	—	U36RT Green 22 (4)	U36RT Green 22 (4)	STD (1)	—	STD (2)	—
Black 106H [Ⓣ] (4)	STD (4)	Black 106H [Ⓣ] (4)	—	U39RT Black 24 (5)	U39RT Black 24 (5)	STD (1)	—	STD (2)	—
125H [Ⓣ] (4)	—	125H [Ⓣ] (4)	—	—	S44RT White 27 (6)	—	—	—	—

ⓉHalf width dies.

ⓉRequires U die adapter.

ⓉMinimum size: #4 AWG lugs and splices.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

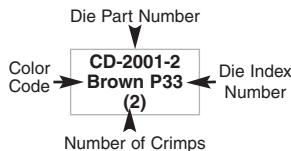
F. Index

For use with Copper Conductors

Installation Tooling and Die Selections for: Type SCT

How to read this chart

For SCT2-2 splice and CT-2001 crimping tool:



Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)							Thomas & Betts		
Panduit Part Number	Std. Wire Size	Wire Strip Length (In.)	CT-1700 ^①	CT-720	CT-920, CT-920CH, CT-2920, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-940CH ^③ , CT-2940 ^③ , CT-2940/L ^③ , CT-2940/LE ^③	CT-980, CT-980CH, CT-2950 ^④ , CT-2980, CT-2980/L, CT-2980/LE, CT-2981	CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E	TBM5	TBM8
	Main Tap	Main Tap	Die Part Number/Color Code and Die Index Number/(Number of Crimps)						
SCT2-2	#2 AWG	2	Brown P33 (3)	CD-720-1 Brown P33 (2)	CD-920-2 Brown P33 (1)	STD (1)	CD-2001-2 Brown P33 (2)	Brown 33 (1)	Brown 33 (1)
	#2 AWG	1-9/16							
SCT1/0-1/0	1/0 AWG	2-1/16	Pink P42 (3)	CD-720-2 Pink P42 (2)	CD-920-1/0 Pink P42 (2)	STD (1)	CD-2001-1/0 Pink P42 (2)	Pink 42 (2)	Pink 43 (2)
	1/0 AWG	1-9/16							
SCT2/0-2/0	2/0 AWG	2-1/16	—	CD-720-2 Black P45 (3)	CD-920-2/0 Black P45 (3)	STD (1)	CD-2001-2/0 Black P45 (3)	Black 45 (3)	Black 45 (3)
	2/0 AWG	1-9/16							
SCT4/0-1/0	4/0 AWG	2-1/16	—	CD-720-2 Pink P42 (3)	CD-920-1/0 Pink P42 (3)	STD (1)	CD-2001-1/0 Pink P42 (3)	Pink 42 (3)	Pink 42 (3)
	1/0 AWG	1-9/16							
SCT4/0-4/0	4/0 AWG	2-1/8	—	CD-720-3 Purple P54 (3)	CD-920-4/0 Purple P54 (3)	STD (1)	CD-2001-4/0 Purple P54 (3)	Purple 54 (3)	Purple 54 (3)
	4/0 AWG	1-11/16							
SCT250-250	250 kcmil	2-3/16	—	CD-720-3 Yellow P62 (4)	CD-920-250 Yellow P62 (3)	STD (1)	CD-2001-250 Yellow P62 (3)	Yellow 62 (4)	Yellow 62 (4)
	250 kcmil	1-11/16							
SCT300-300	300 kcmil	2-13/16	—	CD-720-4 White P65 (4)	CD-920-300 White P65 (3)	STD (1)	CD-2001-300 White P66 (3)	—	White 66 (4)
	300 kcmil	2-1/16							
SCT350-350	350 kcmil	2-13/16	—	CD-720-5 Red P71 (4)	CD-920-350 Red P71 (3)	STD (1)	CD-2001-350 Red P71 (3)	—	Red 71 (4)
	350 kcmil	2-1/16							
SCT500-4/0	500 kcmil	2-15/16	—	CD-720-7 Brown P87 (4)	CD-920-500 Brown P87 (3)	STD (1)	CD-2001-500 Brown P87 (4)	—	Brown 87 (4)
	4/0 AWG	2-15/16		CD-720-3 Purple P54 (4)	CD-920-4/0 Purple P54 (4)		CD-2001-4/0 Purple P54 (4)		
SCT500-500	500 kcmil	3-1/8	—	CD-720-7 Brown P87 (4)	CD-920-500 Brown P87 (3)	STD (1)	CD-2001-500 Brown P87 (4)	—	Brown 87 (4)
	500 kcmil	2-9/16							

①The CT-1700 crimp die pockets are integrated into the tool frame.
 ③ CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
 ④ Maximum size: 250 kcmil.

**For use with
Copper
Conductors**

Installation Tooling and Die Selections for: Type SCT (continued)

Thomas & Betts				Burndy			Anderson	Penn-Union	Greenlee
TBM12 13642M	TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM8-750BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	MY29	Y39, Y35, Y35BH, Y750HS, Y750, BAT35, Y45, Y39BH, Y46, Y750-2, BAT750, PAT750, Y750BH-2, Y750BH	Y644, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
Die Part Number/Color Code and Die Index Number/(Number of Crimps)									
Brown 33 (1)	Brown 33 (1)	STD (1)	Brown 33 (1)	2 (1)	U2CRT Brown 10 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Pink 42H [Ⓜ] (2)	Pink 42H [Ⓜ] (4)	STD (2)	Pink 42H [Ⓜ] (4)	1/0 (2)	U25RT Pink 12 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Black 45 (2)	Black 45 (2)	STD (2)	Black 45 (2)	2/0 (2)	U26RT Black 13 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Pink 42 (2)	Pink 42H [Ⓜ] (4)	STD (2)	Pink 42H [Ⓜ] (4)	1/0 (2)	U25RT Pink 12 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Purple 54 (2)	Purple 54H (4)	STD (2)	Purple 54H [Ⓜ] (4)	4/0 (2)	U28RT Purple 15 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Yellow 62 (2)	Yellow 62 (2)	STD (2)	Yellow 62 (2)	250 (2)	U29RT Yellow 16 (2)	STD (1)	STD (2)	STD (1)	STD (1)
White 66H [Ⓜ] (4)	White 66H [Ⓜ] (4)	STD (3)	White 66H [Ⓜ] (4)	—	U30RT White 17 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Red 71H [Ⓜ] (4)	Red 71H [Ⓜ] (4)	STD (3)	Red 71 (3)	—	U31RT Red 18 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Brown 87H [Ⓜ] (4)	Brown 87H [Ⓜ] (4)	STD (3)	Brown 87 (3)	—	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Olive 54 (4)	Olive 54H [Ⓜ] (4)		Olive 54H [Ⓜ] (3)	—	U28RT Purple 15 (3)				
Brown 87H [Ⓜ] (4)	Brown 87H [Ⓜ] (4)	STD (3)	Brown 87H [Ⓜ] (4)	—	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)

ⓂHalf width dies.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

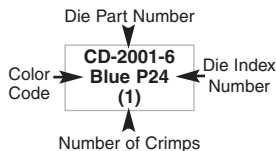
F. Index

For use with Copper Conductors

Installation Tooling and Die Selections for: Types LCAX, LCAXN, LCBX, LCDX, LCDXN and LCCX

How to read this chart

For LCAX6 Lug and CT-2001 crimping tool:



Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)

Panduit Part Number	Std. Wire Size	Cable Classes	Wire Strip Length (In.)	Die Part Number/Color Code and Die Index Number (Number Of Crimps)		
				CT-1700 ^①	CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E	CT-920, CT-920CH, CT-2920, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2940 ^③ , CT-2940/L ^③ , CT-2940/LE ^③ , CT-940CH ^③
LCAX8, LCDX8, LCDXN8, LCEX8, LCJX8	#8 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	1/2	Red P21 (2)	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)
LCBX8, LCCX8			3/4	Red P21 (3)	CD-2001-8 Red P21 (2)	
LCAX6, LCDX6, LCDXN6, LCEX6, LCJX6	#6 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	9/16	Blue P24 (2)	CD-2001-6 Blue P24 (1)	CD-920-6 Blue P24 (1)
LCBX6, LCCX6			1-1/8	Blue P24 (3)	CD-2001-6 Blue P24 (2)	
LCAX4, LCDX4, LCDXN4, LCEX4, LCJX4	#4 AWG	Compact, B, G, H, I, K, M	5/8	Gray P29 (2)	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
	#5, #4, #3	Locomotive (DLO)				
LCBX4, LCCX4	#4 AWG	Compact, B, G, H, I, K, M	1-1/8	Gray P29 (3)	CD-2001-4 Gray P29 (2)	
	#5, #4, #3	Locomotive (DLO)				
LCAX2, LCDX2, LCDXN2, LCEX2, LCJX2	#2 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	11/16	Brown P33 (2)	CD-2001-2 Brown P33 (1)	CD-920-2 Brown P33 (1)
LCBX2, LCCX2			1-7/16	Brown P33 (3)	CD-2001-2 Brown P33 (2)	
LCAX1, LCDX1, LCDXN1, LCEX1, LCJX1	#1 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	3/4	—	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)
LCBX1, LCCX1			1-1/2		CD-2001-1 Green P37 (2)	CD-920-1 Green P37 (2)
LCAX1/0, LCDX1/0, LCDXN1/0, LCEX1/0, LCJX1/0	1/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	3/4	—	CD-2001-1/0 Pink P42 (2)	CD-920-1/0 Pink P42 (1)
LCBX1/0, LCCX1/0			1-9/16		CD-2001-1/0 Pink P42 (3)	CD-920-1/0 Pink P42 (3)
LCAX2/0, LCDX2/0, LCDXN2/0, LCEX2/0, LCJX2/0	2/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	7/8	—	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (1)
LCBX2/0, LCCX2/0			1-9/16		CD-2001-2/0 Black P45 (3)	CD-920-2/0 Black P45 (3)
LCAX3/0, LCDX3/0, LCDXN3/0, LCEX3/0, LCJX3/0	3/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	1	—	CD-2001-3/0 Orange P50 (2)	CD-920-3/0 Orange P50 (1)
LCBX3/0, LCCX3/0			1-5/8		CD-2001-3/0 Orange P50 (3)	CD-920-3/0 Orange P50 (3)

①The CT-1700 crimp die pockets are integrated into the tool frame.
 ②CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
 ③Does not include class K flex conductor with Burndy tools.
 ④Does not include class M flex conductor with Thomas and Betts tools.
 ⑤Does not include class K and M flex conductor with Thomas and Betts tools.
 ⑥Does not include class K flex conductor with Thomas and Betts tools.

For use with
Copper
Conductors

Installation Tooling and Die Selections for: Types LCAX, LCAXN, LCBX, LCDX, LCDXN and LCCX (continued)

Thomas & Betts						Burdny			
TBM12	TBM8	TBM6, 25000	TBM6BSCR, TBM6H	TBM8-750, TBM8-750M-1	TBM14BSCR, TBM14M, TBM15	BCT500HS, Y500CT-HS	Y644M	Y35, Y39, Y750, Y46 [®] , Y750-2, Y750BH, BAT35-14V, BAT750-14V, Pat750-18V	MRC840
Die Part Number/Color Code and Die Index Number/(Number of Crimps)									
TBM12D-1 Red 21 (1)	13461 Red 21 (1)	13475 & 13477 Red 21 (1)	6TON21 Red 21 (1)	STD (1)	15520 Red 21 (1)	W8CRT Red 49 (1)	—	U8CRT Red 49 (1)	Red 49 (1)
TBM12D-1 Red 21 (2)	13461 Red 21 (2)	13475 & 13477 Red 21 (2)	6TON21 Red 21 (2)	STD (2)	15520 Red 21 (2)	W8CRT Red 49 (2)	—	U8CRT Red 49 (2)	Red 49 (2)
TBM12D-1 Blue 24 (1)	13461 Blue 24 (1)	13475 & 13477 Blue 24 (1)	6TON24 Blue 24 (1)	STD (1)	15522 Blue 24 (1)	W5CRT Blue 7 (1)	(1)	U5CRT Blue 7 (1)	Blue 7 (1)
TBM12D-1 Blue 24 (2)	13461 Blue 24 (2)	13475 & 13477 Blue 24 (2)	6TON24 Blue 24 (2)	STD (2)	15522 Blue 24 (2)	W5CRT Blue 7 (2)	(2)	U5CRT Blue 7 (2)	Blue 7 (2)
TBM12D-2 Gray 29 (1)	13461 Gray 29 (1)	13472 & 13476 Gray 29 (1)	6TON29 Gray 29 (1)	STD (1)	15527-CK Gray 29 (1)	W4CRT Gray 8 (1)	(1)	U4CRT Gray 8 (1)	—
TBM12D-2 Gray 29 (3)	13461 Gray 29 (2)	13472 & 13476 Gray 29 (3)	6TON29 Gray 29 (2)	STD (3)	15527-CK Gray 29 (2)	W4CRT Gray 8 (2)	(2)	U4CRT Gray 8 (2)	—
TBM12D-2 Brown 33 (1)	13461 Brown 33 (1)	13474 & 13477 Brown 33 (1)	6TON33 Brown 33 (1)	STD (1)	15528 Brown 33 (1)	W2CRT Brown 10 (1)	(1)	U2CRT Brown 10 (1)	—
TBM12D-2 Brown 33 (3)	13461 Brown 33 (3)	13474 & 13477 Brown 33 (3)	6TON33 Brown 33 (2)	STD (3)	15528 Brown 33 (2)	W2CRT Brown 10 (2)	(2)	U2CRT Brown 10 (2)	—
TBM12D-1 Green 37 (1)	13462 Green 37 (1)	13474 & 13477 Green 37 (1)	6TON37 Green 37 (1)	STD (1)	15513-CK Green 37 (1)	W1CRT-1 Green 11 (1)	(1)	U1CRT Green 11 (1)	—
TBM12D-3 Green 37 (3)	13462 Green 37 (3)	13474 & 13477 Green 37 (3)	6TON37 Green 37 (2)	STD (3)	15513-CK Green 37 (2)	W1CRT-1 Green 11 (2)	(2)	U1CRT Green 11 (2)	—
TBM12D-3 Pink 42 (1)	13462 Pink 42 (1)	13475 & 13477 Pink 42 (2)	6TON42 Pink 42 (2)	STD (1)	15508 Pink 42 (2)	W25RT Pink 12 (2)	(1)	U25RT Pink 12 (1)	—
TBM12D-3 Pink 42 (3)	13462 Pink 42 (3)	13475 & 13477 Pink 42 (3)	6TON42 Pink 42 (3)	STD (3)	15508 Pink 42 (3)	W25RT Pink 12 (3)	(2)	U25RT Pink 12 (2)	—
TBM12D-4 Blk/Gold 45 (1)	13462 Black 45 (2)	13474 & 13477 Black 45 (2)	6TON45 Black 45 (2)	STD (1)	15526 Black 45 (1)	W26RT Black 13 (2)	(1)	U26RT Black 13 (1)	—
TBM12D-4 Blk/Gold 45 (3)	13462 Black 45 (4)	13474 & 13477 Black 45 (3)	6TON45 Black 45 (3)	STD (3)	15526 Black 45 (2)	W26RT Black 13 (3)	(2)	U26RT Black 13 (2)	—
TBM12D-4 Org/Tan 50 (1)	13462 Orange 50 (2)	13474 & 13477 Orange 50 (2)	6TON50 Orange 50 (2)	STD (1)	15530 Orange 50 (2)	W27RT Orange 14 (2)	(1)	U27RT Orange 14 (1)	—
TBM12D-4 Org/Tan 50 (3)	13462 Orange 50 (4)	13474 & 13477 Orange 50 (3)	6TON50 Orange 50 (3)	STD (3)	15530 Orange 50 (3)	W27RT Orange 14 (4)	(2)	U27RT Orange 14 (2)	—

®Requires U die adapter.

Chart continues on pages D3.72–D3.73

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

For use with Copper Conductors

Installation Tooling and Die Selections for: Types LCAX, LCAXN, LCBX, LCDX, LCDXN and LCCX (continued)

Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)

Panduit Part Number	Std. Wire Size	Cable Classes	Wire Strip Length (In.)	Die Part Number/Color Code and Die Index Number/(Number Of Crimps)		
				CT-1700 ^①	CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E	CT-920, CT-920CH, CT-2920, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2940 ^③ , CT-2940/L ^③ , CT-2940/LE ^③ , CT-940CH ^③
LCAX4/0, LCDX4/0, LCDXN4/0, LCEX4/0, LCJX4/0	4/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO) ^⑦	1-1/16	—	CD-2001-4/0 Purple P54 (2)	CD-920-4/0 Purple P54 (1)
LCBX4/0, LCCX4/0			2-5/16		CD-2001-4/0 Purple P54 (3)	CD-920-4/0 Purple P54 (3)
LCAX250, LCAXN250, LCDX250, LCDXN250, LCEX250, LCJX250	250 kcmil	G, H, I, K, M	1-1/16	—	CD-2001-250 Yellow P62 (2)	CD-920-250 Yellow P62 (1)
LCBX250, LCCX250	262.6 kcmil	Locomotive (DLO)	2-5/16		CD-2001-250 Yellow P62 (3)	CD-920-250 Yellow P62 (3)
LCAX300, LCDX300, LCDXN300, LCEX300, LCJX300	300 kcmil	G, H, I, K, M	1-1/4	—	CD-2001-350 Red P71 (2)	CD-920-350 Red P71 (2)
	313.1 kcmil	Locomotive (DLO)			CD-2001-350 Red P71 (4)	CD-920-350 Red P71 (3)
LCBX300, LCCX300	300 kcmil	G, H, I, K, M	2-3/8	—	—	—
	313.1 kcmil	Locomotive (DLO)				
LCAX350, LCDX350, LCDXN350, LCEX350, LCJX350	350 kcmil	G, H, I, K, M	1-3/8	—	—	—
	373.7 kcmil	Locomotive (DLO)				
LCBX350, LCCX350	350 kcmil	G, H, I, K, M	2-9/16	—	—	—
	373.7 kcmil	Locomotive (DLO)				
LCAX450, LCDX450, LCDXN450, LCEX450, LCJX450	450 kcmil	G, H, I, K, M	1-7/16	—	—	—
	444.4 kcmil	Locomotive (DLO)				
LCBX450, LCCX450	450 kcmil	G, H, I, K, M	2-3/4	—	—	—
	444.4 kcmil	Locomotive (DLO)				
LCAX500, LCDX500, LCDXN500, LCEX500, LCJX500	500 kcmil	G, H, I, K, M	1-9/16	—	—	CD-920-500A Pink P99 (2)
LCBX500, LCCX500	535.3 kcmil	Locomotive (DLO)	2-15/16			CD-920-500A Pink P99 (4)
LCAX600, LCDX600, LCDXN600, LCEX600, LCJX600	600 kcmil	G, H, I	1-9/16	—	—	CD-920-500A Pink P99 (2)
LCAX650, LCDX650, LCDXN650, LCEX650, LCJX650	646.4 kcmil	Locomotive (DLO)	1-1/2			CD-940-750 ^④ Black P106 (2)
LCAX750, LCDX750, LCDXN750, LCEX750, LCJX750	777.7 kcmil	Locomotive (DLO)	1-3/4	—	—	CD-940-750X ^④ Yellow (2)

①The CT-1700 crimp die pockets are integrated into the tool frame.
 ②CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
 ③CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
 ⑦Does not include class M flex conductor with Thomas and Betts tools.

**For use with
Copper
Conductors**

Installation Tooling and Die Selections for: Types LCAX, LCAXN, LCBX, LCDX, LCDXN and LCCX (continued)

Thomas & Betts						Burndy			
TBM12	TBM8	TBM6, 25000	TBM6BSCR, TBM6H	TBM8-750, TBM8-750M-1	TBM14BSCR, TBM14M, TBM15	BCT500HS, Y500CT-HS	Y644M	Y35, Y39, Y750, Y46 [Ⓢ] , Y750-2, Y750BH, BAT35-14V, BAT750-14V, PAT750-18V	MRC840
Die Part Number/Color Code and Die Index Number (Number of Crimps)									
TBM12D-5 Purp/Olive 54 (1)	—	—	6TON54 Purple 54 (2)	STD (1)	15511 Purple 54 (2)	W28RT Purple 15 (2)	(1)	U28RT Purple 15 (1)	—
TBM12D-5 Purp/Olive 54 (4)	—	—	6TON54 Purple 54 (4)	STD (4)	15511 Purple 54 (4)	W28RT Purple 15 (4)	(3)	U28RT Purple 15 (3)	—
TBM12D-5 Yellow 62 (1)	—	—	6TON62 Yellow 62 (2)	STD (1)	15510-CK Yellow 62 (1)	W29RT Yellow 16 (2)	(1)	U29RT Yellow 16 (1)	—
TBM12D-5 Yellow 62 (3)	—	—	6TON62 Yellow 62 (4)	STD (4)	15510-CK Yellow 62 (2)	W29RT Yellow 16 (4)	(3)	U29RT Yellow 16 (3)	—
TBM12D-4 Red 71H [Ⓢ] (2)	—	—	6TON71 Red 71H [Ⓢ] (2)	STD (2)	15514-CK Red 71H [Ⓢ] (2)	W31RT Red 18 (2)	(1)	U31RT Red 18 (2)	—
TBM12D-4 Red 71H [Ⓢ] (4)	—	—	6TON71 Red 71H [Ⓢ] (4)	STD (4)	15514-CK Red 71H [Ⓢ] (4)	W31RT Red 18 (4)	(3)	U31RT Red 18 (4)	—
TBM12D-4 Blue 76H [Ⓢ] (2)	—	—	6TON76 Blue 76H [Ⓢ] (2)	STD (2)	15512 Blue 76H [Ⓢ] (2)	W32RT Blue 19 (3)	(1)	U32RT Blue 19 (2)	—
TBM12D-4 Blue 76H [Ⓢ] (4)	—	—	6TON76 Blue 76H [Ⓢ] (4)	STD (4)	15512 Blue 76H [Ⓢ] (4)	W32RT Blue 19 (4)	(3)	U32RT Blue 19 (4)	—
TBM12D-3 Brown 87H [Ⓢ] (2)	—	—	6TON87 Brown 87H [Ⓢ] (2)	STD (2)	15506 Brown 87H [Ⓢ] (2)	—	(1)	U34RT Brown 20 (2)	—
TBM12D-3 Brown 87H [Ⓢ] (4)	—	—	6TON87 Brown 87H [Ⓢ] (4)	STD (4)	15506 Brown 87H [Ⓢ] (4)	—	(4)	U34RT Brown 20 (4)	—
TBM12D-2 Pink 99H [Ⓢ] (2)	—	—	—	STD (2)	15505 Pink 99H [Ⓢ] (2)	—	(1)	U38XRT Pink L99 (2)	—
TBM12D-2 Pink 99H [Ⓢ] (4)	—	—	—	STD (4)	15505 Pink 99H [Ⓢ] (4)	—	(4)	U38XRT Pink L99 (4)	—
TBM12D-2 Pink 99H [Ⓢ] (2)	—	—	—	STD (2)	15505 Pink 99H [Ⓢ] (2)	—	(1)	U38RT Pink 400 (2)	—
TBM12D-2 Black 106H [Ⓢ] (2)	—	—	—	—	15515-CK Black 106H [Ⓢ] (2)	—	(1)	U39RT Black 24 (2)	—
TBM12D-1 Yellow 115H [Ⓢ] (2)	—	—	—	—	15504 Yellow 115H [Ⓢ] (2)	—	(1)	U44XRT Yellow L115 (2)	—

ⓈHalf width dies.

ⓈRequires U die adapter.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

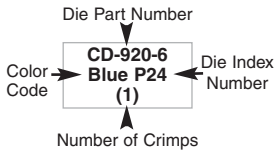
F. Index

For use with Copper Conductors

Installation Tooling and Die Selections for: Types LCAF, LCCF, and SCSF

How to read this chart

For LCAF6 Lug and CT-2931 crimping tool:



Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)

CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-920, CT-920CH, CT-2920, CT-940CH^①, CT-2940^①, CT-2940/L^①, CT-2940/LE^①

Die Part Number/Color Code and Die Index Number/ (Number Of Crimps)

Panduit Part Number	Std. Wire Size	Cable Classes	Wire Strip Length (In.)	Die Part Number/Color Code and Die Index Number/ (Number Of Crimps)	
				for LCAF, SCSF Parts	for LCCF Parts
LCAF8 LCCF8 SCSF8	#8 AWG	Locomotive (DLO)	13/16	CD-920-8 Red P21 (1)	
LCAF6 LCCF6 SCSF6			7/8	CD-920-6 Blue P24 (1)	CD-920-6 Blue P24 (2)
LCAF4 LCCF4 SCSF4			1-5/16 13/16		
LCAF2 LCCF2 SCSF2	7/8	CD-920-4 Gray P29 (1)	CD-920-4 Gray P29 (2)		
LCAF1 LCCF1 SCSF1	#4 AWG			K, M, Locomotive (DLO)	1-5/16 13/16
LCAF1/0 LCCF1/0 SCSF1/0	#2 AWG				
LCAF2/0 LCCF2/0 SCSF2/0	#1 AWG	K, M, Locomotive (DLO)	1-1/2 7/8		
LCAF3/0 LCCF3/0 SCSF3/0	1/0 AWG			K, M, Locomotive (DLO)	1-7/16 1-9/16 1-3/16
LCAF1/0 LCCF1/0 SCSF1/0					
LCAF2/0 LCCF2/0 SCSF2/0		K, M, Locomotive (DLO)	1-7/16 1-9/16 1-3/16		
LCAF3/0 LCCF3/0 SCSF3/0	K, M, Locomotive (DLO)			1-7/16 1-5/8 1-3/16	
LCAF4/0 LCCF4/0 SCSF4/0					4/0 AWG
LCAF4/0 LCCF4/0 SCSF4/0		K, M, Locomotive (DLO)	1-7/16 1-11/16 1-3/16		
LCAF4/0 LCCF4/0 SCSF4/0	K, M, Locomotive (DLO)			1-7/16 1-11/16 1-3/16	

① CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.

For use with
Copper
Conductors

Installation Tooling and Die Selections for: Types LCAF, LCCF, and SCSF (continued)

				Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)	
				CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-920, CT-920CH, CT-2920, CT-940CH ^① , CT-2940 ^① , CT-2940/L ^① , CT-2940/LE ^①	
				Die Part Number/Color Code and Die Index Number/ (Number Of Crimps)	
Panduit Part Number	Std. Wire Size	Cable Classes	Wire Strip Length (In.)	for LCAF, SCSF Parts	for LCCF Parts
L = Lug S = Splice					
LCAF250	250 kcmil 262.6 kcmil	K, M, Locomotive (DLO)	1-3/4	CD-920-300 White P66 (2)	CD-920-300 White P66 (3)
LCCF250			2-5/16		
SCSF250			1-3/16		
LCAF300	300 kcmil 313.1 kcmil	K, M, Locomotive (DLO)	1-3/4	CD-920-350 Red P71 (2)	CD-920-350 Red P71 (3)
LCCF300			2-3/8		
SCSF300			1-1/4		
LCAF350	350 kcmil 373.7 kcmil	K, M, Locomotive (DLO)	1-15/16	CD-920-400 Blue P76 (2)	CD-920-400 Blue P76 (3)
LCCF350			2-9/16		
SCSF350			1-1/2		
LCAF400	400 kcmil 444.4 kcmil	K, M, Locomotive (DLO)	2-1/4	CD-920-500 Brown P87 (2)	CD-920-500 Brown P87 (3)
LCCF400			2-3/4		
SCSF400			1-11/16		
LCAF500	500 kcmil 535.3 kcmil	K, M, Locomotive (DLO)	2-5/16	CD-920-500A Pink P99 (2)	CD-920-500A Pink P99 (3)
LCCF500			2-15/16		
SCSF500			1-5/8		
LCAF600 ^③	646.4 kcmil	Locomotive (DLO)	2-3/8	CD-920-750 Black P106 (2)	CD-920-750 Black P106 (3)
LCCF600 ^③			3		
SCSF600 ^③			1-5/8		
LCAF750 ^③	777.7 kcmil	Locomotive (DLO)	2-7/16	CD-940-800 ^② Orange P107 (2)	CD-940-800 ^② Orange P107 (4)
LCCF750 ^③			3-1/16		
SCSF750 ^③			1-5/8		

① CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.

② CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.

③ Can only be crimped with CT-940CH and CT-2940 tools.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

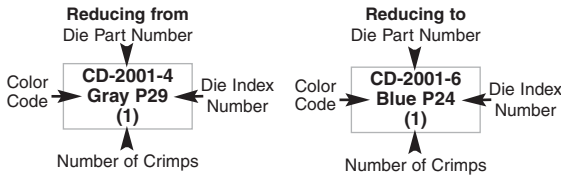
F. Index

For use with Copper Conductors

Installation Tooling and Die Selections for: Type RSC In-Line Reducing Splice

How to read this chart

For RSC4-6 splice and CT-2001 crimping tool:



Panduit Part Number	Reducing From			Reducing To		
	Standard Wire Size	Cable Classes	Wire Strip Length (In.)	Standard Wire Size	Cable Classes	Wire Strip Length (In.)
RSC4-6	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC2-6	#2 AWG	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC2-4	#2 AWG	B, C, Compact	1	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC1/0-6	1/0 AWG	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC1/0-4	1/0 AWG	B, C, Compact	1	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC2/0-6	2/0 AWG	B, C, Compact	1-1/16	#6 AWG	B, C, Compact	1-5/16
RSC2/0-4	2/0 AWG	B, C, Compact	1-1/16	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC4/0-6	4/0 AWG	B, C, Compact	1-1/16	#6 AWG	B, C, Compact	1-5/16
RSC4/0-4	4/0 AWG	B, C, Compact	1-1/16	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC4/0-1/0	4/0 AWG	B, C, Compact	1-1/16	1/0 AWG	B, C, Compact	1-9/16
RSC4/0-2/0	4/0 AWG	B, C, Compact	1-1/16	2/0 AWG	B, C, Compact	1-7/16
RSC500-X4/0	500 kcmil	B, C, Compact	1-7/8	4/0 AWG	I	1-7/16
RSC500-X350	500 kcmil	B, C, Compact	1-7/8	350 kcmil	I	1-7/8
RSC750-4/0	750 kcmil	B, C, Compact	2	4/0 AWG	B, C, Compact	1-5/8
RSC750-X4/0	750 kcmil	B, C, Compact	2	4/0 AWG	I	1-7/16
RSC750-X350	750 kcmil	B, C, Compact	2	350 kcmil	I	1-7/8
RSC750-500	750 kcmil	B, C, Compact	2	500 kcmil	B, C, Compact	1-7/8
RSC750-X500	750 kcmil	B, C, Compact	2	500 kcmil	I	2
RSC750-750	750 kcmil	B, C, Compact	2	750 kcmil	B, C, Compact	2
RSCX750-4/0	750 kcmil	I	2	4/0 AWG	B, C, Compact	1-5/8
RSCX750-750	750 kcmil	I	2	750 kcmil	B, C, Compact	2

For use with
Copper
Conductors

Installation Tooling and Die Selections for: Type RSC In-Line Reducing Splice (continued)

Panduit (See Compression Connector Tools Selection Guide, Pages D3.34–D3.36)							
CT-1700 ^①		CT-720		CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E		CT-930 ^⑤ , CT-930CH ^⑤ , CT-920 ^⑥ , CT-920CH ^⑥ , CT-2920 ^⑥ , CT-2940 ^③ , CT-2940/L ^③ , CT-2940/LE ^③ , CT-940CH ^③ , CT-2930 ^⑤ , CT-2930/L, CT-2930/LE ^⑤ , CT-2931 ^⑤	
Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To
Die Part Number/Color Code and Die Index Number/ (Number Of Crimps)							
Gray P29 (2)	Blue P24 (2)	CD-720-1 Gray P29 (1)	CD-720-1 Blue P24 (1)	CD-2001-4 Gray P29 (1)	CD-2001-6 Blue P24 (1)	CD-920-4 Gray P29 (1)	CD-920-6 Blue P24 (1)
Brown P33 (2)	Blue P24 (2)	CD-720-1 Brown P33 (1)	CD-720-1 Blue P24 (1)	CD-2001-2 Brown P33 (1)	CD-2001-6 Blue P24 (1)	CD-920-2 Brown P33 (1)	CD-920-6 Blue P24 (1)
Brown P33 (2)	Gray P29 (2)	CD-720-1 Brown P33 (1)	CD-720-1 Gray P29 (1)	CD-2001-2 Brown P33 (1)	CD-2001-4 Gray P29 (1)	CD-920-2 Brown P33 (1)	CD-920-4 Gray P29 (1)
—	—	CD-720-2 Pink P42 (1)	CD-720-1 Blue P24 (1)	CD-2001-1/0 Pink P42 (1)	CD-2001-6 Blue P24 (1)	CD-920-1/0 Pink P42 (1)	CD-920-6 Blue P24 (1)
—	—	CD-720-2 Pink P42 (1)	CD-720-1 Gray P29 (1)	CD-2001-1/0 Pink P42 (1)	CD-2001-4 Gray P29 (1)	CD-920-1/0 Pink P42 (1)	CD-920-4 Gray P29 (1)
—	—	CD-720-2 Black P45 (2)	CD-720-1 Blue P24 (1)	CD-2001-2/0 Black P45 (2)	CD-2001-6 Blue P24 (1)	CD-920-2/0 Black P45 (1)	CD-920-6 Blue P24 (1)
—	—	CD-720-2 Black P45 (2)	CD-720-1 Gray P29 (1)	CD-2001-2/0 Black P45 (2)	CD-2001-4 Gray P29 (1)	CD-920-2/0 Black P45 (1)	CD-920-4 Gray P29 (1)
—	—	CD-720-3 Purple P54 (2)	CD-720-1 Blue P24 (1)	CD-2001-4/0 Purple P54 (2)	CD-2001-6 Blue P24 (1)	CD-920-4/0 Purple P54 (1)	CD-920-6 Blue P24 (1)
—	—	CD-720-3 Purple P54 (2)	CD-720-1 Gray P29 (1)	CD-2001-4/0 Purple P54 (2)	CD-2001-4 Gray P29 (1)	CD-920-4/0 Purple P54 (1)	CD-920-4 Gray P29 (1)
—	—	CD-720-3 Purple P54 (2)	CD-720-2 Pink P42 (2)	CD-2001-4/0 Purple P54 (2)	CD-2001-1/0 Pink P42 (2)	CD-920-4/0 Purple P54 (1)	CD-920-1/0 Pink P42 (2)
—	—	CD-720-3 Purple P54 (2)	CD-720-2 Black P45 (2)	CD-2001-4/0 Purple P54 (2)	CD-2001-2/0 Black P45 (2)	CD-920-4/0 Purple P54 (1)	CD-920-2/0 Black P45 (2)
—	—	CD-720-7 Brown P87 (2)	CD-720-3 Yellow P62 (2)	CD-2001-500 Brown P87 (3)	CD-2001-250 Yellow P62 (2)	CD-920-500 Brown P87 (2)	CD-920-250 Yellow P62 (2)
—	—	CD-720-7 Brown P87 (2)	CD-720-6 Blue P76 (2)	CD-2001-500 Brown P87 (3)	CD-2001-400 Blue P76 (3)	CD-920-500 Brown P87 (2)	CD-920-400 Blue P76 (2)
—	—	—	—	—	—	CD-920-750, CD-940-750 ^④ Black P106 (2)	CD-920-4/0 Purple P54 (1)
—	—	—	—	—	—	CD-920-750, CD-940-750 ^④ Black P106 (2)	CD-920-250 Yellow P62 (1)
—	—	—	—	—	—	CD-920-750, CD-940-750 ^④ Black P106 (2)	CD-920-400 Blue P76 (2)
—	—	—	—	—	—	CD-920-750, CD-940-750 ^④ Black P106 (2)	CD-920-500 Brown P87 (2)
—	—	—	—	—	—	CD-920-750, CD-940-750 ^④ Black P106 (2)	CD-920-500A Pink P99 (2)
—	—	—	—	—	—	CD-920-750, CD-940-750 ^④ Black P106 (2)	CD-920-750, CD-940-750 Black P106 (2)
—	—	—	—	—	—	CD-940-750X ^④ Yellow P115 (2)	CD-920-4/0 Purple P54 (1)
—	—	—	—	—	—	CD-940-750X ^④ Yellow P115 (2)	CD-940-750 ^④ Black P106 (2)

①The CT-1700 crimp die pockets are integrated into the tool frame.
 ②CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
 ③CD-940 dies to be used with CT-940CH and CT-2940 tools.
 ④Maximum conductor size: 500 kcmil class I and 750 kcmil class I, B, C, Compact.
 ⑤Maximum conductor size: 250 kcmil class I and 400 kcmil class I, B, C, Compact.

For Burndy tooling, see pages D3.78 – D3.79
 For Thomas and Betts tooling, see pages D3.80 – D3.81

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

**For use with
Copper
Conductors**

Installation Tooling and Die Selections for: Type RSC In-Line Reducing Splice (continued)

Panduit Part Number	Reducing From			Reducing To		
	Standard Wire Size	Cable Classes	Wire Strip Length (In.)	Standard Wire Size	Cable Classes	Wire Strip Length (In.)
RSC4-6	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC2-6	#2 AWG	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC2-4	#2 AWG	B, C, Compact	1	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC1/0-6	1/0 AWG	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC1/0-4	1/0 AWG	B, C, Compact	1	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC2/0-6	2/0 AWG	B, C, Compact	1-1/16	#6 AWG	B, C, Compact	1-5/16
RSC2/0-4	2/0 AWG	B, C, Compact	1-1/16	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC4/0-6	4/0 AWG	B, C, Compact	1-1/16	#6 AWG	B, C, Compact	1-5/16
RSC4/0-4	4/0 AWG	B, C, Compact	1-1/16	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC4/0-1/0	4/0 AWG	B, C, Compact	1-1/16	1/0 AWG	B, C, Compact	1-9/16
RSC4/0-2/0	4/0 AWG	B, C, Compact	1-1/16	2/0 AWG	B, C, Compact	1-7/16
RSC500-X4/0	500 kcmil	B, C, Compact	1-7/8	4/0 AWG	I	1-7/16
RSC500-X350	500 kcmil	B, C, Compact	1-7/8	350 kcmil	I	1-7/8
RSC750-4/0	750 kcmil	B, C, Compact	2	4/0 AWG	B, C, Compact	1-5/8
RSC750-X4/0	750 kcmil	B, C, Compact	2	4/0 AWG	I	1-7/16
RSC750-X350	750 kcmil	B, C, Compact	2	350 kcmil	I	1-7/8
RSC750-500	750 kcmil	B, C, Compact	2	500 kcmil	B, C, Compact	1-7/8
RSC750-X500	750 kcmil	B, C, Compact	2	500 kcmil	I	2
RSC750-750	750 kcmil	B, C, Compact	2	750 kcmil	B, C, Compact	2
RSCX750-4/0	750 kcmil	I	2	4/0 AWG	B, C, Compact	1-5/8
RSCX750-750	750 kcmil	I	2	750 kcmil	B, C, Compact	2

For use with
Copper
Conductors

Installation Tooling and Die Selections for: Type RSC In-Line Reducing Splice (continued)

Burndy					
Y1MR, Y2MR		Y1MRTC		Y35, Y35BH, Y39, Y39BH, Y45, Y46, Y750, Y750HS, Y750-2, Y750BH-2, BAT35, BAT750, PAT644, PAT750	
Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To
Die Part Number/Color Code and Die Index Number/ (Number of Crimps)					
Gray (2)	Blue (3)	White (2)	Blue (3)	U4CR Gray 8 (1)	U5CRT Blue 7 (1)
Brown (2)	Blue (3)	Brown (2)	Blue (3)	U2CRT Brown 10 (1)	U5CRT Blue 7 (1)
Brown (2)	Gray (3)	Brown (2)	White (3)	U2CRT Brown 10 (1)	U4CRT Gray 8 (1)
—	—	—	—	U25RT Pink 12 (1)	U5CRT Blue 7 (1)
—	—	—	—	U25RT Pink 12 (1)	U4CRT Gray 8 (1)
—	—	—	—	U26RT Black 13 (1)	U5CRT Blue 7 (1)
—	—	—	—	U26RT Black 13 (1)	U4CRT Gray 8 (1)
—	—	—	—	U28RT Purple 15 (1)	U5CRT Blue 7 (1)
—	—	—	—	U28RT Purple 15 (1)	U4CRT Gray 8 (1)
—	—	—	—	U28RT Purple 15 (1)	U25RT Pink 12 (2)
—	—	—	—	U28RT Purple 15 (1)	U26RT Black 13 (1)
—	—	—	—	U34RT Brown 20 (2)	U29RT Yellow 16 (1)
—	—	—	—	U34RT Brown 20 (2)	U32RT Blue 19 (2)
—	—	—	—	U39RT Black 24 (3)	U28RT Purple 15 (1)
—	—	—	—	U39RT Black 24 (3)	U29RT Yellow 16 (1)
—	—	—	—	U39RT Black 24 (3)	U32RT Blue 19 (2)
—	—	—	—	U39RT Black 24 (3)	U34RT Brown 20 (2)
—	—	—	—	U39RT Black 24 (3)	U38XRT Pink L99 (3)
—	—	—	—	U39RT Black 24 (3)	U39RT Black 24 (3)
—	—	—	—	—	—
—	—	—	—	—	—

For Panduit tooling, see pages D3.76 – D3.77
For Thomas and Betts tooling, see pages D3.80 – D3.81

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

**For use with
Copper
Conductors**

Installation Tooling and Die Selections for: Type RSC In-Line Reducing Splice (continued)

Panduit Part Number	Reducing From			Reducing To		
	Standard Wire Size	Cable Classes	Wire Strip Length	Standard Wire Size	Cable Classes	Wire Strip Length
RSC4-6	#4 – #3 AWG STR #2 AWG Solid	B, C, Compact	1	6 AWG	B, C, Compact	1-5/16
RSC2-6	#2 AWG	B, C, Compact	1	6 AWG	B, C, Compact	1-5/16
RSC2-4	#2 AWG	B, C, Compact	1	4-3 AWG 2 Solid	B, C, Compact	1-5/16
RSC1/0-6	1/0 AWG	B, C, Compact	1	6 AWG	B, C, Compact	1-5/16
RSC1/0-4	1/0 AWG	B, C, Compact	1	4 – 3 AWG 2 Solid	B, C, Compact	1-5/16
RSC2/0-6	2/0 AWG	B, C, Compact	1-1/16	6 AWG	B, C, Compact	1-5/16
RSC2/0-4	2/0 AWG	B, C, Compact	1-1/16	4 – 3 AWG 2 Solid	B, C, Compact	1-5/16
RSC4/0-6	4/0 AWG	B, C, Compact	1-1/16	6 AWG	B, C, Compact	1-5/16
RSC4/0-4	4/0 AWG	B, C, Compact	1-1/16	4 – 3 AWG 2 Solid	B, C, Compact	1-5/16
RSC4/0-1/0	4/0 AWG	B, C, Compact	1-1/16	1/0 AWG	B, C, Compact	1-9/16
RSC4/0-2/0	4/0 AWG	B, C, Compact	1-1/16	2/0 AWG	B, C, Compact	1-7/16
RSC500-X4/0	500 kcmil	B, C, Compact	1-7/8	4/0 AWG	I	1-7/16
RSC500-X350	500 kcmil	B, C, Compact	1-7/8	350 kcmil	I	1-7/8
RSC750-4/0	750 kcmil	B, C, Compact	2	4/0 AWG	B, C, Compact	1-5/8
RSC750-X4/0	750 kcmil	B, C, Compact	2	4/0 AWG	I	1-7/16
RSC750-X350	750 kcmil	B, C, Compact	2	350 AWG	I	1-7/8
RSC750-500	750 kcmil	B, C, Compact	2	500 kcmil	B, C, Compact	1-7/8
RSC750-X500	750 kcmil	B, C, Compact	2	500 kcmil	I	2
RSC750-750	750 kcmil	B, C, Compact	2	750 kcmil	B, C, Compact	2
RSCX750-4/0	750 kcmil	I	2	4/0 AWG	B, C, Compact	1-5/8
RSCX750-750	750 kcmil	I	2	750 kcmil	B, C, Compact	2

For use with
Copper
Conductors

Installation Tooling and Die Selections for: Type RSC In-Line Reducing Splice (continued)

Thomas & Betts							
TBM20S, TBM25S		TBM5, TBM6, TBM8		TBM12, 13642M		TBM14BSCR, BPLT14BSCR, 13100A, TBM14M	
Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To
Color Code/Die Index Number/ (Number of Crimps)							
Gray 29 (2)	Blue 24 (3)	Gray 29 (1)	Blue 24 (1)	Gray 29 (1)	Blue 24 (1)	Gray 29 (1)	Blue 24 (1)
Brown 33 (2)	Blue 24 (3)	Brown 33 (1)	Blue 24 (1)	Brown 33 (1)	Blue 24 (1)	Brown 33 (1)	Blue 24 (1)
Brown 33 (2)	Gray 29 (3)	Brown 33 (1)	Gray 29 (1)	Brown 33 (1)	Gray 29 (1)	Brown 33 (1)	Gray 29 (1)
—	—	Pink 42 (1)	Blue 24 (1)	Pink 42 (1)	Blue 24 (1)	Pink 42H [®] (2)	Blue 24 (1)
—	—	Pink 42 (1)	Gray 29 (1)	Pink 42 (1)	Gray 29 (1)	Pink 42H [®] (2)	Gray 29 (1)
—	—	Black 45 (2)	Blue 24(1)	Black/Gold 45 (1)	Blue 24 (1)	Black 45 (1)	Blue 24 (1)
—	—	Black 45 (2)	Gray 29 (1)	Black/Gold 45 (1)	Gray 29 (1)	Black 45 (1)	Gray 29 (1)
—	—	Purple 54 (2)	Blue 24 (1)	Purple/Olive 54 (1)	Blue 24 (1)	Olive 54H [®] (2)	Blue 24 (1)
—	—	Purple 54 (2)	Gray 29 (1)	Purple/Olive 54 (1)	Gray 29 (1)	Olive 54H [®] (2)	Gray 29 (1)
—	—	Purple 54 (2)	Pink 42 (2)	Purple/Olive 54 (1)	Pink 42 (2)	Olive 54H [®] (2)	Pink 42H [®] (4)
—	—	Purple 54 (2)	Black 45 (2)	Purple/Olive 54 (1)	Black/Gold 45 (1)	Olive 54H [®] (2)	Black 45 (1)
—	—	—	—	Brown 87H [®] (2)	Yellow 62 (1)	Brown 87H [®] (2)	Yellow 62 (1)
—	—	—	—	Brown 87H [®] (2)	Blue 76H [®] (2)	Brown 87H [®] (2)	Blue 76 (1)
—	—	—	—	Black/Orange 106H [®] (2)	Purple/Olive 54 (1)	Black 106H [®] (2)	Olive 54H [®] (2)
—	—	—	—	Black/Orange 106H [®] (2)	Yellow 62 (1)	Black 106H [®] (2)	Yellow 62 (1)
—	—	—	—	Black/Orange 106H [®] (2)	Blue 76H [®] (2)	Black 106H [®] (2)	Blue 76 (1)
—	—	—	—	Black/Orange 106H [®] (2)	Brown 87H [®] (2)	Black 106H [®] (2)	Brown 87H [®] (2)
—	—	—	—	Black/Orange 106H [®] (2)	Pink 99H (2)	Black 106H [®] (2)	Pink 99H (2)
—	—	—	—	Black/Orange 106H [®] (2)	Black/Orange 106H [®] (2)	Black 106H [®] (2)	Black 106H [®] (2)
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—

®Half width dies.

For Panduit tooling, see pages D3.76 – D3.77
For Burndy tooling, see pages D3.78 – D3.79

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

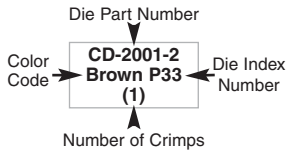
F. Index

For use with Copper Conductors

Installation Tooling and Die Selections for: Type PSC

How to read this chart

For PSCBRN-L parallel splice and CT-2001 crimping tool:



Panduit Crimping Tool Part Number (See Compression Connector Tools Selection Guide, pages D3.34 – D3.36)

Panduit Splice Part Number	Wire Strip Length (In.)	Uni-Die™ Dieless CT-980, CT-980CH, CT-2950, CT-2980, CT-2980/L, CT-2980/LE, CT-2981	CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E	CT-920, CT-930, CT-2940*, CT-2940/L*, CT-2940/LE*, CT-920CH, CT-930CH, CT-940CH*, CT-2920, CT-2930, CT-2930/L, CT-2930/LE, CT-2931
		Die Part Number/Color Code and Die Index Number/(Number of Crimps)		
PSCRED-L	7/16	—	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)
PSCBLU-L	7/16	—	CD-2001-6 Blue P24 (1)	CD-920-6 Blue P24 (1)
PSCGRY-L	7/16	(1)	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
PSCBRN-L	11/16	(1)	CD-2001-2 Brown P33 (1)	CD-920-2 Brown P33 (1)
PSCGRN-L	11/16	(1)	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)
PSCPNK-L	11/16	(1)	CD-2001-1/0 Pink P42 (1)	CD-920-1/0 Pink P42 (1)
PSCBLK-Q	7/8	(1)	CD-2001-2/0 Black P45 (1)	CD-920-2/0 Black P45 (1)
PSCORG-Q	7/8	(1)	CD-2001-3/0 Orange P50 (1)	CD-920-3/0 Orange P50 (1)
PSCPUR-Q	1	(1)	CD-2001-4/0 Purple P54 (1)	CD-920-4/0 Purple P54 (1)
PSCYEL-Q	1 1/16	(1)	CD-2001-250 Yellow P62 (1)	CD-920-250 Yellow P62 (1)

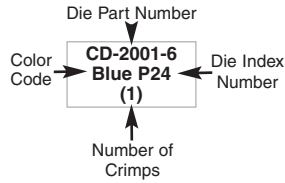
*CD-920 dies can be used with CT-940CH and CT-2940 tools with the CD-940-DA die adapter.

For use with
Copper
Conductors

Installation Tooling and Die Selections for: Types LCMA, LCMD, and SCMS

How to read this chart

For LCMA16
lug and CT-2001
crimping tool:



Panduit Tool P/N Die Part Number/Color Code and Die Index Number (Number of Crimps)

Panduit Part Number	Wire Size	Wire Type	Wire Strip Length (mm)	Current Rating	CT-100, CT-200, CT-1570 (Manual)	CT-600 (Air)	CT-1701 (Manual)	CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E	CT-930LPCH***, CT-920, CT-920CH, CT-2931, CT-2920, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-940CH*, CT-2940*, CT-2940/L*, CT-2940/LE*
LCMA6, LCMD6	4-6mm ²	Class 2R	11.0 11.0	30A	22-10 (1)	CT-570CH 12-10 (1)	P10 (1)	—	—
LCMA10, LCMD10, SCMS10	10mm ²	Class 2R	12.5 12.5 16.5	— — 50A	—	—	—	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)
LCMA16, LCMD16, SCMS16	16mm ²	Class 2R	16.0 16.0 19.0	65A	—	—	—	CD-2001-6 Blue P24 (1)	CD-920-6 Blue P24 (1)
LCMA25, LCMD25, SCMS25	25mm ²	Class 2R	16.5 16.5 19.5	—	—	—	—	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
LCMA35, LCMD35, SCMS35	35mm ²	Class 2R	19.0 19.0 19.5	—	—	—	—	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
LCMA50, LCMD50, SCMS50	50mm ²	Class 2R	21.8 21.8 26.0	—	—	—	—	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)
LCMA70, LCMD70, SCMS70	70mm ²	Class 2R	24.8 24.8 27.5	—	—	—	—	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (2)
LCMA95, LCMD95, SCMS95	95mm ²	Class 2R	26.0 26.0 28.5	—	—	—	—	CD-2001-4/0 Purple P54 (2)	CD-920-4/0 Purple P54 (2)
LCMA120, LCMD120, SCMS120	120mm ²	Class 2R	26.0 26.0 30.0	—	—	—	—	CD-2001-250 Yellow P62 (2)	CD-920-250 Yellow P62 (2)
LCMA150, LCMD150, SCMS150	150mm ²	Class 2R	29.0 29.0 30.0	—	—	—	—	CD-2001-300 White P66 (2)	CD-920-300 White P66 (2)
LCMA185, LCMD185, SCMS185	185mm ²	Class 2R	29.7 29.7 32.0	—	—	—	—	CD-2001-400 Blue P76 (2)	CD-920-400 Blue P76 (2)
LCMA240, LCMD240, SCMS240	240mm ²	Class 2R	36.5 36.5 37.5	—	—	—	—	CD-2001-500 Brown P87 (2)	CD-920-500 Brown P87 (2)
LCMA300, LCMD300, SCMS300	300mm ²	Class 2R	41.8 41.8 39.0	—	—	—	—	—	CD-920-600 Green P94 (2)
LCMA400, LCMD400, SCMS400	400mm ²	Class 2R	46.3 46.3 49.0	—	—	—	—	—	CD-920-750 CD-940-750** Black P106(2)
LCMA500, LCMD500, SCMS500	500mm ²	Class 2R	48.0 48.0 49.5	—	—	—	—	—	CD-940-1000** White P125 (3)
LCMA630, LCMD630, SCMS630	630mm ²	Class 2R	57.7 57.7 67.0	—	—	—	—	—	CD-940-1000** White P125 (4)

*CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.

**CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.

***Maximum size: 120mm lugs and splices.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

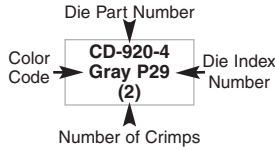
F. Index

For use with Copper or Aluminum Conductors

Installation Tooling and Die Selections for: Types LAA, LAB, and SA

How to read this chart

For LAA6 and CT-2931 crimping tool:



Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)

Panduit Part Number L = Lug S = Splice	Std. Wire Size	Wire Strip Length (In.)	Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)		
			CT-1700 ^①	CT-720	CT-930, CT-930CH, CT-920, CT-920CH, CT-2920, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2940 ^③ , CT-2940/L ^③ , CT-2940/LE ^③ , CT-940CH ^③
Die Part Number/Color Code and Die Index Number/(Number Of Crimps)					
LAA6	#6 AWG	1	Gray P29 (5)	CD-720-1 Gray P29 (2)	CD-920-4 Gray P29 (2)
SA6		3/4			
LAA4	#4 AWG	1-1/16	Green P37 (5)	CD-720-2 Green P37 (2)	CD-920-1 Green P37 (2)
SA4		7/8			
LAA2	#2 AWG	1	—	CD-720-2 Pink P42 (2)	CD-920-1/0 Pink P42 (2)
SA2		7/16			
LAA1	#1 AWG	1	—	CD-720-2 Gold P45 (3)	CD-920-2/0 Gold P45 (2)
SA1		7/16			
LAA1/0	1/0 AWG	1-9/16	—	CD-720-2 Tan P50 (3)	CD-920-3/0 Tan P50 (2)
LAB1/0					
SA1/0		1			
LAA2/0	2/0 AWG	1-9/16	—	CD-720-3 Olive P54 (3)	CD-920-4/0 Olive P54 (2)
LAB2/0					
SA2/0		1-1/8			
LAA3/0	3/0 AWG	1-9/16	—	CD-720-3 Ruby P60 (4)	CD-920-250 Ruby P60 (2)
LAB3/0					
SA3/0		1-1/4			
LAA4/0	4/0 AWG	1-3/4	—	CD-720-4 White P66 (4)	CD-920-300 White P66 (2)
LAB4/0					
SA4/0		1-5/16			
LAA250	250 kcmil	1-3/4	—	CD-720-5 Red P71 (4)	CD-920-350 Red P71 (2)
LAB250					
SA250		1-7/16			
LAA300	300 kcmil	2-5/16	—	CD-720-6 Blue P76 (4)	CD-920-400 Blue P76 (2)
LAB300					
SA300		1-1/2			
LAA350	350 kcmil	2-5/16	—	CD-720-7 Brown P87 (4)	CD-920-500 Brown P87 (2)
LAB350					
SA350		1-5/8			
LAA400	400 kcmil	2-9/16	—	—	CD-920-600 Green P94 (4)
LAB400					
SA400		1-13/16			
LAA500	500 kcmil	3-1/16	—	—	CD-920-500A Pink P99 (4)
LAB500					
SA500		1-7/8			
LAA600	600 kcmil	3-1/16	—	—	CD-920-750, CD-940-750 ^④ Black P106 (4)
LAB600					
SA600		2			
LAA750	750 kcmil	3-7/16	—	—	CD-940-750A ^④ Red P125 (4)
LAB750					
SA750		2-1/4			
LAA800	800 kcmil	3-7/16	—	—	CD-940-800A ^④ Gray P140 (4)
LAB800					
SA800		2-5/16			
LAA1000	1000 kcmil	4-3/4	—	—	CD-940-1000A ^④ Brown P161 (4)
LAB1000					
SA1000		2-9/16			

①The CT-1700 crimp die pockets are integrated into the tool frame.

③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA die adapter. Maximum size splice is 250 kcmil with CT-920, CT-920CH, and CT-2920 tools.

④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.

For use with
Copper or
Aluminum
Conductors

Installation Tooling and Die Selections for: Types LAA, LAB, and SA (continued)

Panduit Part Number L = Lug S = Splice	Std. Wire Size	Wire Strip Length (In.)	Thomas & Betts			Burdny				Anderson
			TBM5	TBM8	TBM15, TBMISI, TBMISBSCR	MY29	Y35	Y39	Y45, Y46	VC8
			Die Part Number/Color Code and Die Index Number/(Number of Crimps)							
LAA6	#6 AWG	1	Gray 29	Gray 29	Gray 29	6AL	U6CABT Gray 346	U6CABT Gray 346	U6CABT Gray 346	STD
SA6		3/4	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(1)
LAA4	#4 AWG	1-1/16	Green 37	Green 37	Green 37	4AL	U4CABT Green 375	U4CABT Green 375	U4CABT Green 375	STD
SA4		7/8	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(1)
LAA2	#2 AWG	1	Pink 42	Pink 42	Pink 42	2AL	U2CABT Pink 348	U2CABT Pink 348	U2CABT Pink 348	STD
SA2		7/16	(3)	(3)	(2)	(1)	(2)	(2)	(2)	(1)
LAA1	#1 AWG	1	Gold 45	Gold 45	Gold 45	1AL	U1CART Gold 471	U1CART Gold 471	U1CART Gold 471	STD
SA1		7/16	(3)	(3)	(2)	(1)	(2)	(2)	(2)	(1)
LAA1/0	1/0 AWG	1-9/16	Tan 50	Tan 50	Tan 50	1/0AL	U25ART Tan 298	U25ART Tan 298	U25ART Tan 298	STD
LAB1/0		1	(3)	(3)	(2)	(1)	(2)	(2)	(2)	(2)
SA1/0										
LAA2/0	2/0 AWG	1-9/16	Olive 54	Olive 54	Olive 54	2/0AL	U26ART Olive 297	U26ART Olive 297	U26ART Olive 297	STD
LAB2/0		1-1/8	(3)	(3)	(3)	(2)	(2)	(2)	(2)	(2)
SA2/0										
LAA3/0	3/0 AWG	1-9/16	Ruby 60	Ruby 60	Ruby 60	3/0AL	U27ART Ruby 467	U27ART Ruby 467	U27ART Ruby 467	STD
LAB3/0		1-1/4	(4)	(4)	(2)	(2)	(2)	(2)	(2)	(2)
SA3/0										
LAA4/0	4/0 AWG	1-3/4	—	White 66	White 66	4/0AL	U28ART White 298	U28ART White 298	U28ART White 298	STD
LAB4/0		1-5/16	—	(4)	(2)	(2)	(2)	(2)	(2)	(2)
SA4/0										
LAA250	250 kcmil	1-3/4	—	Red 71	Red 71H [Ⓜ]	—	U29ART Red 324	U29ART Red 324	U29ART Red 324	STD
LAB250		1-7/16	—	(4)	(4)	—	(2)	(2)	(2)	(2)
SA250										
LAA300	300 kcmil	2-5/16	—	Blue 76	Blue 76	—	U30ART Blue 470	U30ART Blue 470	U30ART Blue 470	STD
LAB300		1-1/2	—	(4)	(2)	—	(2)	(2)	(2)	(2)
SA300										
LAA350	350 kcmil	2-5/16	—	Brown 87	Brown 87H [Ⓜ]	—	U31ART Brown 299	U31ART Brown 299	U31ART Brown 299	STD
LAB350		1-5/8	—	(4)	(4)	—	(2)	(2)	(2)	(2)
SA350										
LAA400	400 kcmil	2-9/16	—	—	Green 94H [Ⓜ]	—	U32ART Green 472	U32ART Green 472	U32ART Green 472	—
LAB400		1-13/16	—	—	(4)	—	(4)	(4)	(4)	—
SA400										
LAA500	500 kcmil	3-1/16	—	—	Pink 99H [Ⓜ]	—	U34ART Pink 300	U34ART Pink 300	U34ART Pink 300	—
LAB500		1-7/8	—	—	(4)	—	(4)	(4)	(4)	—
SA500										
LAA600	600 kcmil	3-1/16	—	—	Black 106	—	U36ART Black 473	U36ART Black 473	U36ART Black 473	—
LAB600		2	—	—	(3)	—	(4)	(4)	(4)	—
SA600										
LAA750	750 kcmil	3-7/16	—	—	Yellow 115H [Ⓜ]	—	—	S39ART Red 301	S39ART Red 301	—
LAB750		2-1/4	—	—	(4)	—	—	(4)	(4)	—
SA750										
LAA800	800 kcmil	3-7/16	—	—	125H [Ⓜ]	—	—	Gray 474	Gray 474	—
LAB800		2-5/16	—	—	(4)	—	—	(4)	(4)	—
SA800										
LAA1000	1000 kcmil	4-3/4	—	—	161	—	—	S44ART Brown 302	S44ART Brown 302	—
LAB1000		2-9/16	—	—	(5)	—	—	(4)	(4)	—
SA1000										

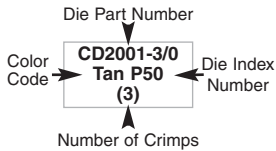
ⓂHalf width dies.

- A. System Overview
- B1. Cable Ties
- B2. Cable Accessories
- B3. Stainless Steel Ties
- C1. Wiring Duct
- C2. Surface Raceway
- C3. Abrasion Protection
- C4. Cable Management
- D1. Terminals
- D2. Power Connectors
- D3. Grounding Connectors
- E1. Labeling Systems
- E2. Labels
- E3. Pre-Printed & Write-On Markers
- E4. Permanent Identification
- E5. Lockout/Tagout & Safety Solutions
- F. Index

For use with Copper or Aluminum Conductors

Installation Tooling and Die Selections for: Type SAR

How to read this chart
For SAR2-4 splice and CT-2001 crimping tool:



Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)						
CT-720	CT-2001, CT-2001L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E	CT-920, CT-920CH, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-930LPCH, CT-2920, CT-940CH^②, CT-2940^②, CT-2940/L^②, CT-2940/LE^②				
Die Part Number/Color Code and Die Index Number/ (Number Of Crimps)						
SAR2-4	#2 AWG	#4 AWG	2-1/16	CD-720-2 Tan P50 (3)	CD-2001-3/0 Tan P50 (3)	CD-920-3/0 Tan P50 (2)
SAR1/0-2	1/0 AWG	#2 AWG	2-1/16	CD-720-2 Tan P50 (3)	CD-2001-3/0 Tan P50 (3)	CD-920-3/0 Tan P50 (2)
SAR3/0-1/0	3/0 AWG	1/0 AWG	2-5/16	CD-720-5 Red P71 (3)	CD-2001-350 Red P71 (4)	CD-920-350 Red P71 (2)
SAR4/0-2/0	4/0 AWG	2/0 AWG	2-3/16	CD-720-5 Red P71 (3)	CD-2001-350 Red P71 (4)	CD-920-350 Red P71 (2)
SAR350-4/0	350 kcmil	4/0 AWG	3-3/16	CD-720-7 Brown P87 (4)	—	CD-920-500 Brown P87 (4)
SAR500-350	500 kcmil	350 kcmil	4-1/4	—	—	CD-920-500A Pink P99 (4)
SAR600-500	600 kcmil	500 kcmil	4	—	—	CD-920-750, CD-940-750 ^③ Black P106 (4)
SAR750-600	750 kcmil	600 kcmil	4-7/16	—	—	CD-940-750 ^③ Red P125 (4)

②CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA die adapter. Maximum size splice is 250 kcmil with Panduit CT-920, CT-920CH and CT-2920 tools and Burndy Y35, Y35BH and BAT35 tools.
 ③CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.

For use with
Copper or
Aluminum
Conductors

Installation Tooling and Die Selections for: Type SAR (continued)

Thomas & Betts			Burndy			Anderson
TBM5	TBM8	TBM15, TBM15I, TBM15BSCR	MY29	Y35, Y39, Y750, Y750-HS, BAT35, BAT750, PAT750, Y35BH, Y39BH, Y750BH, Y750-2, Y750BH-2	Y45, Y46	VC6
Die Part Number/Color Code and Die Index Number/ (Number of Crimps)						
Tan 50 (3)	Tan 50 (3)	Tan 50 (2)	1/0 AL (1)	U25ART Tan 296 (2)	U25ART Tan 296 (2)	STD (1)
Tan 50 (3)	Tan 50 (3)	Tan 50 (2)	1/0 AL (1)	U25ART Tan 296 (2)	U25ART Tan 296 (2)	STD (1)
—	Red 71 (4)	Red 71H ^① (4)	—	U29ART Red 324 (2)	U29ART Red 324 (2)	STD (2)
—	Red 71 (4)	Red 71H ^① (4)	—	U29ART Red 324 (2)	U29ART Red 324 (2)	STD (2)
—	Brown 87 (4)	Brown 87H ^① (4)	—	U31ART Brown 299 (2)	U31ART Brown 299 (2)	STD (2)
—	—	Pink 99H ^① (4)	—	U34ART Pink 300 (4)	U34ART Pink 300 (4)	—
—	—	Black 106 (3)	—	U36ART Black 473 (4)	U36ART Black 473 (4)	—
—	—	Yellow 115H ^① (4)	—	—	P39ART Red 301 (4)	—

①Half width dies.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

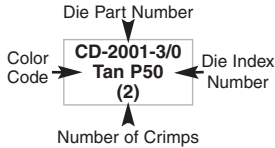
F. Index

For use with Copper or Aluminum Conductors

Installation Tooling and Die Selections for: Type BPC

How to read this chart

For BPC6 connector and CT-2001 crimping tool:



Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)

CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E

CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-920, CT-920CH, CT-2940^②, CT-2940/L^②, CT-2940/LE^②, CT-2920, CT-940CH^②

Panduit Part Number	Standard Wire Size	Wire Strip Length (In.)	Die Part Number/Color Code and Die Index Number/(Number Of Crimps)		
			CT-720	CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E	CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-920, CT-920CH, CT-2940 ^② , CT-2940/L ^② , CT-2940/LE ^② , CT-2920, CT-940CH ^②
BPC6	#6 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-2001-3/0 Tan P50 (2)	CD-920-3/0 Tan P50 (2)
BPC4	#4 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-2001-3/0 Tan P50 (2)	CD-920-3/0 Tan P50 (2)
BPC2	#2 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-2001-3/0 Tan P50 (2)	CD-920-3/0 Tan P50 (2)
BPC1	#1 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-2001-3/0 Tan P50 (2)	CD-920-3/0 Tan P50 (2)
BPC1/0	1/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (2)
BPC2/0	2/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (2)
BPC3/0	3/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (2)
BPC4/0	4/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (2)
BPC250	250 kcmil	1-7/16	—	—	CD-920-600 Green P94 (2)
BPC300	300 kcmil	1-7/16	—	—	CD-920-600 Green P94 (2)
BPC350	350 kcmil	1-7/16	—	—	CD-920-600 Green P94 (2)
BPC400	400 kcmil	1-7/16	—	—	CD-920-750, CD-940-750 ^③ Black P106 (2)
BPC500	500 kcmil	1-7/16	—	—	CD-920-750, CD-940-750 ^③ Black P106 (2)
BPC600	600 kcmil	1-15/16	—	—	CD-940-750A ^③ Red P125 (2)
BPC750	750 kcmil	1-15/16	—	—	CD-940-750A ^③ Red P125 (2)

②CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA die adapter. Maximum size splice is 250 kcmil with CT-920, CT-920CH, and CT-2920 tools.

③CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.

For use with
Copper or
Aluminum
Conductors

Installation Tooling and Die Selections for: Type BPC (continued)

Thomas & Betts			Burndy	
13642M	TBM8	TBM15, TBM15I, TBM15BSCR	Y35, BAT35	Y39, Y45, Y46, Y39BH
Die Part Number/Color Code and Die Index Number/(Number of Crimps)				
Orange 50 (2)	Tan 50 (2)	Orange 50 (2)	U25ART Tan 296 (2)	U25ART Tan 296 (2)
Orange 50 (2)	Tan 50 (2)	Orange 50 (2)	U25ART Tan 296 (2)	U25ART Tan 296 (2)
Orange 50 (2)	Tan 50 (2)	Orange 50 (2)	U25ART Tan 296 (2)	U25ART Tan 296 (2)
Orange 50 (2)	Tan 50 (2)	Orange 50 (2)	U25ART Tan 296 (2)	U25ART Tan 296 (2)
Blue 76H ^① (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
Blue 76H ^① (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
Blue 76H ^① (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
Blue 76H ^① (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
Pink 99H ^① (2)	Brown 87 (3)	Brown 87H ^① (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)
Pink 99H ^① (2)	Brown 87 (3)	Brown 87H ^① (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)
Pink 99H ^① (2)	Brown 87 (3)	Brown 87H ^① (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)
Black 106H ^① (3)	—	Black 106H ^① (3)	U34ART Pink 300 (3)	U34ART Pink 300 (3)
Black 106H ^① (3)	—	Black 106H ^① (3)	U34ART Pink 300 (3)	U34ART Pink 300 (3)
Yellow 115H ^① (3)	—	Yellow 115H ^① (3)	—	U39ART-2 Yellow 936 (3)
Yellow 115H ^① (3)	—	Yellow 115H ^① (3)	—	U39ART-2 Yellow 936 (3)

① Half width dies.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

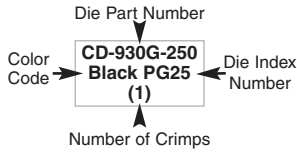
F. Index

For use with Copper Conductors

Installation Tooling and Die Selections for: Types GCE, GCC and GPC

How to read this chart

For GCE250-1/0 and CT-2930 tool:



Installation Tools		
12 TON	14 TON	15 TON
Panduit		
CT-2931	CT-930 CT-930CH CT-2930 CT-2930/L CT-2930/LE	CT-940CH CT-2940 CT-2940/L CT-2940/LE
Burndy		
Y750, Y750-2, Y750BH, Y750BH-2, BAT750-14V, PAT750-18V, PAT750C-18V, PAT750XT-18V, PAT750CX-18V, LPHY750	—	Y46, Y46C, LPHY46
Thomas & Betts		
	TBM14M, TBM14MC, 13100A, TBM14RH, TBM14BSCR, BPLT14BSCRI	TBM15 TBM15BSCR
Panduit Crimp Die Part Number/Color Code/Die Index Number/(Number of Crimps)		
CD-930G-1/0		
Red		
PG10		
(1)		
CD-930G-250		
Black		
PG25		
(1)		
CD-930G-250		
Black		
PG25		
(1)		
CD-930G-500		
Blue		
PG50		
(1)		
CD-930G-500		
Blue		
PG50		
(1)		

Panduit Part Number	Element	Copper Conductor Size Range	Ground Rod Size (In.)	Rebar Size (In.)
GCE1/0-1/0	Main	#6 AWG SOL – 1/0 AWG STR	—	—
	Tap	#6 AWG SOL – 1/0 AWG STR	—	—
GCC6X61/0-1/0	A	#6 AWG SOL – 1/0 AWG STR	—	—
	B	#6 AWG SOL – 1/0 AWG STR	—	—
GCE250-1/0	Main	1/0 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4
	Tap	#6 AWG SOL – 1/0 AWG STR	—	—
GCC6X6250-1/0	A	#2 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4
	B	#6 AWG SOL – 1/0 AWG STR	—	—
GCE250-250	Main	1/0 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4
	Tap	1/0 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4
GCE6X6250-250	A	#2 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4
	B	#2 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4
GPC4H250-2		#2 AWG SOL – 250 kcmil	—	—
GCE500-1/0	Main	250 – 500 kcmil	1/2 – 3/4	5/8 – 3/4, #5 – #6
	Tap	#6 AWG SOL – 1/0 AWG STR	—	—
GCC6X6500-1/0	A	250 – 500 kcmil	1/2 – 3/4	5/8 – 3/4, #5 – #6
	B	#6 AWG SOL – 1/0 AWG STR	—	—
GCE500-250	Main	250 – 500 kcmil	1/2 – 3/4	5/8 – 3/4, #5 – #6
	Tap	1/0 AWG SOL – 250 kcmil	—	—
GCC6X6500-250	A	250 – 500 kcmil	1/2 – 3/4	5/8 – 3/4, #5 – #6
	B	#2 AWG SOL – 250 kcmil	—	—

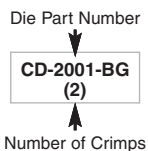
15 ton tools require the CD-940-DA adapter when used with CD-930G series crimping dies. Panduit crimping dies must be used with all tooling (Panduit and competitor).

**For use with
Copper
Conductors**

Installation Tooling and Die Selections for: Type CTAP

**How to read
this chart**

For
CTAPF4-6 tap
and CT-2001
crimping tool:



Panduit Part Number	Conductor Size		Wire Strip Length (In.)	Panduit		Burdny	
	Main	Tap		CT-920, CT-920CH, CT-930, CT-2920, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-940CH ^① , CT-2940 ^① , CT-2940/L ^① , CT-2940/LE ^①	CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E	MD6, MD7	BAT35, BAT750, PAT750, Y35, Y35BH, Y39, Y39BH, Y45, Y46, Y750, Y750HS, Y750BH
Crimp Die Number/Index Number or Color Code/(Number Of Crimps)							
CTAP4-8	#6 – #4 AWG SOL or STR	#8 AWG SOL or STR	3/4	CD-920-BG (1)	CD-2001-BG (1)	W-BG (1) BG (2)	U-BG (1)
CTAP4-6	#6 AWG STR, #4 AWG SOL or STR	#6 AWG SOL or STR	3/4	CD-920-BG (1)	CD-2001-BG (2)	W-BG (1) BG (2)	U-BG (1)
CTAP4-4	#4 AWG SOL or STR	#4 AWG STR	3/4	CD-920-BG (1)	CD-2001-BG (1)	W-BG (1) BG (2)	U-BG (1)
CTAP2-4	#2 AWG SOL or STR	#8 – #4 AWG SOL or STR	7/8	CD-920-C (1)	CD-2001-C (2)	W-C Brown (2)	U-C (1)
CTAP2-2	#2 AWG SOL or STR	#2 AWG SOL or STR	7/8	CD-920-C (1)	CD-2001-C (2)	W-C Brown (2)	U-C (1)
CTAP2/0-2	1/0 – 2/0 AWG	#8 – #2 AWG SOL or STR	1-1/16	CD-920-0 Green (1)	—	—	U-O (1) U-E (3)
CTAP2/0-2/0	1/0 – 2/0 AWG STR	1/0 – 2/0 AWG STR	1-1/16	CD-920-0 Green (1)	—	—	U-O (1) U-E (3)
CTAP4/0-2	3/0 – 4/0 AWG STR	#6 – #2 AWG SOL or STR	1-1/4	CD-920-D3 Blue (1)	—	—	U-F (2) U-D3 (1)
CTAP4/0-2/0	3/0 – 4/0 AWG STR	1/0 – 2/0 AWG STR	1-1/4	CD-920-D3 Blue (1)	—	—	U-F (2) U-D3 (1)
CTAP4/0-4/0	3/0 – 4/0 AWG STR	3/0 – 4/0 AWG STR	1-1/4	CD-920-D3 Blue (1)	—	—	U-F (2) U-D3 (1)

^①CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.

A.
System
Overview

B1.
Cable
Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

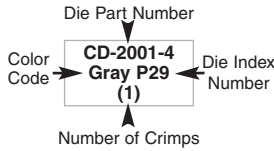
- A. System Overview
- B1. Cable Ties
- B2. Cable Accessories
- B3. Stainless Steel Ties
- C1. Wiring Duct
- C2. Surface Raceway
- C3. Abrasion Protection
- C4. Cable Management
- D1. Terminals
- D2. Power Connectors
- D3. Grounding Connectors
- E1. Labeling Systems
- E2. Labels
- E3. Pre-Printed & Write-On Markers
- E4. Permanent Identification
- E5. Lockout/Tagout & Safety Solutions
- F. Index

For use with Copper Conductors

Installation Tooling and Die Selections for: Type CTAPF

How to read this chart

For CTAPF6-12 tap and CT-2001 crimping tool:



Panduit Part Number	Stranded Wire Size		Panduit			
	Main	Tap	1700 ^①	CT-920, CT-920CH, CT-2920, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-940CH ^② , CT-2940 ^② , CT-2940/L ^② , CT-2940/LE ^②	CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001E	
Die Part Number/Color Code and Die Index Number/ (Number of Crimps)						
CTAPF10-16	#14 AWG	#16 – #14 AWG	Red P21 (2)	—	—	CD-2001-8 Red P21 (1)
	#12 AWG	#16 – #12 AWG				
	#10 AWG	#14 AWG				
CTAPF8-12	#10 AWG	#10 AWG	Blue P24 (2)	—	—	CD-2001-6 Blue P24 (1)
	#8 AWG	#12 AWG				
CTAPF6-12	#8 AWG	#8 – #12 AWG	Gray P29 (2)	—	—	CD-2001-4 Gray P29 (1)
	#6 AWG	#12 – #10 AWG				
CTAPF4-12	#6 AWG	#8 – #6 AWG	Brown P33 (4)	CDM-920-2 Brown P33M (1)	CDM-2001-2 Brown P33M (1)	CD-2001-2 Brown P33 (2)
	#5, #4 AWG	#12 – #8 AWG				
CTAPF3-12	#5, #4 AWG	#6 – #5 AWG	Green P37 (4)	CDM-920-1 Green P37M (1)	CDM-2001-1 Green P37M (1)	CD-2001-1 Green P37 (2)
	#3 AWG	#12 – #6 AWG				
CTAPF2-12	#4 AWG	#4 AWG	—	CDM-920-1/0 Pink P42M (1)	CDM-2001-1/0 Pink P42M (1)	CD-2001-1/0 Pink P42 (2)
	#3 AWG	#5 AWG				
	#2 AWG	#12 – #6 AWG				
CTAPF1-12	#3 AWG	#4 – #3 AWG	—	CDM-920-2/0 Black P45M (1)	CDM-2001-2/0 Black P45M (2)	CD-2001-2/0 Black P45 (3)
	#2 AWG	#5 – #4 AWG				
	#1 AWG	#12 – #5 AWG				
CTAPF1/0-12	#2 AWG	#4 – #2 AWG	—	CDM-920-3/0 Orange P50M (1)	CDM-2001-3/0 Orange P50M (2)	CD-2001-3/0 Orange P50 (3)
	#1 AWG	#4 – #3 AWG				
	1/0 AWG	#12 – #4 AWG				
CTAPF2/0-12	#1 AWG	#2 – #1 AWG	—	CDM-920-4/0 Purple P54M (1)	—	CD-2001-4/0 Purple P54 (3)
	1/0 AWG	#3 – #2 AWG				
	2/0 AWG	#12 – #3 AWG				
CTAPF3/0-12	1/0 AWG	#1 – 1/0 AWG	—	CDM-920-250 Yellow P62M (1)	—	CD-2001-250 Yellow P62 (3)
	2/0 AWG	#2 – #1 AWG				
	3/0 AWG	#12 – #2 AWG				

①The CT-1700 crimp die pockets are integrated into the tool frame.
 ②CDM-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.

For use with
Copper
Conductors

Installation Tooling and Die Selections for: Type CTAPF (continued)

Panduit Part Number	Stranded Wire Size		Burndy		Thomas & Betts
	Run	Tap	Y35, Y39, Y45, Y46, Y750BH-2 Y750, BAT35, BAT750, Y35BH, Y39BH, Y750BH, Y750HS, PAT750, Y750-2	Y500CT-HS, BCT500-HS, BCT500, Y500CT	TBM8-750, TBM8-750M-1, TBM8-750BSCR
			Die Part Number/Color Code and Die Index Number/ (Number of Crimps)		
CTAPF10-16	#14 AWG	#16 – #14 AWG	—	—	—
	#12 AWG	#16 – #12 AWG	—	—	—
	#10 AWG	#14 AWG	—	—	—
CTAPF8-12	#10 AWG	#10 AWG	—	—	—
	#8 AWG	#12 AWG	—	—	—
CTAPF6-12	#8 AWG	#8 – #12 AWG	—	—	—
	#6 AWG	#12 – #10 AWG	—	—	—
CTAPF4-12	#6 AWG	#8 – #6 AWG	UC4 Brown 10M (1)	WC4 Brown 10M (1)	TBM8-750C20 (1)
	#5, #4 AWG	#12 – #8 AWG	—	—	—
CTAPF3-12	#5, #4 AWG	#6 – #5 AWG	—	—	TBM8-750C2530 (1)
	#3 AWG	#12 – #6 AWG	—	—	—
CTAPF2-12	#4 AWG	#4 AWG	UC2 Pink 12M (1)	WC2 Pink 12M (1)	TBM8-750C2530 (1)
	#3 AWG	#5 AWG	—	—	—
	#2 AWG	#12 – #6 AWG	—	—	—
CTAPF1-12	#3 AWG	#4 – #3 AWG	UC1 Black 13M (1)	WC1 Black 13M (2)	TBM8-750C3540 (1)
	#2 AWG	#5 – #4 AWG	—	—	—
	#1 AWG	#12 – #5 AWG	—	—	—
CTAPF1/0-12	#2 AWG	#4 – #2 AWG	UC25 Orange 14M (1)	WC25 Orange 14M (2)	TBM8-750C3540 (1)
	#1 AWG	#4 – #3 AWG	—	—	—
	1/0 AWG	#12 – #4 AWG	—	—	—
CTAPF2/0-12	#1 AWG	#2 – #1 AWG	—	—	TBM8-750C4550 (1)
	1/0 AWG	#3 – #2 AWG	—	—	—
CTAPF3/0-12	2/0 AWG	#12 – #3 AWG	—	—	—
	1/0 AWG	#1 – 1/0 AWG	—	—	TBM8-750C4550 (1)
	2/0 AWG	#2 – #1 AWG	—	—	—
	3/0 AWG	#12 – #2 AWG	—	—	—

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

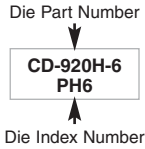
F. Index

For use with Copper Conductors

Installation Tooling and Die Selections for: Type HTCT

How to read this chart

For HTCT6X-6X tap and CT-2931 crimping tool:



Installation Tools		
15 TON	14 TON	12 TON
Panduit		
CT-940CH ^① CT-2940 ^① CT-2940/L ^① CT-2940/LE ^①	CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE	CT-920, CT-920CH, CT-2920, CT-2931, CT-2931/E
Burndy		
Y46 ^① Y46C ^①	—	Y35, Y35-2, Y35BH, Y35BH-4, Y750, Y39, Y39BH, Y750-2, Y750BH, Y750BH-2, Y750HS, BAT35, BAT750, BAT750C, PAT750, PAT750C
Thomas & Betts		
TBM15I, TBM15BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	—
Panduit Crimp Die Part Number/Die Index Number (Number of Crimps = 1)		
HTCT6X-6X	HTCT2-2	HTCT250-2
HTCT250-250		

Panduit Part Number	Copper Conductor Sizes (Code Cable)				Copper Conductor Sizes (Flex Cable) Types G, H, I, K, M and Locomotive (DLO)				Crimp Die Color Code	Die Part Number/Die Index Number (Number of Crimps = 1)
	Run	Tap 1	Tap 2	Tap 3	Main	Tap 1	Tap 2	Tap 3		
HTCT6X-6X	#6-#14 AWG	#6-#14 AWG	—	—	#6-#10 AWG	#6-#14 AWG	—	—	Orange	CD-920H-6 PH6
HTCT2-2	#2-#6 AWG	#2-#6 AWG	#8-#14 AWG	#8-#14 AWG	#2-#8 AWG	#2-#8 AWG	#8-#14 AWG	#8-#14 AWG	Brown	CD-920H-2 PH2
HTCT250-2	250 kcmil -#2 AWG	#2-#6 AWG	#8-#14 AWG	—	4/0-#2 AWG	#2-#8 AWG	#8-#14 AWG	—	Purple	CD-930H-250 PH25
HTCT250-250	250 kcmil -#2 AWG	250 kcmil -#2 AWG	—	—	4/0-#2 AWG	4/0-#2 AWG	—	—	Purple	CD-930H-250 PH25

①CD-920H and CD-930H dies can be used with CT-940CH and CT-2940 Panduit tools and Y46 and Y46C Burndy tools with CD-940-DA adapter. Panduit crimping dies must be used with all tooling (Panduit and competitor) to maintain UL/CSA certifications for applications up to 600 V.