

## 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.

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## 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.

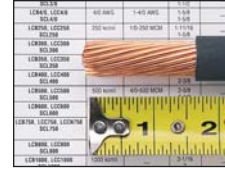
- Panduit compression connectors are identified with the proper conductor size and conductor type marked on the tongue or barrel of the connector

• 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 OUR DYE TOOLS (SEE NOTE)	WIRE STRIP LENGTH (IN.)	CD-TYPE
LOG SPALICE	6 AWG	---	3/4	RED P24 (3)
LCB, LCC, SCL	6 AWG	---	1-1/16	---
LCB, LCC, SCL	6 AWG	---	1-1/4	BLUE P24 (3)
LCB4, LCC4, LCC4-12*** SCL4	2 AWG SCL, 4-6 AWG SCL	4 AWG	1-1/8	GRAY P29 (3)
LCB2, LCC2, SCL2	2 AWG	6-2 AWG	1-1/4	BROWN P33 (3)
LCB1, LCC1, SCL1	1 AWG	6-1 AWG	1-1/4	GREEN P37 (3)
LCB1B, LCC1B, SCL1B	1/0 AWG	6-1/0 AWG	1-1/2	---
LCB2B, LCC2B, SCL2B	2/0 AWG	4-2/0 AWG	1-5/8	---
LCB3B, LCC3B, SCL3B	3/0 AWG	2-3/0 AWG	1-9/16	---

### 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.

### 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.

### 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

MIN. PLS (3)	LC	MIN. PLS (3)
CD-920-2/0	STD	CD-2001-2/0
ACK P45 (3)	(2)	BLACK P45 (3)
CD-920-3/0	STD	CD-2001-3/0
ANGE P50 (3)	(2)	ORANGE P50 (3)
CD-920-4/0	STD	CD-2001-4/0
RPLE P54 (3)	(2)	PURPLE P54 (3)
CD-920-550	STD	CD-2001-550
LOW P62 (3)	(3)	YELLOW P62 (3)
CD-920-300	STD	CD-2001-300
HTE P66 (3)	(3)	WHITE P66 (3)
CD-920-250	STD	CD-2001-250
RED P71 (3)	(3)	RED P71 (3)
CD-920-400	STD	CD-2001-400



conductor entry at the end of 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.

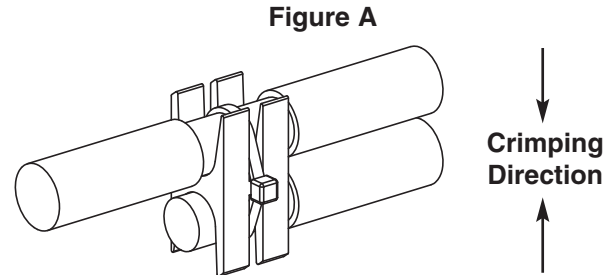
\* See tool charts on pages D3.56 – D3.94.



## 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.**



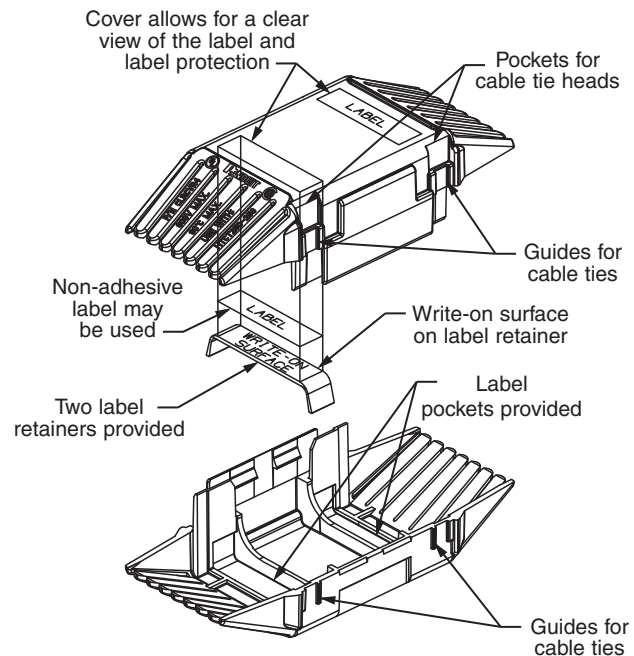
### HTAP Cover Installation

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.**

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## Selection Guide – Compression Connector Tools

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)																		
			CT-930CH – 14 ton (pg. D3.45)																		
			CT-930LPCH – 10.5 ton (pg. D3.48)																		
		Remote Crimp Heads	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)																		

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



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## 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

## 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

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

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

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D1. Terminals

## Cable Stripping Tool for Large Cable Sizes

D2. Power 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

D3. Grounding Connectors



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"> <li>• Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor</li> <li>• Copper compression lugs and splices for #8 AWG – 600 kcmil flex conductor</li> <li>• StructuredGround™ Direct Burial Compression Grounding System Connectors for #6 AWG – 250 kcmil code conductor and select 500 kcmil conductor combinations</li> <li>• Copper compression CTAPF taps for #10 – 3/0 AWG code conductor</li> <li>• Copper compression CTAP taps for #8 – 4/0 AWG code conductor</li> <li>• Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor</li> <li>• Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor</li> <li>• Panduit® Pan-Term® Tubular Terminals for #8 AWG – 250 kcmil code conductor</li> </ul> <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.



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## 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"> <li>• Copper compression lugs and splices for #8 AWG – 500 kcmil code conductor</li> <li>• Copper compression lugs for #8 AWG – 373 kcmil flex conductor</li> <li>• Copper compression CTAPF taps for #10 – 3/0 AWG code conductor</li> <li>• Copper compression CTAP taps for #8 – #2 AWG code conductor</li> <li>• Copper compression S Series Pan-Term® Tubular Terminals for #8 AWG – 250 kcmil code conductor</li> <li>• Copper compression lugs and splices for 10mm² – 240mm² class 2R conductor</li> </ul> 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  Tool includes: <ul style="list-style-type: none"> <li>• Two Milwaukee® M18™ XC high capacity lithium-ion 18VDC rechargeable batteries</li> <li>• One Milwaukee® battery charger</li> <li>• 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*</li> </ul>	1
CT-3001/E	230 VAC		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"> <li>• Copper compression lugs and splices for #8 AWG – 500 kcmil code conductor</li> <li>• Copper compression lugs for #8 AWG – 373 kcmil flex conductor</li> <li>• Copper compression S Series, Pan-Term™ Tubular Terminals for #8 – 250 kcmil code conductor</li> <li>• Copper compression lugs and splices for 10mm<sup>2</sup> – 240mm<sup>2</sup> class 2R conductor</li> <li>• Copper compression CTAPF taps for #10 – 3/0 AWG code conductor</li> <li>• Copper compression CTAP taps for #8 – #2 AWG code conductor</li> </ul> <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"> <li>• Two Milwaukee® M18™ XC high capacity lithium-ion 18VDC rechargeable batteries</li> <li>• One Milwaukee® battery charger</li> <li>• One shoulder strap</li> <li>• 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*</li> <li>• Tool incorporates D3 die pocket</li> </ul>	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.



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## 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



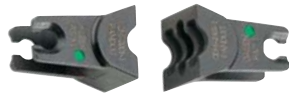
CD-2001

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 <sup>2</sup>	1
CD-2001-6	Blue P24	#6 AWG	#6 AWG	16mm <sup>2</sup>	1
CD-2001-4	Gray P29	#4 AWG STR #3 AWG STR #2 AWG SOL	#4 AWG #5, #4, #3 AWG DLO flex	25mm <sup>2</sup> 35mm <sup>2</sup>	1
CD-2001-2	Brown P33	#2 AWG	#2 AWG	—	1
CD-2001-1	Green P37	#1 AWG	#1 AWG	50mm <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	1
CD-2001-250	Yellow P62	250 kcmil	250 kcmil flex 262 kcmil flex	120mm <sup>2</sup>	1
CD-2001-300	White P66	300 kcmil	—	150mm <sup>2</sup>	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 <sup>2</sup>	1
CD-2001-500	Brown P87	500 kcmil	—	240mm <sup>2</sup>	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	

### 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



CDM-2001



## 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	<p>Terminates Panduit compression connectors:</p> <ul style="list-style-type: none"> <li>• Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor</li> <li>• Copper compression lugs for #8 AWG – 600 kcmil flex conductor</li> <li>• Copper compression S Series, Pan-Term™ Tubular Terminals for #8 AWG – 250 kcmil code conductor</li> <li>• Copper compression lugs and splices for 10mm<sup>2</sup> – 400mm<sup>2</sup> class 2R conductor</li> <li>• StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 250 kcmil code conductor and select 500 kcmil conductor combinations</li> <li>• Copper compression CTAPF taps for #10 – 3/0 AWG code conductor</li> <li>• Copper compression CTAP taps for #8 – 4/0 AWG code conductor</li> <li>• Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14-4/0 AWG flex conductor</li> <li>• Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor</li> </ul> <p>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</p>	1
CT-2930/LE	230 VAC	<p>Tool includes:</p> <ul style="list-style-type: none"> <li>• Two Milwaukee® M18™ XC high capacity lithium-ion 18VDC rechargeable batteries</li> <li>• One Milwaukee® battery charger</li> <li>• One shoulder strap</li> <li>• 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*</li> </ul>	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.

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## 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"> <li>• Copper compression lugs and splices for #8 AWG – 1000 kcmil code conductor</li> <li>• Copper compression lugs for #8 AWG – 777.7 kcmil flex conductor</li> <li>• Copper compression S Series, Pan-Term™ Tubular Terminals for #8 – 250 kcmil code conductor</li> <li>• Copper compression lugs and splices for 10mm<sup>2</sup> – 630mm<sup>2</sup> class 2R conductor</li> <li>• StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 500 kcmil code conductor</li> <li>• Copper compression CTAPF taps for #10 – 3/0 AWG code conductor</li> <li>• Copper compression CTAP taps for #8 – 4/0 AWG code conductor</li> <li>• Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor</li> <li>• Aluminum compression lugs and splices for #6 AWG – 1000 kcmil code conductor</li> </ul>	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"> <li>• Two Milwaukee® M18™ XC high capacity lithium-ion 18VDC rechargeable batteries</li> <li>• One Milwaukee® battery charger</li> <li>• One shoulder strap</li> <li>• Plastic tool case with storage for tool, batteries, charger, shoulder strap and crimping dies</li> </ul>	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"> <li>• Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor</li> <li>• Copper compression lugs for #8 AWG – 600 kcmil flex conductor</li> <li>• Copper compression S Series, Pan-Term™ Tubular Terminals for #8 AWG – 250 kcmil code conductor</li> <li>• Copper compression lugs and splices for 10mm<sup>2</sup> – 400mm<sup>2</sup> class 2R conductor</li> <li>• StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 250 kcmil code conductor and select 500 kcmil conductor combinations</li> <li>• Copper compression CTAPF taps for #10 – 3/0 AWG code conductor</li> <li>• Copper compression CTAP taps for #8 – 4/0 AWG code conductor</li> <li>• Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14-4/0 AWG flex conductor</li> <li>• Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor</li> </ul> <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:                      • 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. 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.

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## 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

B3. Stainless Steel Ties

- 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

- 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-940CH	<p>Terminates Panduit Compression Connectors:</p> <ul style="list-style-type: none"> <li>Copper compression lugs and splices for #8 AWG – 1000 kcmil code conductor</li> <li>Copper compression lugs for #8 AWG – 777.7 kcmil flex conductor</li> <li>Copper compression S Series, Pan-Term™ Tubular Terminals for #8 – 250 kcmil code conductor</li> <li>Copper compression lugs and splices for 10mm<sup>2</sup> – 630mm<sup>2</sup> class 2R conductor</li> <li>StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 500 kcmil code conductor</li> <li>Copper compression CTAPF taps for #10 – 3/0 AWG code conductor</li> <li>Copper compression CTAP taps for #8 – 4/0 AWG code conductor</li> <li>Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor</li> <li>Aluminum compression lugs and splices for #6 AWG – 1000 kcmil code conductor</li> </ul> <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.

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C2. Surface Raceway

C3. Abrasion Protection

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## 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

## 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

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 – 120mm<sup>2</sup> 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.

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

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E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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## 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-900LPHPH



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-900LPHPH 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-900LPHPH	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.

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## CD-920 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-920-8	Red P21	#8 AWG	#8 AWG	#8 AWG	10mm <sup>2</sup>	—	—	1
CD-920-6	Blue P24	#6 AWG	#6 AWG	#6 AWG	16mm <sup>2</sup>	—	—	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 <sup>2</sup> 35mm <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	Olive P54	2/0 AWG	1
CD-920-250	Yellow P62	250 kcmil	250 kcmil flex 262 kcmil flex	4/0 AWG	120mm <sup>2</sup>	Ruby P62	3/0 AWG	1
CD-920-300	White P66	300 kcmil	—	250 kcmil 262 kcmil	150mm <sup>2</sup>	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 <sup>2</sup>	Blue P76	300 kcmil	1
CD-920-500	Brown P87	500 kcmil	444 kcmil flex 450 kcmil flex	444 kcmil 450 kcmil	240mm <sup>2</sup>	Brown P87	350 kcmil	1
CD-920-600	Green P94	600 kcmil	—	—	300mm <sup>2</sup>	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 <sup>2</sup>	Black P106	600 kcmil	1



CD-920



CD-930H



CD-930G

Part Number	Used to Install Panduit Tap Part Numbers			Std. Pkg. Qty.
	Copper Die Color and Die No.	Copper Tap	No. of Crimps	
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

Part Number	Used to Install StructuredGround™ Direct Burial Grounding Connector Part Numbers			Std. Pkg. Qty.
	Copper Die Color and Die No.	Copper Tap		
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 <sup>2</sup>	—	—	1
CD-940-800	Orange P107	800 kcmil	—	777 kcmil	—	—	—	1
CD-940-1000	White P125	1000 kcmil	—	—	500mm <sup>2</sup> 630mm <sup>2</sup>	—	—	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

## 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  
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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	Terminates Panduit Compression Connectors: • Copper compression lugs and splices for #4 AWG – 750 kcmil code conductor  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  Tool includes: • 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.

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B3. Stainless Steel Ties

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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	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.  Use with Panduit CT-901HP hydraulic pump and CT-900HPH 10' hydraulic hose.*  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  CT-980CH includes: • Tool • Steel tool case • Supplied with female Parker type quick-connect fitting assembled to tool	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	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.  Use with Panduit CT-8250HP hydraulic pump and CT-900LPHPH 10' hydraulic hose.*  Specifications: Output: 4.7 tons Weight: 6.5 lbs. Length: 10.5" with coupler Height: 5.3" Width: 2.5" Warranty: 5 years  CT-980LPCH includes: • Tool • Steel tool case • Supplied with male Parker type quick-connect fitting assembled to tool	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.



## 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

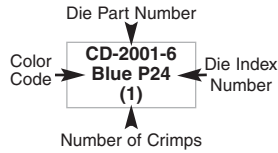


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**For use with Copper Conductors**

## 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
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Panduit Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (In.)	Die Part Number/Color Code and Die Index Number/(Number Of Crimps)							
			CT-1700 <sup>①</sup>	CT-720	CT-920, CT-920CH, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-930LPCH, CT-2931, CT-2940 <sup>③</sup> , CT-2940/L <sup>③</sup> , CT-2940/LE <sup>③</sup> , CT-2920, CT-940CH <sup>③</sup>	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
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	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)
LCAS6	#6 AWG	9/16	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)
SCSS6		7/16		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)
LCAS4	#4 AWG	5/8	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)
SCSS4		7/16		—	CD-720-2 Pink P42 (1)	CD-920-1/0 Pink P42 (1)	(1)	CD-2001-1/0 Pink P42 (1)	—	Pink 42 (1)
LCAS2	#2 AWG	5/8	—	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		9/16		—	CD-720-2 Orange P50 (2)	CD-920-3/0 Orange P50 (1)	(1)	CD-2001-3/0 Orange P50 (2)	—	Orange 50 (2)
LCAS1	#1 AWG	11/16	—	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)
SCSS1		—		—	CD-720-3 Yellow P62 (2)	CD-920-250 Yellow P62 (1)	(1)	CD-2001-250 Yellow P62 (2)	—	Yellow 62 (2)
LCAS1/0	1/0 AWG	3/4	—	—	—	—	—	—	—	—
SCSS1/0		11/16		—	—	—	—	—	—	—
LCAS2/0	2/0 AWG	3/4	—	—	—	—	—	—	—	—
SCSS2/0		—		—	—	—	—	—	—	—
LCAS3/0	3/0 AWG	7/8	—	—	—	—	—	—	—	—
SCSS3/0		3/4		—	—	—	—	—	—	—
LCAS4/0	4/0 AWG	1	—	—	—	—	—	—	—	—
SCSS4/0		13/16		—	—	—	—	—	—	—
LCAS250	250 kcmil	1-1/8	—	—	—	—	—	—	—	—
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.



Request Info



For use with  
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## 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 <sup>④</sup>	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 <sup>②</sup> (2)	STD (1)	Pink 42H <sup>②</sup> (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 <sup>②</sup> (2)	STD (1)	Purple 54H <sup>②</sup> (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.

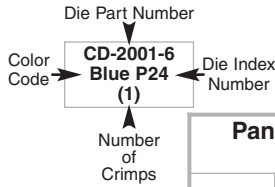
④Minimum size: #4 AWG lugs and splices.

**For use with Copper Conductors**

## Installation Tooling and Die Selections for: Types LCA, LCA<sub>N</sub>, LCD, LCD<sub>N</sub> 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.)	CT-1570	CT-1701 <sup>①</sup>	CT-1700 <sup>①</sup>	CT-720	CT-920, CT-920CH, CT-930, CT-930CH, CT-930LPCH <sup>Ⓞ</sup> , CT-2920, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-940CH <sup>Ⓞ</sup> , CT-2940 <sup>Ⓞ</sup> , CT-2940/L <sup>Ⓞ</sup> , CT-2940/LE <sup>Ⓞ</sup>	Uni-Die™ Dieless CT-980, CT-2980, CT-2980/L, CT-2980/LE, CT-980LPCH <sup>Ⓞ</sup> , CT-980CH, CT-2950 <sup>Ⓞ</sup> , 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 <sub>N</sub> 8 LCD8 LCD <sub>N</sub> 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 <sub>N</sub> 6 LCD6 LCD <sub>N</sub> 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 <sub>N</sub> 4 LCD4 LCD <sub>N</sub> 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 <sub>N</sub> 2 <sup>Ⓞ</sup> LCD2 LCD <sub>N</sub> 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 <sub>N</sub> 1 LCD1 LCD <sub>N</sub> 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 <sub>N</sub> 1/0 LCD1/0 LCD <sub>N</sub> 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 <sub>N</sub> 2/0 LCD2/0 LCD <sub>N</sub> 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 <sub>N</sub> 3/0 LCD3/0 LCD <sub>N</sub> 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  
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## Installation Tooling and Die Selections for: Types LCA, LCA<sub>N</sub>, LCD, LCD<sub>N</sub> 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 <sup>Ⓣ</sup> (2)	STD (1)	Pink 42H <sup>Ⓣ</sup> (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

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D1. Terminals

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**For use with Copper Conductors**

## Installation Tooling and Die Selections for: Types LCA, LCA, LCD, LCDN 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 <sup>⑥</sup> , CT-2920, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-940CH <sup>③</sup> , CT-2940 <sup>③</sup> , CT-2940/L <sup>③</sup> , CT-2940/LE <sup>③</sup>	CT-980, CT-2980, CT-2980/L, CT-2980/LE, CT-980LPCH <sup>⑥</sup>	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)	
LCA4/0										LCD4/0
SCS4/0		1								
LCA250		250 kcmil								1-5/16
LCA250	LCD250		LCDN250							
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 <sup>②</sup> (1)
LCA300		LCD300								
SCS300		1-1/16								
LCA350		350 kcmil	1-1/2							
LCA350	LCD350			LCDN350						
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 <sup>②</sup> (2)
LCA400		LCD400								
SCS400		1-3/16								
LCA500		500 kcmil	1-13/16							
LCA500	LCD500			LCDN500						
SCS500	1-3/8									
LCA600	600 kcmil		1-13/16	—	CD-920-600 Green P94 (2)	250 – 600 kcmil (2)	—	—	—	Green 94H <sup>②</sup> (2)
LCA600		LCD600								
SCS600		1-3/8								
LCA750		750 kcmil	1-15/16							
LCA750	LCD750			LCDN750						
SCS750	1-5/8									
LCD1000	1000 kcmil		1-15/16	—	CD-940-1000 <sup>④</sup> White P125 (4)	—	—	—	—	—
SCS1000		1-7/8								

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.



For use with  
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## 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 <sup>⑦</sup> , Y46 <sup>⑦</sup>	Y644M, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
Die Part Number/Color Code and Die Index Number/(Number of Crimps)										
Purple 54H <sup>②</sup> (2)	STD (1)	Purple 54H <sup>②</sup> (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 <sup>②</sup> (2)	STD (1)	Red 71H <sup>②</sup> (2)	—	—	U31RT Red 18 (2)	U31RT Red 18 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Blue 76H <sup>②</sup> (2)	STD (1)	Blue 76 (1)	—	—	U32RT Blue 19 (2)	U32RT Blue 19 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Brown 87H <sup>②</sup> (2)	STD (1)	Brown 87H <sup>②</sup> (2)	—	—	U34RT Brown 20 (2)	U34RT Brown 20 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Green 94H <sup>②</sup> (2)	STD (1)	Green 94H <sup>②</sup> (2)	—	—	U36RT Green 22 (2)	U36RT Green 22 (2)	STD (1)	—	STD (1)	—
Black 106H <sup>②</sup> (2)	STD (1)	Black 106H <sup>②</sup> (2)	—	—	U39RT Black 24 (3)	U39RT Black 24 (3)	STD (1)	—	STD (1)	—
125H <sup>②</sup> (2)	—	125H <sup>②</sup> (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

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E1. Labeling Systems

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E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

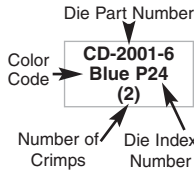
F. Index

**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 <sup>①</sup>	CT-1700 <sup>①</sup>	CT-720	CT-920, CT-920CH, CT-930, CT-930CH, CT-2920, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-930LPCH <sup>②</sup> , CT-940CH <sup>③</sup> , CT-2940 <sup>③</sup> , CT-2940/L <sup>③</sup> , CT-2940/LE <sup>③</sup>	Uni-Die™ CT-980, CT-980CH, CT-2950 <sup>④</sup> , CT-2980, CT-2980/L, CT-2980/LE, CT-2981, CT-980LPCH <sup>④</sup> , 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.  
 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  
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## 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

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

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E1. Labeling Systems

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**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 <sup>⑥</sup> , CT-940CH <sup>③</sup> , CT-2940 <sup>③</sup> , CT-2940/L <sup>③</sup> , CT-2940/LE <sup>③</sup>	Uni-Die™ CT-980, CT-980CH, CT-2950 <sup>⑤</sup> , CT-2980, CT-2980/L, CT-2980/LE, CT-2981, CT-980LPCH <sup>⑥</sup> Extended Wire Range <sup>⑨</sup>	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	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 <sup>②</sup> (4)
		2						
LCB350 LCBN350 LCC350 LCCN350 SCL350	350 kcmil	2-5/16	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 <sup>②</sup> (4)
		2						
LCB400 LCBN400 LCC400 LCCN400 SCL400	400 kcmil	2-3/8	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 <sup>②</sup> (4)
		2-1/8						
LCB500 LCBN500 LCC500 LCCN500 SCL500	500 kcmil	2-9/16	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 <sup>②</sup> (4)
		2-1/4						
LCB600 LCBN600 LCC600 LCCN600 SCL600	600 kcmil	2-3/4	—	CD-920-600 Green P94 (4)	250 – 600 kcmil (3)	—	—	Green 94H <sup>②</sup> (4)
		2-11/16						
LCB750 LCBN750 LCC750 LCCN750 SCL750	750 kcmil	2-15/16	—	CD-920-750 CD-940-750 <sup>④</sup> Black P106 (4)	500 – 750 kcmil (3)	—	—	Black 106H <sup>②</sup> (4)
		2-7/8						
LCB800 LCBN800 LCC800 LCCN800	800 kcmil	3	—	CD-940-800 <sup>④</sup> Orange P107 (4)	—	—	—	—
LCB1000 LCBN1000 LCC1000 LCCN1000 SCL1000	1000 kcmil	3-1/16	—	CD-940-1000 <sup>④</sup> White P125 (4)	—	—	—	Yellow 125H <sup>②</sup> (4)
		3						

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

Thomas & Betts			Burdny			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 <sup>②</sup> , Y46 <sup>②</sup>	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 <sup>②</sup> (4)	STD (3)	Red 71 (4)	U31RT Red 18 (3)	U31RT Red 18 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Blue <sup>②</sup> (4)	STD (3)	Blue 76 (4)	U32RT Blue 19 (3)	U32RT Blue 19 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Brown 87 <sup>②</sup> (4)	STD (3)	Brown 87 (4)	U34RT Brown 20 (3)	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Green 94 <sup>②</sup> (4)	STD (4)	Green 94 (4)	U36RT Green 22 (4)	U36RT Green 22 (4)	STD (1)	—	STD (4)	—
Black 106 <sup>②</sup> (4)	STD (4)	Black 106 (4)	U39RT Black 24 (5)	U39RT Black 24 (5)	STD (1)	—	STD (2)	—
—	—	—	—	—	—	—	—	—
125 <sup>②</sup> (4)	—	125 <sup>②</sup> (4)	—	S44RT White 27 (6)	—	—	—	—

②Half width dies.

⑦Requires U die adapter.

⑧Minimum size: #4 AWG lugs and splices.

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E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

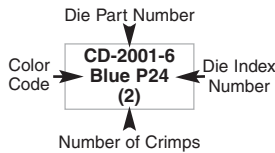
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**For use with Copper Conductors**

## 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 <sup>①</sup>	CT-720	CT-920, CT-920CH, CT-2920, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-930LPCH <sup>②</sup> , CT-940CH <sup>②</sup> , CT-2940 <sup>③</sup> , CT-2940/L <sup>③</sup> , CT-2940/LE <sup>③</sup>	Uni-Die™ CT-980, CT-980CH, CT-2950 <sup>⑤</sup> , CT-2980 <sup>⑤</sup> , CT-2980/L <sup>⑤</sup> , CT-2980/LE <sup>⑤</sup> , CT-2981 <sup>⑤</sup> , CT-980LPCH <sup>⑤</sup> 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 <sup>②</sup> (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 <sup>②</sup> (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 <sup>②</sup> (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 <sup>②</sup> (4)	
SCH500		2-1/4									
LCBH600 LCCH600	600 kcmil	2-3/4	—	—	CD-920-600 Green P94 (4)	250 – 500 kcmil (3)	—	—	—	Green 94H <sup>②</sup> (4)	
SCH600		2-11/16									
LCBH750 LCCH750	750 kcmil	2-15/16	—	—	CD-920-750, CD-940-750 <sup>④</sup> Black P106 (4)	500 – 600 kcmil (3)	—	—	—	Black 106H <sup>②</sup> (4)	
SCH750		2-7/8									
LCBH1000 LCCH1000	1000 kcmil	3-1/16	—	—	CD-940-1000 <sup>④</sup> Green P125 (4)	—	—	—	—	125H <sup>②</sup> (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.

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

Thomas & Betts			Burndy				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 <sup>Ⓣ</sup> , Y46 <sup>Ⓣ</sup>	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 <sup>Ⓣ</sup> (4)	STD (2)	Pink 42H <sup>Ⓣ</sup> (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 <sup>Ⓣ</sup> (4)	STD (2)	Purple 54H <sup>Ⓣ</sup> (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 <sup>Ⓣ</sup> (4)	STD (3)	White 66 (4)	—	U30RT White 17 (3)	U30RT White 17 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Red 71H <sup>Ⓣ</sup> (4)	STD (3)	Red 71H <sup>Ⓣ</sup> (4)	—	U31RT Red 18 (3)	U31RT Red 18 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Blue 76H <sup>Ⓣ</sup> (4)	STD (3)	Blue 76 (4)	—	U32RT Blue 19 (3)	U32RT Blue 19 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Brown 87H <sup>Ⓣ</sup> (4)	STD (3)	Brown 87H <sup>Ⓣ</sup> (4)	—	U34RT Brown 20 (3)	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Green 94H <sup>Ⓣ</sup> (4)	STD (4)	Green 94H <sup>Ⓣ</sup> (4)	—	U36RT Green 22 (4)	U36RT Green 22 (4)	STD (1)	—	STD (2)	—
Black 106H <sup>Ⓣ</sup> (4)	STD (4)	Black 106H <sup>Ⓣ</sup> (4)	—	U39RT Black 24 (5)	U39RT Black 24 (5)	STD (1)	—	STD (2)	—
125H <sup>Ⓣ</sup> (4)	—	125H <sup>Ⓣ</sup> (4)	—	—	S44RT White 27 (6)	—	—	—	—

ⓉHalf width dies.

ⓉRequires U die adapter.

ⓉMinimum size: #4 AWG lugs and splices.

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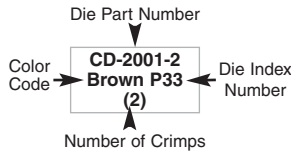
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**For use with Copper Conductors**

## 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 <sup>①</sup>	CT-720	CT-920, CT-920CH, CT-2920, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-940CH <sup>③</sup> , CT-2940 <sup>③</sup> , CT-2940/L <sup>③</sup> , CT-2940/LE <sup>③</sup>	CT-980, CT-980CH, CT-2950 <sup>④</sup> , 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							
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							

① The 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.

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## 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 <sup>Ⓜ</sup> (2)	Pink 42H <sup>Ⓜ</sup> (4)	STD (2)	Pink 42H <sup>Ⓜ</sup> (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 <sup>Ⓜ</sup> (4)	STD (2)	Pink 42H <sup>Ⓜ</sup> (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 <sup>Ⓜ</sup> (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 <sup>Ⓜ</sup> (4)	White 66H <sup>Ⓜ</sup> (4)	STD (3)	White 66H <sup>Ⓜ</sup> (4)	—	U30RT White 17 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Red 71H <sup>Ⓜ</sup> (4)	Red 71H <sup>Ⓜ</sup> (4)	STD (3)	Red 71 (3)	—	U31RT Red 18 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Brown 87H <sup>Ⓜ</sup> (4)	Brown 87H <sup>Ⓜ</sup> (4)	STD (3)	Brown 87 (3)	—	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Olive 54 (4)	Olive 54H <sup>Ⓜ</sup> (4)		Olive 54H <sup>Ⓜ</sup> (3)	—	U28RT Purple 15 (3)				
Brown 87H <sup>Ⓜ</sup> (4)	Brown 87H <sup>Ⓜ</sup> (4)	STD (3)	Brown 87H <sup>Ⓜ</sup> (4)	—	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)

ⓂHalf width dies.

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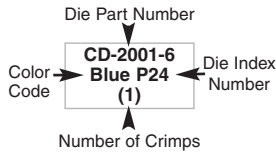
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**For use with Copper Conductors**

## 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 <sup>①</sup>	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 <sup>③</sup> , CT-2940/L <sup>③</sup> , CT-2940/LE <sup>③</sup> , CT-940CH <sup>③</sup>
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.



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## 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 <sup>®</sup> , 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

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## 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 <sup>①</sup>	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 <sup>②</sup> , CT-2940/L <sup>②</sup> , CT-2940/LE <sup>②</sup> , CT-940CH <sup>③</sup>
LCAX4/0, LCDX4/0, LCDXN4/0, LCEX4/0, LCJX4/0	4/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO) <sup>⑦</sup>	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 <sup>④</sup> Black P106 (2)
LCAX750, LCDX750, LCDXN750, LCEX750, LCJX750	777.7 kcmil	Locomotive (DLO)	1-3/4	—	—	CD-940-750X <sup>④</sup> 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  
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## 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 <sup>Ⓢ</sup> , 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 <sup>Ⓢ</sup> (2)	—	—	6TON71 Red 71H <sup>Ⓢ</sup> (2)	STD (2)	15514-CK Red 71H <sup>Ⓢ</sup> (2)	W31RT Red 18 (2)	(1)	U31RT Red 18 (2)	—
TBM12D-4 Red 71H <sup>Ⓢ</sup> (4)	—	—	6TON71 Red 71H <sup>Ⓢ</sup> (4)	STD (4)	15514-CK Red 71H <sup>Ⓢ</sup> (4)	W31RT Red 18 (4)	(3)	U31RT Red 18 (4)	—
TBM12D-4 Blue 76H <sup>Ⓢ</sup> (2)	—	—	6TON76 Blue 76H <sup>Ⓢ</sup> (2)	STD (2)	15512 Blue 76H <sup>Ⓢ</sup> (2)	W32RT Blue 19 (3)	(1)	U32RT Blue 19 (2)	—
TBM12D-4 Blue 76H <sup>Ⓢ</sup> (4)	—	—	6TON76 Blue 76H <sup>Ⓢ</sup> (4)	STD (4)	15512 Blue 76H <sup>Ⓢ</sup> (4)	W32RT Blue 19 (4)	(3)	U32RT Blue 19 (4)	—
TBM12D-3 Brown 87H <sup>Ⓢ</sup> (2)	—	—	6TON87 Brown 87H <sup>Ⓢ</sup> (2)	STD (2)	15506 Brown 87H <sup>Ⓢ</sup> (2)	—	(1)	U34RT Brown 20 (2)	—
TBM12D-3 Brown 87H <sup>Ⓢ</sup> (4)	—	—	6TON87 Brown 87H <sup>Ⓢ</sup> (4)	STD (4)	15506 Brown 87H <sup>Ⓢ</sup> (4)	—	(4)	U34RT Brown 20 (4)	—
TBM12D-2 Pink 99H <sup>Ⓢ</sup> (2)	—	—	—	STD (2)	15505 Pink 99H <sup>Ⓢ</sup> (2)	—	(1)	U38XRT Pink L99 (2)	—
TBM12D-2 Pink 99H <sup>Ⓢ</sup> (4)	—	—	—	STD (4)	15505 Pink 99H <sup>Ⓢ</sup> (4)	—	(4)	U38XRT Pink L99 (4)	—
TBM12D-2 Pink 99H <sup>Ⓢ</sup> (2)	—	—	—	STD (2)	15505 Pink 99H <sup>Ⓢ</sup> (2)	—	(1)	U38RT Pink 400 (2)	—
TBM12D-2 Black 106H <sup>Ⓢ</sup> (2)	—	—	—	—	15515-CK Black 106H <sup>Ⓢ</sup> (2)	—	(1)	U39RT Black 24 (2)	—
TBM12D-1 Yellow 115H <sup>Ⓢ</sup> (2)	—	—	—	—	15504 Yellow 115H <sup>Ⓢ</sup> (2)	—	(1)	U44XRT Yellow L115 (2)	—

ⓈHalf width dies.

ⓈRequires U die adapter.



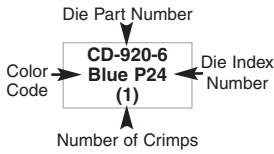
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## Installation Tooling and Die Selections for: Types LCAF, LCCF, and SCSF

**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, CT-2940, CT-2940/L, CT-2940/LE**

**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	
				Die Part Number/Color Code	Die Index Number	Die Part Number/Color Code	Die Index Number
LCAF8 LCCF8 SCSF8	#8 AWG	Locomotive (DLO)	13/16 11/16			CD-920-8 Red P21 (1)	
LCAF6 LCCF6 SCSF6	#6 AWG	K, M, Locomotive (DLO)	7/8 1-5/16 13/16	CD-920-6 Blue P24 (1)			CD-920-6 Blue P24 (2)
LCAF4 LCCF4 SCSF4	#4 AWG	K, M, Locomotive (DLO)	7/8 1-5/16 13/16	CD-920-4 Gray P29 (1)			CD-920-4 Gray P29 (2)
LCAF2 LCCF2 SCSF2	#2 AWG	K, M, Locomotive (DLO)	15/16 1-7/16 7/8	CD-920-2 Brown P33 (1)			CD-920-2 Brown P33 (2)
LCAF1 LCCF1 SCSF1	#1 AWG	K, M, Locomotive (DLO)	1 1-1/2 7/8	CD-920-1/0 Pink P42 (1)			CD-920-1/0 Pink P42 (2)
LCAF1/0 LCCF1/0 SCSF1/0	1/0 AWG	K, M, Locomotive (DLO)	1-7/16 1-9/16 1-3/16			CD-920-2/0 Black P45 (2)	
LCAF2/0 LCCF2/0 SCSF2/0	2/0 AWG	K, M, Locomotive (DLO)	1-7/16 1-9/16 1-3/16			CD-920-3/0 Orange P50 (2)	
LCAF3/0 LCCF3/0 SCSF3/0	3/0 AWG	K, M, Locomotive (DLO)	1-7/16 1-5/8 1-3/16			CD-920-4/0 Purple P54 (2)	
LCAF4/0 LCCF4/0 SCSF4/0	4/0 AWG	K, M, Locomotive (DLO)	1-7/16 1-11/16 1-3/16			CD-920-250 Yellow P62 (2)	

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

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## 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 <sup>①</sup> , CT-2940 <sup>①</sup> , CT-2940/L <sup>①</sup> , CT-2940/LE <sup>①</sup>	
				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 <sup>③</sup>	646.4 kcmil	Locomotive (DLO)	2-3/8	CD-920-750 Black P106 (2)	CD-920-750 Black P106 (3)
LCCF600 <sup>③</sup>			3		
SCSF600 <sup>③</sup>			1-5/8		
LCAF750 <sup>③</sup>	777.7 kcmil	Locomotive (DLO)	2-7/16	CD-940-800 <sup>②</sup> Orange P107 (2)	CD-940-800 <sup>②</sup> Orange P107 (4)
LCCF750 <sup>③</sup>			3-1/16		
SCSF750 <sup>③</sup>			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.

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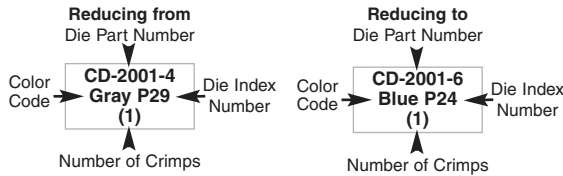
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**For use with Copper Conductors**

## 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.)
<b>RSC4-6</b>	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
<b>RSC2-6</b>	#2 AWG	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
<b>RSC2-4</b>	#2 AWG	B, C, Compact	1	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
<b>RSC1/0-6</b>	1/0 AWG	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
<b>RSC1/0-4</b>	1/0 AWG	B, C, Compact	1	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
<b>RSC2/0-6</b>	2/0 AWG	B, C, Compact	1-1/16	#6 AWG	B, C, Compact	1-5/16
<b>RSC2/0-4</b>	2/0 AWG	B, C, Compact	1-1/16	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
<b>RSC4/0-6</b>	4/0 AWG	B, C, Compact	1-1/16	#6 AWG	B, C, Compact	1-5/16
<b>RSC4/0-4</b>	4/0 AWG	B, C, Compact	1-1/16	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
<b>RSC4/0-1/0</b>	4/0 AWG	B, C, Compact	1-1/16	1/0 AWG	B, C, Compact	1-9/16
<b>RSC4/0-2/0</b>	4/0 AWG	B, C, Compact	1-1/16	2/0 AWG	B, C, Compact	1-7/16
<b>RSC500-X4/0</b>	500 kcmil	B, C, Compact	1-7/8	4/0 AWG	I	1-7/16
<b>RSC500-X350</b>	500 kcmil	B, C, Compact	1-7/8	350 kcmil	I	1-7/8
<b>RSC750-4/0</b>	750 kcmil	B, C, Compact	2	4/0 AWG	B, C, Compact	1-5/8
<b>RSC750-X4/0</b>	750 kcmil	B, C, Compact	2	4/0 AWG	I	1-7/16
<b>RSC750-X350</b>	750 kcmil	B, C, Compact	2	350 kcmil	I	1-7/8
<b>RSC750-500</b>	750 kcmil	B, C, Compact	2	500 kcmil	B, C, Compact	1-7/8
<b>RSC750-X500</b>	750 kcmil	B, C, Compact	2	500 kcmil	I	2
<b>RSC750-750</b>	750 kcmil	B, C, Compact	2	750 kcmil	B, C, Compact	2
<b>RSCX750-4/0</b>	750 kcmil	I	2	4/0 AWG	B, C, Compact	1-5/8
<b>RSCX750-750</b>	750 kcmil	I	2	750 kcmil	B, C, Compact	2

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## 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 <sup>①</sup>		CT-720		CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E		CT-930 <sup>⑤</sup> , CT-930CH <sup>⑤</sup> , CT-920 <sup>⑥</sup> , CT-920CH <sup>⑥</sup> , CT-2920 <sup>⑥</sup> , CT-2940 <sup>③</sup> , CT-2940/L <sup>③</sup> , CT-2940/LE <sup>③</sup> , CT-940CH <sup>③</sup> , CT-2930 <sup>⑤</sup> , CT-2930/L, CT-2930/LE <sup>⑤</sup> , CT-2931 <sup>⑤</sup>	
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 <sup>④</sup> Black P106 (2)	CD-920-4/0 Purple P54 (1)
—	—	—	—	—	—	CD-920-750, CD-940-750 <sup>④</sup> Black P106 (2)	CD-920-250 Yellow P62 (1)
—	—	—	—	—	—	CD-920-750, CD-940-750 <sup>④</sup> Black P106 (2)	CD-920-400 Blue P76 (2)
—	—	—	—	—	—	CD-920-750, CD-940-750 <sup>④</sup> Black P106 (2)	CD-920-500 Brown P87 (2)
—	—	—	—	—	—	CD-920-750, CD-940-750 <sup>④</sup> Black P106 (2)	CD-920-500A Pink P99 (2)
—	—	—	—	—	—	CD-920-750, CD-940-750 <sup>④</sup> Black P106 (2)	CD-920-750, CD-940-750 Black P106 (2)
—	—	—	—	—	—	CD-940-750X <sup>④</sup> Yellow P115 (2)	CD-920-4/0 Purple P54 (1)
—	—	—	—	—	—	CD-940-750X <sup>④</sup> Yellow P115 (2)	CD-940-750 <sup>④</sup> 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



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## 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  
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## 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)
—	—	—	—	—	—
—	—	—	—	—	—

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



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## 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  
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## 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 <sup>®</sup> (2)	Blue 24 (1)
—	—	Pink 42 (1)	Gray 29 (1)	Pink 42 (1)	Gray 29 (1)	Pink 42H <sup>®</sup> (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 <sup>®</sup> (2)	Blue 24 (1)
—	—	Purple 54 (2)	Gray 29 (1)	Purple/Olive 54 (1)	Gray 29 (1)	Olive 54H <sup>®</sup> (2)	Gray 29 (1)
—	—	Purple 54 (2)	Pink 42 (2)	Purple/Olive 54 (1)	Pink 42 (2)	Olive 54H <sup>®</sup> (2)	Pink 42H <sup>®</sup> (4)
—	—	Purple 54 (2)	Black 45 (2)	Purple/Olive 54 (1)	Black/Gold 45 (1)	Olive 54H <sup>®</sup> (2)	Black 45 (1)
—	—	—	—	Brown 87H <sup>®</sup> (2)	Yellow 62 (1)	Brown 87H <sup>®</sup> (2)	Yellow 62 (1)
—	—	—	—	Brown 87H <sup>®</sup> (2)	Blue 76H <sup>®</sup> (2)	Brown 87H <sup>®</sup> (2)	Blue 76 (1)
—	—	—	—	Black/Orange 106H <sup>®</sup> (2)	Purple/Olive 54 (1)	Black 106H <sup>®</sup> (2)	Olive 54H <sup>®</sup> (2)
—	—	—	—	Black/Orange 106H <sup>®</sup> (2)	Yellow 62 (1)	Black 106H <sup>®</sup> (2)	Yellow 62 (1)
—	—	—	—	Black/Orange 106H <sup>®</sup> (2)	Blue 76H <sup>®</sup> (2)	Black 106H <sup>®</sup> (2)	Blue 76 (1)
—	—	—	—	Black/Orange 106H <sup>®</sup> (2)	Brown 87H <sup>®</sup> (2)	Black 106H <sup>®</sup> (2)	Brown 87H <sup>®</sup> (2)
—	—	—	—	Black/Orange 106H <sup>®</sup> (2)	Pink 99H (2)	Black 106H <sup>®</sup> (2)	Pink 99H (2)
—	—	—	—	Black/Orange 106H <sup>®</sup> (2)	Black/Orange 106H <sup>®</sup> (2)	Black 106H <sup>®</sup> (2)	Black 106H <sup>®</sup> (2)
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—

®Half width dies.

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

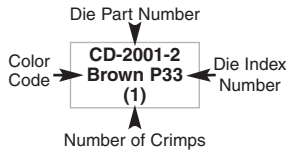
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**For use with Copper Conductors**

## 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)

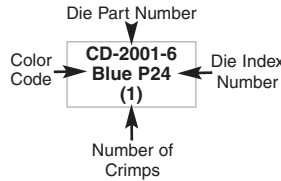
\*CD-920 dies can be used with CT-940CH and CT-2940 tools with the CD-940-DA die adapter.

For use with  
Copper  
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## 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 Part Number	Wire Size	Wire Type	Wire Strip Length (mm)	Current Rating	Panduit Tool P/N			Die Part Number/Color Code and Die Index Number (Number of Crimps)	
					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 <sup>2</sup>	Class 2R	11.0 11.0	30A	22-10 (1)	CT-570CH 12-10 (1)	P10 (1)	—	—
LCMA10, LCMD10, SCMS10	10mm <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	Class 2R	16.5 16.5 19.5	—	—	—	—	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
LCMA35, LCMD35, SCMS35	35mm <sup>2</sup>	Class 2R	19.0 19.0 19.5	—	—	—	—	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
LCMA50, LCMD50, SCMS50	50mm <sup>2</sup>	Class 2R	21.8 21.8 26.0	—	—	—	—	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)
LCMA70, LCMD70, SCMS70	70mm <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	Class 2R	26.0 26.0 30.0	—	—	—	—	CD-2001-250 Yellow P62 (2)	CD-920-250 Yellow P62 (2)
LCMA150, LCMD150, SCMS150	150mm <sup>2</sup>	Class 2R	29.0 29.0 30.0	—	—	—	—	CD-2001-300 White P66 (2)	CD-920-300 White P66 (2)
LCMA185, LCMD185, SCMS185	185mm <sup>2</sup>	Class 2R	29.7 29.7 32.0	—	—	—	—	CD-2001-400 Blue P76 (2)	CD-920-400 Blue P76 (2)
LCMA240, LCMD240, SCMS240	240mm <sup>2</sup>	Class 2R	36.5 36.5 37.5	—	—	—	—	CD-2001-500 Brown P87 (2)	CD-920-500 Brown P87 (2)
LCMA300, LCMD300, SCMS300	300mm <sup>2</sup>	Class 2R	41.8 41.8 39.0	—	—	—	—	—	CD-920-600 Green P94 (2)
LCMA400, LCMD400, SCMS400	400mm <sup>2</sup>	Class 2R	46.3 46.3 49.0	—	—	—	—	—	CD-920-750 CD-940-750** Black P106(2)
LCMA500, LCMD500, SCMS500	500mm <sup>2</sup>	Class 2R	48.0 48.0 49.5	—	—	—	—	—	CD-940-1000** White P125 (3)
LCMA630, LCMD630, SCMS630	630mm <sup>2</sup>	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.

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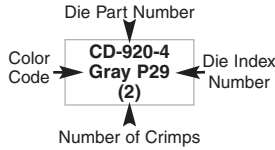
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**For use with Copper or Aluminum Conductors**

## 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 <sup>①</sup>	CT-720	CT-930, CT-930CH, CT-920, CT-920CH, CT-2920, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2940 <sup>③</sup> , CT-2940/L <sup>③</sup> , CT-2940/LE <sup>③</sup> , CT-940CH <sup>③</sup>
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 <sup>④</sup> Black P106 (4)
LAB600					
SA600		2			
LAA750	750 kcmil	3-7/16	—	—	CD-940-750A <sup>④</sup> Red P125 (4)
LAB750					
SA750		2-1/4			
LAA800	800 kcmil	3-7/16	—	—	CD-940-800A <sup>④</sup> Gray P140 (4)
LAB800					
SA800		2-5/16			
LAA1000	1000 kcmil	4-3/4	—	—	CD-940-1000A <sup>④</sup> 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, TBMIS1, 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 <sup>®</sup>	—	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 <sup>®</sup>	—	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 <sup>®</sup>	—	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 <sup>®</sup>	—	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 <sup>®</sup>	—	—	S39ART Red 301	S39ART Red 301	—
LAB750		2-1/4	—	—	(4)	—	—	(4)	(4)	—
SA750										
LAA800	800 kcmil	3-7/16	—	—	125H <sup>®</sup>	—	—	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.

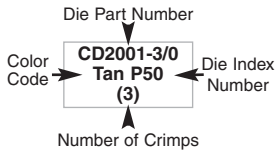


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**For use with Copper or Aluminum Conductors**

## 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)

Panduit Part Number	Aluminum Wire Size	Aluminum or Copper Wire Size	Wire Strip Length (both ends) (In.)	Die Part Number/Color Code and Die Index Number/ (Number Of Crimps)		
				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 <sup>②</sup> , CT-2940 <sup>②</sup> , CT-2940/L <sup>②</sup> , CT-2940/LE <sup>②</sup>
<b>SAR2-4</b>	#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)
<b>SAR1/0-2</b>	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)
<b>SAR3/0-1/0</b>	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)
<b>SAR4/0-2/0</b>	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)
<b>SAR350-4/0</b>	350 kcmil	4/0 AWG	3-3/16	CD-720-7 Brown P87 (4)	—	CD-920-500 Brown P87 (4)
<b>SAR500-350</b>	500 kcmil	350 kcmil	4-1/4	—	—	CD-920-500A Pink P99 (4)
<b>SAR600-500</b>	600 kcmil	500 kcmil	4	—	—	CD-920-750, CD-940-750 <sup>③</sup> Black P106 (4)
<b>SAR750-600</b>	750 kcmil	600 kcmil	4-7/16	—	—	CD-940-750 <sup>③</sup> 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
<b>Die Part Number/Color Code and Die Index Number/ (Number of Crimps)</b>						
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 <sup>①</sup> (4)	—	U29ART Red 324 (2)	U29ART Red 324 (2)	STD (2)
—	Red 71 (4)	Red 71H <sup>①</sup> (4)	—	U29ART Red 324 (2)	U29ART Red 324 (2)	STD (2)
—	Brown 87 (4)	Brown 87H <sup>①</sup> (4)	—	U31ART Brown 299 (2)	U31ART Brown 299 (2)	STD (2)
—	—	Pink 99H <sup>①</sup> (4)	—	U34ART Pink 300 (4)	U34ART Pink 300 (4)	—
—	—	Black 106 (3)	—	U36ART Black 473 (4)	U36ART Black 473 (4)	—
—	—	Yellow 115H <sup>①</sup> (4)	—	—	P39ART Red 301 (4)	—

①Half width dies.

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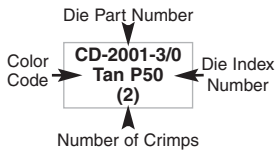
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**For use with Copper or Aluminum Conductors**

## 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<sup>②</sup>, CT-2940/L<sup>②</sup>, CT-2940/LE<sup>②</sup>, CT-2920, CT-940CH<sup>②</sup>

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 <sup>②</sup> , CT-2940/L <sup>②</sup> , CT-2940/LE <sup>②</sup> , CT-2920, CT-940CH <sup>②</sup>
<b>BPC6</b>	#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)
<b>BPC4</b>	#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)
<b>BPC2</b>	#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)
<b>BPC1</b>	#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)
<b>BPC1/0</b>	1/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (2)
<b>BPC2/0</b>	2/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (2)
<b>BPC3/0</b>	3/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (2)
<b>BPC4/0</b>	4/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (2)
<b>BPC250</b>	250 kcmil	1-7/16	—	—	CD-920-600 Green P94 (2)
<b>BPC300</b>	300 kcmil	1-7/16	—	—	CD-920-600 Green P94 (2)
<b>BPC350</b>	350 kcmil	1-7/16	—	—	CD-920-600 Green P94 (2)
<b>BPC400</b>	400 kcmil	1-7/16	—	—	CD-920-750, CD-940-750 <sup>③</sup> Black P106 (2)
<b>BPC500</b>	500 kcmil	1-7/16	—	—	CD-920-750, CD-940-750 <sup>③</sup> Black P106 (2)
<b>BPC600</b>	600 kcmil	1-15/16	—	—	CD-940-750A <sup>③</sup> Red P125 (2)
<b>BPC750</b>	750 kcmil	1-15/16	—	—	CD-940-750A <sup>③</sup> 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 <sup>①</sup> (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
Blue 76H <sup>①</sup> (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
Blue 76H <sup>①</sup> (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
Blue 76H <sup>①</sup> (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
Pink 99H <sup>①</sup> (2)	Brown 87 (3)	Brown 87H <sup>①</sup> (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)
Pink 99H <sup>①</sup> (2)	Brown 87 (3)	Brown 87H <sup>①</sup> (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)
Pink 99H <sup>①</sup> (2)	Brown 87 (3)	Brown 87H <sup>①</sup> (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)
Black 106H <sup>①</sup> (3)	—	Black 106H <sup>①</sup> (3)	U34ART Pink 300 (3)	U34ART Pink 300 (3)
Black 106H <sup>①</sup> (3)	—	Black 106H <sup>①</sup> (3)	U34ART Pink 300 (3)	U34ART Pink 300 (3)
Yellow 115H <sup>①</sup> (3)	—	Yellow 115H <sup>①</sup> (3)	—	U39ART-2 Yellow 936 (3)
Yellow 115H <sup>①</sup> (3)	—	Yellow 115H <sup>①</sup> (3)	—	U39ART-2 Yellow 936 (3)

① Half width dies.

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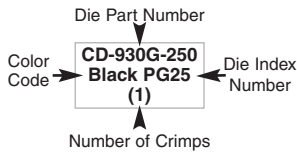
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**For use with Copper Conductors**

## 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
<b>Panduit</b>		
CT-2931	CT-930 CT-930CH CT-2930 CT-2930/L CT-2930/LE	CT-940CH CT-2940 CT-2940/L CT-2940/LE
<b>Burndy</b>		
Y750, Y750-2, Y750BH, Y750BH-2, BAT750-14V, PAT750-18V, PAT750C-18V, PAT750XT-18V, PAT750CXT-18V, LPHY750	—	Y46, Y46C, LPHY46
<b>Thomas &amp; Betts</b>		
	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	—	—

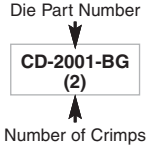
15 ton tools require the CD-940-DA adapter when used with CD-930G series crimping dies. Panduit crimping dies must be used with all tooling (Panduit and competitor).

**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 <sup>①</sup> , CT-2940 <sup>①</sup> , CT-2940/L <sup>①</sup> , CT-2940/LE <sup>①</sup>	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
<b>Crimp Die Number/Index Number or Color Code/(Number Of Crimps)</b>							
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.

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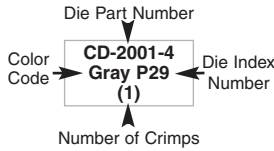
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**For use with Copper Conductors**

## 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 <sup>①</sup>	CT-920, CT-920CH, CT-2920, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-940CH <sup>②</sup> , CT-2940 <sup>②</sup> , CT-2940/L <sup>②</sup> , CT-2940/LE <sup>②</sup>	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.

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## 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
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)
	3/0 AWG	#2 – #1 AWG	—	—	—

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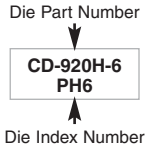
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**For use with Copper Conductors**

## 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
<b>Panduit</b>		
CT-940CH <sup>①</sup> , CT-2940 <sup>①</sup> , CT-2940/L <sup>①</sup> , CT-2940/LE <sup>①</sup> ,	CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE	CT-920, CT-920CH, CT-2920, CT-2931, CT-2931/E
<b>Burndy</b>		
Y46 <sup>①</sup> Y46C <sup>①</sup>	—	Y35, Y35-2, Y35BH, Y35BH-4, Y750, Y39, Y39BH, Y750-2, Y750BH, Y750BH-2, Y750HS, BAT35, BAT750, BAT750C, PAT750, PAT750C
<b>Thomas &amp; Betts</b>		
TBM15I, TBM15BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	—

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	Panduit Crimp 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	CD-920H-6 PH6	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	CD-920H-2 PH2	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	CD-930H-250 PH25	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	CD-930H-250 PH25	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.

