PANDUIT CT-1000

Tool Solutions

PANDUIT®

infrastructure for a connected world

PANDUIT®

www.panduit.com

Table of Contents

🟫 **A. Cable Ties**

🟧 **B. Stainless Steel**

🟥 **C. Wiring Duct**

🟦 **D. Terminals and Reel Smart™ System**

🟩 **E. Power Connectors and Grounding**

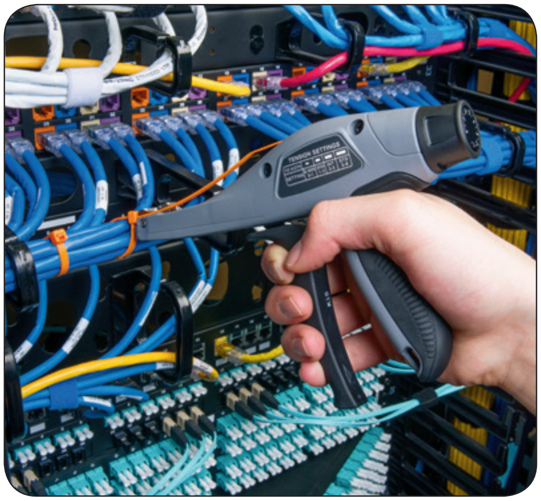
🟫 **F. Part Number Index**

Notes

Manual Cable Tie Installation Tools

Panduit® provides the most preferred hand-operated tools in the industry. These versatile tools can be used for production, maintenance, or construction applications.

Panduit cable tie installation tools promote worker safety, help reduce downtime, improve productivity and provide the lowest total installed cost. As with all Panduit products, quality in design and production along with customer service excellence, are assured.



Tool Highlights:

- Tool controlled tension and cut-off
  - Ergonomic tools are durable, lightweight, and easy to use
  - Manual tools
  - Pneumatic tools
- Installer controlled tension and cut-off
  - Large selection of tools available for complete range of Panduit cable ties
  - Cost-effective alternative for small volume applications

Selection Guide – Hand Tools, Accessories, and Kits

Hand Tools

Manual

Tool Controlled Tension and Cut-Off

Recommended usage: under 50,000 ties/year
Typical applications: Low to medium volume tie usage in OEM, MRO, or construction

Cross Section	Tool Part Number — Page A.3				
	GTS-E	GS2B	GTH-E	GS4H	GS4EH
SM	X				
M	X	X			
I	X	X			
S	X	X	X	X	
HS			X	X	
LH			X	X	X
H			X	X	X
EH					X

Cross Sections

SM = Subminiature
M = Miniature
I = Intermediate
S = Standard
HS = Heavy-Standard
LH = Light-Heavy
H = Heavy
EH = Extra-Heavy

Installer Controlled Tension and Cut-Off

Recommended usage: under 10,000 ties/year
Typical applications: MRO or construction

Cross Section	Tool Part Number — Page A.4			
	GTS-E	GS2B	GTH-E	GS4H
M	X			
I	X			
S	X	X		
HS		X		
LH		X	X	X
H		X	X	X
EH			X	

Pneumatic

Recommended usage: under 250,000 ties/year

Typical applications: Medium to high volume tie usage in OEM

Cross Section	Tool Part Number — Page A.5	
	PTS	PTH
M	X	
I	X	
S	X	
HS	X	X
LH		X
H		X
EH		X

Accessories/Kits

Manual

	Part Number	For Tool	Page
Tool Tension Locking Kits	**KGTS-ETL**	GTS-E, GTH-E	A.6
	TTLK3	GS2B, GS4H	A.6
Blade Replacement Kits	**KGTSBLD**	GTS-E	A.6
	KGTH-EBLD	GTH-E	A.6
	K2-BLD2	GS2B	A.6
	K4H-BLD	GS4H	A.6
	K4EH-BLD	GS4EH	A.6
Tool Holster	**GHH**	GTS-E, GS2B, GTH-E, GS4H, GS4EH	A.6

Pneumatic

	Part Number	For Tool	Page
Tool Tension Locking Kits	**KPTSTL**	PTS, PTH	A.6
	TTLK3	PPTS	A.6
Blade Replacement Kits	**KGTSBLD**	PTS	A.6
	KPTHBLD	PTH	A.6
	K2-BLD2	PPTS	A.6
Tool Holster	**GHH**	PTS, PPTS	A.6
Pneumatic Hose Assembly, Filter/Regulator Adapter Fittings	**PPH10**	PTS, PTH, PPTS	A.5
	PL289N1		A.5
	PHCAT		A.5

Cable Tie Tools – Tool Controlled Tension and Cut-Off

- Used in production, maintenance, or construction applications
- Tool controlled tension provides flush cut-off and speeds installation to lower installed cost
- Lightweight and balanced
- Easy to change tension adjustment and easy to operate
- A combination of design, operation, and construction features, provides a long service life
- Replacement blades available, see page A.6
- No special maintenance required

GTS-E

GS2B

GTH-E

GS4H

GS4EH

Part Number	Used with Cable Ties	Weight		Part Features	Standards	Std. Pkg. Qty.
		Oz.	g			
GTS-E	SM, M, I, S	10.4	294	Ergonomic design with impact resistant resin housing, narrow nose, cushion handle and low impact cutoff.		1
GS2B	M, I, S	11.5	327	Metal tool with a durable powder coat finish.	QPL per Mil. Std. SAE AS81306 and Mil. Spec. SAE AS90387 Mil. Spec. Part Number MS90387-1	1
GTH-E	S, HS, LH, H	11.9	337	Ergonomic design with impact resistant resin housing, narrow nose, and cushion handle.		1
GS4H	S, HS, LH, H	16.0	454	Metal tool with a durable powder coat finish.	QPL per Mil. Std. SAE AS81306 and Mil. Spec. SAE AS90387 Mil. Spec. Part Number MS90387-2	1
GS4EH	LH, H, EH	16.0	454	Metal tool with a durable powder coat finish.	QPL per Mil. Std. SAE AS81306 and Mil. Spec. SAE AS90387 Mil. Spec. Part Number MS90387-4	1

Cable tie cross section sizes: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Cable Tie Tools – Installer Controlled Tension and Cut-Off

- Economical series of tools for maintenance or construction applications
- Excellent tools for low volume applications

STS2

STS2

STH2

ST3EH

STHV

Part Number	Used with Cable Ties	Color	Weight		Part Features	Std. Pkg. Qty.
			Oz.	g		
STS2	M, I, S	Black	2.5	71	Economical tool with short handle span and top loading feature for right- or left-handed users.	1
STH2	S, HS, LH, H	Red	2.5	71	Economical tool with short handle span and top loading feature for right- or left-handed users.	1
ST3EH	LH, H, EH	Blue/Black	9.0	256	Durable, all steel construction with comfortable plastic handles.	1
STHV	LH, H	Yellow	12.0	341	Durable all steel construction and “travel stop” to prevent pinched fingers.	1

Cable tie cross section sizes: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy.

Installation Procedure (STS2/STH2/ST3EH):

Install cable tie around bundle and tension tie by squeezing tool handle. Reduce tension slightly and twist tool 1/4" turn either direction to cut off excess cable tie.

Installation Procedure (STHV):

Install cable tie around bundle and tension tie by squeezing tool handle. A separate lever cuts off excess cable tie.

Pneumatic Hand Tools – Tool Controlled Tension and Cut-Off

- Pneumatic, push button operation tensions and cuts off excess tie in a fraction of a second
- Durable, lightweight, ergonomic design is easy to operate and designed to reduce operator fatigue
- Easy to change tension adjustment
- Operates on non-lubricated air, without special maintenance

PTS

PTS

PTH

Part Number	Used with Cable Ties	Weight		Part Features	Std. Pkg. Qty.
		Oz.	g		
PTS	SM, M, I, S	17.3	490	Ergonomic design with impact resistant resin housing and black knob; replacement parts can be part of a scheduled maintenance program.	1
PTH	S, HS, LH, H	32.0	907	Ergonomic design with impact resistant resin housing and red knob; replacement parts can be part of a scheduled maintenance program.	1

Note: All tools require the PPH10 hose and PL289N1 filter/regulator for proper operation.
Cable tie cross section sizes: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard,
HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy.

Pneumatic Tool Accessories

PL289N1/PPH10

PHCAT

Part Number	Used with Installation Tool	Part Features	Std. Pkg. Qty.
PL289N1	PTS, PPTS, PTH	Filter/regulator .5 micron element, regulated range 3 – 100 psig, features 1/8" NPT female output port (to hose PPH10) and 1/4" male quick disconnect to source air line.	1
PPH10	PTS, PPTS, PTH	10.0' (3m) hose assembly (regulator to tool); includes a 1/8" NPT male connector (to regulator) and 1/8" female quick disconnect (to tool).	1
PHCAT	PTS, PPTS, PTH	Adapter fitting for 10.0' (3m) hose (PPH10) to regulator with 1/4" NPT female output port, features 1/8" NPT female connection (to hose) and 1/4" NPT male connection (to regulator).	1

Hand Tool Accessories:

Tool Tension Locking Kits

- For applications requiring a locking device on either the selector knob (one cross section size and tension only) or tension level adjustment (but allow cross section size changes)

KGTS-ETL

Part Number	Used with Installation Tool	Contents	Std. Pkg. Qty.
KGTS-ETL	GTS-E, GTH-E	Lockout cap and screw.	1
KPTSTL	PTS, PTH	Lockout cap and screw.	1
TTLK3	GS2B, GS4H, PPTS	Selection locking clip and screws.	1

Blade Replacement Kits

- Blade replacement kits can be part of a user's scheduled maintenance plan or used when cut-offs are not clean and crisp

KGTSBLD

Part Number	Used with Installation Tool	Contents	Std. Pkg. Qty.
KGTSBLD	GTS-E, PTS	Threadlocker, screw, washer and replacement blade.	1
KGTH-EBLD	GTH-E	Threadlocker, screw, and replacement blade.	1
K2-BLD2	GS2B, PPTS	Threadlocker, screws, and replacement blade.	1
K4H-BLD	GS4H	Threadlocker, screws, and replacement blade.	1
K4EH-BLD	GS4EH	Threadlocker, screw, and replacement blade.	1
KPTHBLD	PTH	Threadlocker, screw, and replacement blade.	1

Hand Tool Holster

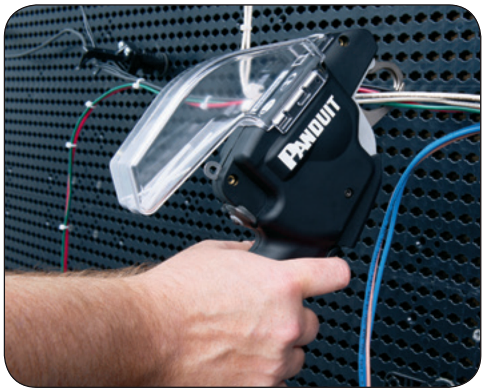
- Durable leather construction holster with rivets and extra tie-down strap to hold tool in place – easily fits on belt

Part Number	Used with Installation Tool	Color	Std. Pkg. Qty.
GHH	GTS-E, GS2B, GTH-E, GS4H, GS4EH, PTS, PPTS, ST3EH	Black	1

Order number of pieces required, in multiples of Standard Package Quantity.

Automatic Cable Tie Installation Systems

The complete line of Panduit® automatic cable tie installation systems offers a superior solution for high volume harness, assembly, fastening and packaging applications. These ergonomic systems increase productivity, provide consistent performance, and reduce activities that lead to repetitive motion injuries. A variety of tool options provide users with flexible solutions for their unique application needs.



System Highlights

Multiple systems improve productivity, reliability, and versatility:

- **Install a cable tie in less than one second**
- **Multiple cable tie styles and sizes for maximum productivity**
- **Optional software for advanced system monitoring and performance**
- **Recommended for annual usage of over 250,000 cable ties/year**
- **Typical applications: High volume OEM/ contract manufacturing**

Combined, these innovations improve reliability, maximize productivity, and lower installed costs. As with all Panduit products, quality in design and production along with customer service excellence, are assured.

Note: Recommeneded for annual usage of over 250,000 cable ties/year. typical applications: high volume OEM/contract manufacturing.

Selection Guide – Automatic Installation Systems and Reel-Fed Cable Ties

PAT1M/PAT1.5M Systems

Tool Head for use with MINIATURE Cross Section

Part Number	Description	Page
PAT1M4.0	For miniature cross section up to .82" (21mm) bundle diameter.	A.8
PAT1.5M4.0	For miniature cable ties up to 1.31" (33mm) bundle diameter.	A.8
PAT1M4.0-BT	For miniature cross section up to .82" (21mm) bundle diameter. For use with Barb Ty.	A.8
PAT1.5M4.0-BT	For miniature cable ties up to 1.31" (33mm) bundle diameter. For use with Barb Ty.	A.8

Dispenser

Part Number	Description	Page
PDM4.0	Stationary dispenser.	A.9
PDS-DI	Data interface accessory – software and interface card.	A.10

Transfer Hose

Part Number	Description	Page
PHM1	3.2' (1m) transfer hose.	A.9
PHM2	6.5' (2m) transfer hose.	A.9
PHM3	10.0' (3m) transfer hose.	A.9
PHM4	13.1' (4m) transfer hose.	A.9

Optional System Accessories

Part Number	Description	Page
PDH10-37	Air hose.	A.10
PL283N1	Filter/regulator.	A.10
PATMBM	Bench mount and foot pedal.	A.10

PAT2S/PAT3S Systems

Tool Head for use with STANDARD Cross Section

Part Number	Description	Page
PAT2S	For standard cross section up to 2.00" (51mm) bundle diameter.	A.8
PAT3S	For standard cross section up to 2.75" (70mm) bundle diameter.	A.8

Dispenser

Part Number	Description	Page
PDS	Stationary dispenser, PAT2S.	A.9
PD3S	Stationary dispenser, PAT3S.	A.9
PDS-DI	Dispenser and data interface software.	A.10

Transfer Hose

Part Number	Description	Page
PHS2	6.5' (2m) transfer hose.	A.9
PHS3	10.0' (3m) transfer hose.	A.9

Dispenser Frame

Part Number	Description	Page
PDSF	Dispenser frame, PAT2S.	A.9
PD3SF	Dispenser frame, PAT3S.	A.9

Optional System Accessories

Part Number	Description	Page
PDH10-37	Air hose.	A.10
PL283N1	Filter/regulator.	A.10
PATSBM	Bench mount and foot pedal for PAT2S and PAT3S.	A.10

Tool Head – Multiple sizes accommodate a wide variety of applications

- Ergonomic, lightweight design reduces operator fatigue and repetitive motion injuries – no counter balance required
- Right or left hand operation
- Durable, one-piece cable tie tip collector (for cut-off tips)
- Includes tension adjustment
- Built-in safety interlock prevents false triggering if anything obstructs jaw path

PAT1M-4.0

PAT1.5M4.0

PAT2S

PAT3S

Part Number	Max. Bundle Dia.		Dispenser/ Frame	Transfer Hose	Used with Cable Ties	Std. Pkg. Qty.
	In.	mm				
PAT1M4.0	.82	21	PDM4.0	PHM1, PHM2, PHM3, PHM4	PLT1M-XMR	1
PAT1.5M4.0	1.31	33	PDM4.0		PLT1.5M-XMR	1
PAT1M4.0-BT	.82	21	PDM4.0		BT1M-XMR	1
PAT1.5M4.0-BT	1.31	33	PDM4.0		BT1.5M-XMR	1
PAT2S	2.00	51	PDS/PDSF	PHS2, PHS3	PLT2S-VMR	1
PAT3S	2.75	70	PD3S/PD3SF		PLT3S-VMR	1

Order number of pieces required, in multiples of Standard Package Quantity.

Dispensers

- Microprocessor based controller monitors system performance through a touch screen display (PDM4.0 only); provides production data and reporting, including error detection and cycle count for improved reliability
- Online HELP menu through LCD display in seven languages (English, Spanish, German, Italian, French, Czech, Japanese), is user-friendly for quick and simple training

PDM4.0

PDS/PD3S

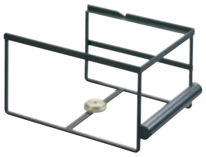
Part Number	Used with Tool Head	Description	Std. Pkg. Qty.
PDM4.0	PAT1M4.0, PAT1.5M4.0, PAT1M4.0-BT, PAT1.5M4.0-BT	Stationary dispenser with electronic display. Online help menu. System operates on 65 psig (minimum) non-lubricated filtered air and 100 – 24 FAC/TP or 60 MHz.	1
PDS	PAT2S		1
PD3S	PAT3S		1

Transfer Hoses

PHM3

Part Number	Used with Tool Head	Part Description	Length Ft.	Length m	Std. Pkg. Qty.
PHM1	PAT1M4.0, PAT1.5M4.0, PAT1M4.0-BT, PAT1.5M4.0-BT	Transfers cable tie and signal from dispenser to tool head; electrical connectors designed for easy attachment provide a reliable, secure connection.	3.2	1	1
PHM2			6.5	2	1
PHM3			10.0	3	1
PHM4			13.1	4	1
PHS2	PAT2S, PAT3S		6.5	2	1
PHS3			10.0	3	1

Dispenser Frame



PDSF

PD3SF

Part Number	Used with Dispenser	Description	Std. Pkg. Qty.
PDSF	PDS (PAT2S)	Metal frame supports the PDS dispenser for PAT2S above the cable tie reel as ties are loaded into the dispenser; can be used as a freestanding unit or permanently mounted to a bench or cart.	1
PD3SF	PD3S (PAT3S)	Assembly holds cable tie reel and rewinds the packaging paper liner as cable ties are being loaded into the dispenser.	1

Optional System Accessories:

Filter/Regulator and Air Supply Hose

PL283N1

PDH10-37

Part Number	Used with Dispenser	Description	Std. Pkg. Qty.
PL283N1	PDM4.0, PDS	Regulates air flow to dispenser. Filter/regulator 25 micron (max.) element, 3/8" ports. Includes a male connector and a 3/8" port.	1
PDH10-37	PDM4.0, PDS	Air hose from filter/regulator to dispenser; 10.0' (3m) – includes standard air fittings.	1

Bench Mount

PATMBM

Part Number	Used with Tool Head	Description	Std. Pkg. Qty.
PATMBM	PAT1M4.0, PAT1.5M4.0, PAT1M4.0-BT, PAT1.5M4.0-BT	Allows hands-free operation for high volume usage. Includes bench mount fixture and foot pedal assembly.	1
PATSBM	PAT2S, PAT3S		1

Data Interface Software and Ethernet Enabled Dispenser

Panduit® exclusive Ethernet enabled dispenser and customized data interface software allow production personnel to monitor real-time data in a shop floor environment.

The Ethernet enabled dispenser provides a physical connection between the cable tie installation system and an Industrial Ethernet Network via an RJ45 connection and internal Ethernet card.

- Allows production and/or engineering personnel the capability to measure and track production performance such as job tracking, cycle counts, tool and dispenser serial numbers, and routine maintenance
- Provides the ability to send email notifications for specific system messages
- Data extraction and reporting capabilities on system performance through an exportable electronic log; helps identify operator training needs
- Ability to monitor alerts from remote desktop locations

Part Number	Used with Dispenser	Description	Std. Pkg. Qty.
PDS-DI	PDS	Ethernet enabled PDS dispenser and data interface software.	1

PAT/Robot Integration Kit

- Used with the PAT1M4.0, PAT1.5M4.0, PAT1M4.0-BT, and PAT1.5M4.0-BT tool heads
- Utilizes the PAT system electronic interface option, PDM-EI, to optimally integrate the PAT system to a robot for a completely automated cable tie installation process
- Significantly reduces labor costs while improving installation quality, reliability, and consistency

PATM4.0-RK

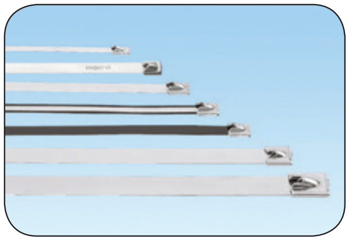
PATM-TT

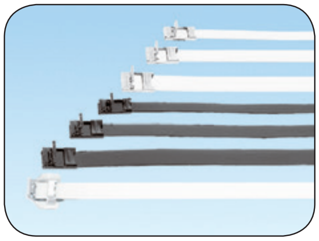
Part Number	Components	Description	Std. Pkg. Qty.
PATM4.0-RK	Metallic housing	Includes a pneumatic trigger actuator for remote cable tie installation and a mounting bolt pattern to ease PAT tool integration with a robot end effector for a robust and accurate grip.	1
	Transfer hose strain relief kit	Strain relief to maintain transfer hose bend radius reducing tie misfeeds due to sharp hose bend radii during robot motion; also sold separately under part number PATM-RKS (includes two 1-foot strain relief tubes with fastening cable ties).	
	Quick start guides	Provides easily understood electrical, network, and mechanical installation instructions minimizing the robot integrator's design time and simplifying the integration process.	
	Best practices document	List of best practices when integrating the PAT system to a robot optimizing system performance and productivity.	
PATM-TT	Test tool with rubber jaws	This test tool is used during robot cable tie installation programming, providing a safe method to debug robot software without damaging actual PAT tools (test tool is not provided with the PAT/Robot Integration Kit).	1
PATM-RKS	Transfer hose strain relief kit	Strain relief to maintain transfer hose bend radius reducing cable tie misfeeds due to sharp hose bend radii during robot motion; kit is also included on the PATM-RK kit or sold separately (includes two 1-foot strain relief tubes with fastening cable ties).	1

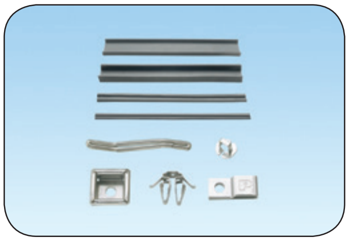
Notes

Stainless Steel Cable Ties and Accessroies

The Pan-Steel® System provides a strong, durable method of bundling and mechanical fastening, for all indoor, outdoor, and underground (including direct burial) applications. The ties are designed for use in critical applications where strength, vibration, radiation, weathering, corrosion and temperature extremes are a factor.







- **Patented locking head design assures locking in any position, with a high rated loop tensile strength for a durable solution that delivers an extra margin of safety**
- **201, 304, or 316 grade stainless steel provides a strong, long-lasting method of bundling and mechanical fastening in harsh environments**
- **Accessories available to protect, speed, and simplify the mounting of wires, cable, and tubing with Panduit® Pan-Steel® Stainless Steel Cable Ties**
- **Complete line of manual and powered installation tools available with controlled tension and automatic cut-off for lower installed cost**
- **Large selection of stainless steel cable ties to deliver maximum design flexibility to match specific application requirements**

Panduit continues to develop stainless steel solutions for harsh environment applications by solving customer problems with innovative products and reliable tooling to achieve lowest installed cost.

Heat Trace Installation Tools

- Tools speed installation
- Features high reliability, low maintenance, and long life

ST4MT

RT2HT

Ordering Information

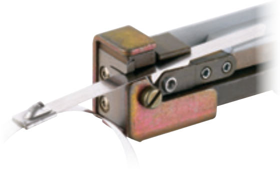
Part Number	Description	Std. Pkg. Qty.
ST4MT	Installation tool for use with HTMLT. Manual tensioning controlled by operator. This tool has a built in cutting lever for clean recessed cutoff.	1
RT2HT	Installation tool for use with standard to extra heavy ties. Side entry design for immediate positioning of tie and tool in order to speed installation. Tensioning controlled by operator. Use lowest tension setting for this application.	1

Stainless Installation Tools

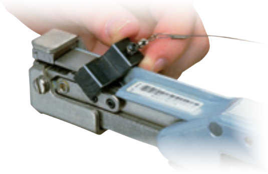
GS4MT Hand-Operated Installation Tool

- Single handle operation for fast installation
- Cable tie side entry for immediate positioning of tie and tool
- Controlled tension, fully adjustable
- Easy removal of excess tie
- Qualified product listed per MIL Standard MS90387-3
- Automatically tensions and cuts off tie when predetermined tension is reached
- Installs standard 0.18 inch (4.6mm), light-heavy 0.25 inch (6.4mm) and heavy 0.31 inch (7.9mm) cross section ties

GS4MT



Side Entry



CAMT

Part Number	Part Description	Std. Pkg. Qty.
GS4MT	Used with standard, light-heavy, and heavy cross section Pan-Steel® type MLT ties, type MLTC/MLTFC coated ties, and type MLTDH double wrapped ties.	1
K4M-BLD	Replacement cutter blade for GS4MT.	1
K4MTG	Replacement tension gripper for GS4MT.	1
CAMT	Cut-off accessory. Use this accessory with GS4MT tool to cut MBH or MBS continuous banding. Accessory drops in place for use.	1

Order number of pieces required, in multiples of Standard Package Quantity.

Tool Tension Locking Kits

- For applications requiring a locking device on either the selector knob (one cross section size and tension only) or tension level adjustment (but allow cross section size changes).

To lock selector knob and tension level.

To lock fine adjustment.

Part Number	Part Description	Std. Pkg. Qty.
TTLK3	Tool tension locking kit for GS4MT and PPTMT installation tools.	1

ST2MT and ST4MT Installation Tool

- Cable tie side entry for immediate positioning of tie and tool
- One hand operation – lightweight
- Easy removal of excess tie
- Tool tension is controlled by installer
- Rugged, lightweight, easy-to-operate pliers-type tool provides mechanical advantage

Part Number	Part Description	Std. Pkg. Qty.
ST2MT	Used with standard, light-heavy, heavy and extra-heavy cross section Pan-Steel® type MLT ties, type MLTC/MLTFC coated ties, wave ties, and type MLTDH double wrapped ties. This tool has twist action cut-off mechanism.	1
ST4MT	Installation tool for use with HTMLT. Manual tensioning controlled by operator. This tool has a built in cutting lever for clean recessed cutoff.	1

RT2HT and RT2HTN Installation Tools

- Cable tie side entry for immediate positioning of tie and tool to speed installation
- Multi-position rear handle provides flexibility for a one or two hand installation
- Narrow nose tool design option available for applications requiring installations in tight confined spaces
- Replacement cutter blade and handle available for RT2HT

RT2HT

RT2HTN

Part Number	Part Description	Std. Pkg. Qty.
RT2HT	Used with extra-heavy, extra-heavy 15, and super-heavy cross section Pan-Steel® type MLT, Wave-Ty™, and MLTFC ties. Width of tool nose 2.60" (66.0mm).	1
RT2HTN	Narrow nose installation tool for use with extra-heavy, extra-heavy 15, and super-heavy cross section Pan-Steel® type MLT and MLTFC ties. Width of tool nose 1.06" (27.0mm).	1

HTMT Installation Tool

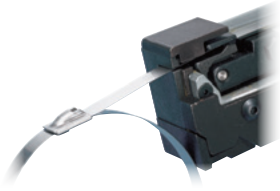
- Economical
- Coiled tie end remaining after tensioning assures a safe end
- Manual tension, no cut-off
- Installs ties parallel to the bundle

Part Number	Part Description	Std. Pkg. Qty.
HTMT	Used with standard, light-heavy, and heavy cross section Pan-Steel® type MLT ties, type MLTC/MLTFC coated ties, and type MLTDH double wrapped ties.	1

PPTMT Pneumatic Installation Tool

- Power assisted tool for fast and effortless installation
- Cable tie side entry for immediate positioning of tie and tool
- Controlled tension, fully adjustable
- Automatic cut-off
- One hand operation – lightweight
- Easy removal of excess tie
- Operates 85 PSI (586 KPA Bar) non-lubricated air and requires no special maintenance

PPTMT



Side Entry

Part Number	Part Description	Std. Pkg. Qty.
PPTMT	Pneumatic Installation tool for use with the following stainless steel cross section ties: • Type MLT: Standard, light-heavy, and heavy • Type MLTFC: Standard and heavy • Type MLTC and MLTDH: Heavy Used with custom length banding cross sections: • Type MB: Standard and heavy • Type MBC: Heavy Automatically tensions and cuts off tie flush* when predetermined tension is reached, providing more reliable and consistent installations. Ideal for high production applications Installs both standard 0.18 in. (4.4mm) and heavy 0.31 in. (7.9mm) cross section ties with the flip of the knob.	1
PPH10	10.0' (3m) hose assembly (regulator to tool); includes a 0.13" (3.3mm) NPT male connector (to regulator) and 0.13" (3.3mm) female quick disconnect (to tool).	1
PL289N1	Filter/regulator .5 micron element, regulated range 3 – 100 psig, features 0.13" (3.3mm) NPT female output port (to hose PPH10) and 0.25" (6.4mm) male quick disconnect to source air line.	1
KPPTMTG	Replacement gripper kit for PPTMT.	1
KPPTMTB	Replacement blade kit for PPTMT.	1

PBTMT Battery Powered Installation Tool

- Lithium-Ion battery optimizes performance by installing more cable ties per charge
- Ergonomic tool design provides a compact lightweight body, reducing operator fatigue
- Automatic flush cut off enhances productivity with easy one hand installation
- Cable tie side entry allows quick side entry of tie into tool to speed installation
- 360° rotating head allows access to confined spaces
- Controlled tension mechanism provides consistent installations every time
- Battery indicator improves productivity with quick visual identification of battery life
- Variable speed trigger provides increased operator control, for easy installation

PBTMT

Part Number	Part Description	Std. Pkg. Qty.
PBTMT	Battery Powered Installation tool for use with the following stainless steel cross section ties: • Type MLT and MLTFC: Heavy, extra-heavy, and super-heavy • Type MLTC: Heavy • Type MLTDH: Extra-Heavy and super-heavy Used with custom length banding cross sections: • Type MB and MBC: Heavy, extra-heavy, and super-heavy 2 – 12 volt Lithium-Ion batteries and 115 volt, 60 Hz charger included	1

MTRT Retained Tension Manual Installation Tools

- Adjustable detent mechanism provides user pre-set controlled tension for repeatable installations and maximum reliability
- Smooth cable tie cut-off eliminates burrs or sharp edges after installation to deliver added bundle protection and job site safety
- Tie tensioning mechanism provides improved durability compared to conventional gripper style tools
- Change over kits available to allow for installation of all tie cross sections with one tool

Part Number	Part Description	Std. Pkg. Qty.
MTRTH	Retained tension installation tool for use with Pan-Steel® heavy cross section MRT and MRS style ties and MRT double wrapped style ties.	1
MTRTLS	Retained tension installation tool for use with Pan-Steel® light-heavy and standard cross section MRT and MRS style ties and MRT double wrapped style ties.	1
KMTRTH	Change over kits allow for installation of heavy cross section MRT and MRS style ties, and MRT double wrapped style ties in MTRTH tools.	1
KMTRTLS	Change over kits allow for installation of light-heavy and standard cross section MRT and MRS style ties, and MRT double wrapped style ties in MTRTLS tools.	1

BT2HT Hand Operated Installation Tool for Strapping

- Strap side entry
- Multi-position rear handle provides flexibility for a one or two hand installation
- Adjustable tension control
- Easy removal of excess strap
- Installs (3) sizes: 0.38 inch (9.5mm), 0.50 inch (12.7mm), and 0.63 inch (15.9mm)
- Replacement cutter blade and handle available

Part Number	Part Description	Std. Pkg. Qty.
BT2HT	Installation tool for use with 0.38" (9.5mm), 0.50" (12.7mm), and 0.63" (15.9mm) widths of Panduit® Pan-Steel® Strapping. Tensions, cuts strapping, and secures the buckle tab. Lever cut off.	1
KRT2BLD	Replacement cutter blade for RT2HT and BT2HT.	1
KRT2HNDL	Replacement cutter handle for RT2HT and BT2HT.	1

BT75SDT Hand Operated Installation Tool for MS75 Strapping

- Screw drive tension mechanism provides high tension with minimal effort, reducing operator fatigue
- Heavy duty construction offers a longer service life
- Strapping side entry allows quick side entry of the strap into tool to speed installation

Part Number	Part Description	Std. Pkg. Qty.
BT75SDT	Installation tool for use with 0.75" (19.1mm) width strapping only. Tensions and cuts strapping. Screwdriver required for buckle closure (not included).	1

Order number of pieces required, in multiples of Standard Package Quantity.

Wiring Duct Tools

Panduit® offers a selection of Panduct® Tools to aid cutting, modifying, and installing wiring duct.

Some of the features and benefits found in Panduct® Tools include:

- **Wide selection of hand tools for cutting and installing wiring duct**

Panduct® Installation Tools

- Panduit® Panduct® Bench Mount Wiring Duct Cutting Tool and Duct Cutting Tool easily cut Panduct® Wiring Duct and Cover
- DNT-100 notches duct sidewalls to bottom scoreline for tees and corner junctions
- TNR installs or removes Panduit nylon rivets, NR1-C and NR1-M, quickly and easily
- DFCT easily removes duct fingers in tight spaces

PBDCT

DCT

DFCT

DNT-100

TNR

NR1

Part Number	Part Description	Std. Pkg. Qty.
Duct Cutting Tools		
PBDCT*	Panduit bench-mount duct cutting tool. Cuts slotted wiring ducts and wiring duct covers with up to 6" width and up to 5" height. Full 78.74" (2 meter) measuring scale. Includes safety guarding.	1
DCT	Hand-held duct cutting tool.	1

*If ordering PBDCT outside the U.S., these part numbers must both be ordered: PBDCT-B and PBDCT-M.

Part Number	Part Description	Std. Pkg. Qty.
Replacement Parts for Duct Cutting Tools		
PBDCT-BLD	Replacement blade for PBDCT	1
WD25737B01	Replacement handle for PBDCT	1
DCT-BLD	Replacement blade kit with blade and nylon insert for DCT.	1
DCT-RI	Replacement nylon insert.	1
Duct Finger Cutting Tool (For use with all wide slotted duct types)		
DFCT	Hand-held duct finger cutting tool	1
Duct Notching Tool (For use with all wide slotted duct types)		
DNT-100	Hand-held sidewall notching tool	1
Nylon Rivet Installation Tool		
TNR	Hand-held nylon rivet installation tool	1
Nylon Rivets		
NR1-C	Nylon rivet for use with TNR rivet tool Mean pull-off force PVC: 90 lbs. Type NE/Type NNC: 70 lbs Mean shear force: PVC 139 lbs. Type NE/Type NNC: 126 lbs	100
NR1-M	Nylon rivet for use with TNR rivet tool Mean pull-off force PVC: 90 lbs. Type NE/Type NNC: 70 lbs Mean shear force: PVC 139 lbs. Type NE/Type NNC: 126 lbs	1000

Notes:
- Always use approved safety goggles when using any tools.
- If ordering PBDCT outside the U.S., these part numbers must both be ordered: PBDCT-B and PBDCT-M.

Total Thickness of Panel and Duct		Panel Hole Dia. Needed		ANSI Standard Drill Bit
In.	mm	In.	mm	
0.158 – 0.187	4.0 – 4.7	0.187	4.7	#15
0.188 – 0.218	4.8 – 5.5	0.193	4.9	#11
0.219 – 0.250	5.6 – 6.4	0.203	5.2	#7
0.251 – 0.281	6.5 – 7.1	0.213	5.4	#4

Terminal Crimping Tools

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

- **Ergonomic design to minimize operator effort**
- **Features crimping tools with a controlled cycle mechanism ensuring repeat reliability in every crimp**
- **Superior locator ensures proper location of the terminal barrel or insulated disconnect in the crimp pocket**
- **Battery powered, hydraulic tools with fingertip operation are available to meet a variety of installation needs**
- **UL Listed and CSA Certified tooling/product combinations, as noted**

Panduit terminal crimping tools are available in an assortment of styles to meet a variety of installation needs. The installer can control the crimp with the plier type hand operated crimping tool. Hand operated Contour Crimp™ Controlled Cycle Crimping Tools feature ergonomically designed cushioned grips with low handle effort. Panduit terminal crimping tools are designed for use with Panduit terminals, providing the right solution for your termination needs.

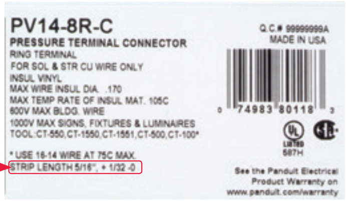
Crimping Guidelines for Panduit® Pan-Term® Terminals, Disconnects, Splices and Wire Joints

1. Select the proper Panduit terminal for the application and wire size used

- Ring terminals are used for high vibration and grounding applications
- Fork terminals are used for static (non-vibration) applications
- Disconnects are used for applications that require quick connection of wires without the use of tools
- Splices and wire joints are used to join wires together

2. Strip wire to the proper length as specified on:

- Panduit product packaging label
- Packaging instructions included with the Panduit product
- Or if no packaging instructions are available, plan your strip length so that 1/32" of wire can be seen protruding through the tongue end of the terminal barrel



PV14-8R-C
PRESSURE TERMINAL CONNECTOR
RING TERMINAL
FOR SOL & STR CU WIRE ONLY
INSUL VINYL
MAX WIRE INSUL DIA. .170
MAX TEMP RATE OF INSUL MAT. 105C
600V MAX BLDG. WIRE
1000V MAX SIGNS, FIXTURES & LUMINAIRES
TOOL:CT-550,CT-1550,CT-1551,CT-500,CT-100*

* USE 16-14 WIRE AT 75C MAX.
STRIP LENGTH 5/16", + 1/32 -0

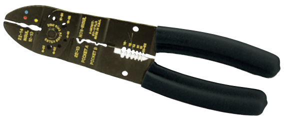
Q.C.# 99999999A
MADE IN USA

LISTED
587H

See the Panduit Electrical
Product Warranty on
www.panduit.com/warranty

3. Select the proper crimp tool to be used

- Use crimping tools that provide a UL Listed and/or CSA Certified electrical termination, to assure a safe and reliable connection
- Panduit terminals are UL Listed and CSA Certified when crimped with Panduit plier type crimping tool or with the preferred Contour Crimp™ Controlled Cycle Crimping Tool specified on the packaging label

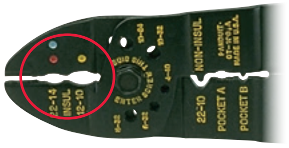


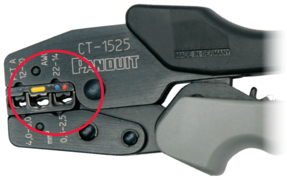
**Plier Type
Crimping Tool**

**Contour Crimp™
Controlled Cycle
Crimping Tool**

4. Select the proper crimp pocket for the terminals and wire size you are using

- Panduit crimping tools simplify this process with color-coded crimp pockets. The yellow, blue, and red pockets are specifically designed for the industry standard barrel sizes, each with a specific color code.





5. Perform the electrical crimp for the plier type tool

Insulated Terminals and Disconnects

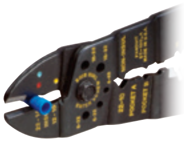
A. Locate terminal in appropriate size color-coded crimp die pocket with tool centered on insulation sleeve. *(See Note 1, page D.4)*

B. Rotate terminal so tongue is level with crimp die.

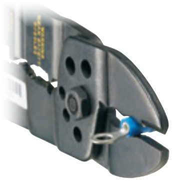
C. Insert properly stripped wire into terminal until a minimum of 1/32" of wire extends beyond the terminal barrel.

D. Squeeze tool handles firmly to perform the electrical crimp. *(See Note 2, page D.4)*

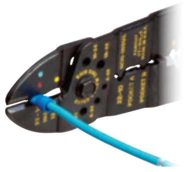
E. Provide second crimp on the flared portion of the insulation housing to close the insulation as shown. Caution: When using plier type crimping tools, do not squeeze as firmly as you did for the electrical crimp. *(See Note 3, page D.4)*



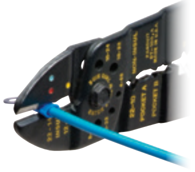
Step A



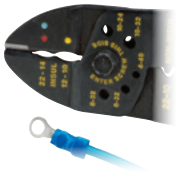
Step B



Steps C and D



Step E



Complete Crimp

Continues on next page

Crimping Guidelines for Panduit® Pan-Term® Terminals, Disconnects, Splices and Wire Joints (continued)

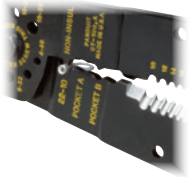
Non-Insulated Terminals and Disconnects

A. Locate terminal in appropriate wire gauge crimp die pocket with indenter centered on barrel seam.

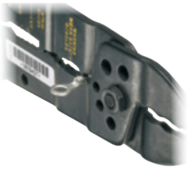
B. Rotate terminal so tongue is level with crimp die.

C. Insert properly stripped wire (based on recommendations on package label) into terminal until a minimum of 1/32" of wire extends beyond the terminal barrel.

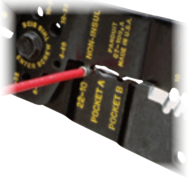
D. Squeeze tool handles firmly to perform the electrical crimp. *(See Note 2, page D.4)*



Step A



Step B



Steps C and D

Complete Crimp

Insulated and Non-Insulated Parallel Splices

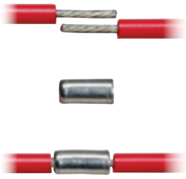
A. Locate parallel splice in appropriate wire gauge crimp die pocket and position tool on the center of the splice.

B. Rotate terminal so tongue is level with crimp die.

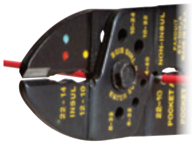
C. Insert properly stripped wire (based on recommendations on package label) into each end of the parallel splice.

D. Squeeze tool handles firmly. *(See Note 2, page D.4)*

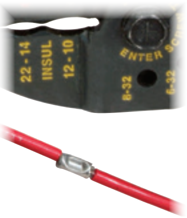
E. An insulation crimp is not required on an insulated parallel splice.



Steps A and B



Steps C and D



Complete Crimp

Insulated and Non-Insulated Butt Splices

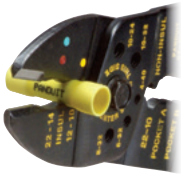
A. Locate butt splice in appropriate color-coded crimp die pocket and position crimp halfway between the wire stop (center of splice) and the end of the insulation crimp area. *(See Note 4, page D.4)*

B. Insert properly stripped wire (based on recommendations on package label) into one end of butt splice.

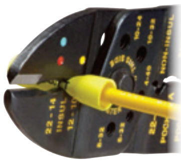
C. Squeeze tool handles firmly to perform the electrical crimp *(See Note 2, page D.4)*

D. Provide second crimp on the flared portion of the insulation housing to close the insulation. Caution: When using plier type crimping tools, do not squeeze as firmly as you did for the electrical crimp. *(See Note 3, page D.4)*

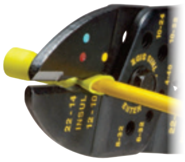
E. Repeat steps 1 – 4 for opposite end of butt splice. *(See Note 3, page D.4)*



Steps A and B



Step C



Steps D and E

Complete Crimp

Continues on next page

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Crimping Guidelines for Panduit® Pan-Term® Terminals, Disconnects, Splices and Wire Joints (continued)

Insulated and Non-Insulated Wire Joints

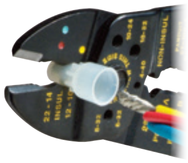
A. Properly strip wires per manufacturer's recommendations on product package label.

B. Twist stripped wire ends together and insert wires into wire joint.

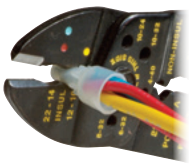
C. Locate wire joint in appropriate wire gauge crimp die pocket and position crimp in the center of the metal insert.

D. Squeeze tool handles firmly to perform the electrical crimp. *(See Note 2 below)*

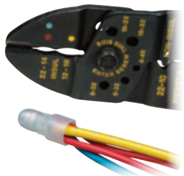
Note: An insulation crimp is not required on an insulated wire joint.



Steps A and B



Steps C and D



Complete Crimp

NOTES for Crimping with the Preferred Hand Operated Controlled Cycle Crimping Tools:

1. Panduit controlled cycle crimping tools properly locate rings, forks, and barrel insulated disconnects, pins, and blades. No further positioning is required.
2. When using the preferred controlled cycle tool, once a crimp has been started, the ratchet device of controlled cycle tools will not release until the crimp is complete, independent of operator expertise.
3. Controlled cycle tools provide the electrical crimp and the insulation closure in a single cycle of the tool.
4. When using controlled cycle tooling, insulated butt splices must be inserted from the back of the tool to ensure that the electrical and insulation closure crimp pockets are properly aligned with the splice.

5. Perform the electrical crimp using the preferred controlled cycle tool

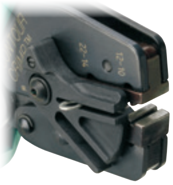
A. Make sure the terminal barrel is centered correctly in the right die pocket by using the product locator on the backside of the tool.

B. Determine the correct die pocket to use based on the color code of the terminal.

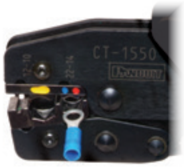
C. Squeeze the handles of the tool until one click is heard; this click indicates the terminal is now held in place securely to insert the wire.

D. Insert the wire and complete cycle to perform the electrical and insulation crimp simultaneously.

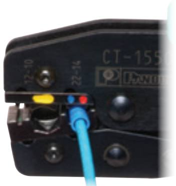
E. Crimp is complete.



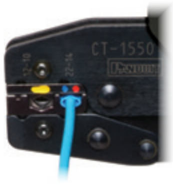
Step A



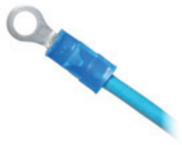
Step B



Step C



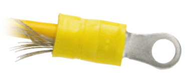
Step D



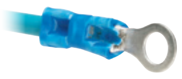
Complete Crimp

6. Inspect the crimp

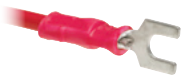
Note: If your crimp looks like any of the examples shown below, cut off the terminal and re-crimp. These crimps would provide a poor connection!



Bent Back Strands



Over Crimp



Rotated Crimp

Hand Operated Plier Type Tools

- Installer controlled crimp
- Available with wire stripping and cutting features
- Plier type crimp for #22 – 10 AWG insulated and non-insulated terminal products

CT-260

CT-200

CT-160

CT-100A

Part Number	Part Description	Std. Pkg. Qty.
CT-260	Crimps most Panduit® #22 – 10 AWG insulated and non-insulated terminals. Forged steel tool. Cuts wire.	1
CT-200	Forged steel tool. Crimps most Panduit #22 – 10 AWG non-insulated terminals, disconnects and splices. Cuts wire.	1
CT-160	Crimps most Panduit #22 – 10 AWG insulated and non-insulated terminals disconnects and splices. Cuts three U.S. and three metric screw sizes. Cuts and strips wire. Has insulation closure pocket.	1
CT-100A	Crimps most Panduit #22 – 10 AWG insulated and non-insulated terminals, disconnects, and splices. Cuts #4, #6, #8 and #10 screw sizes. Cuts and strips wire. Excellent all-around application tool of heat treated finished steel with comfortable cushioned plastic grip handles.	1

Wire and Cable Stripping Tools

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

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

Contour Crimp™ Controlled Cycle Tools

- Controlled cycle mechanism assures high quality, consistent terminations
- Ergonomic tool design assures operator comfort, safety, and performance
- Polypropylene handles provide chemical resistance and a cushioned, non-slip grip

CT-1525

CT-1550

CT-1551

CT-1570

CT-1700

CT-1701

CT-1015

Part Number	Part Description	Std. Pkg. Qty.
CT-1525	Crimps Panduit® #26 – 22 AWG insulated terminals and splices, #22 – 10 AWG fully insulated disconnects and insulated parallel splices. Crimps Panduit #22 – 14 AWG barrel insulated disconnects.	1
CT-1550	Crimps most Pan-Term® #22 – 10 AWG nylon and vinyl insulated terminals, splices, and disconnects. The CT-1550 has the red/blue pocket closest to the pivot which provides a reduced crimp effort for those who make red/blue terminations.	1
CT-1551	Crimps most Pan-Term® #22 – 10 AWG nylon and vinyl insulated terminals, splices, and disconnects. The CT-1551 has the yellow pocket closest to the pivot which provides a reduced crimp effort for those who make yellow terminations.	1
CT-1570	Crimps most Pan-Term® #22 – 10 AWG and 0.5 – 6.0mm^2 non-insulated terminals and disconnects. Crimps Panduit #22 – 10 AWG and 0.5 – 6.0mm^2 non-insulated splices and #10 AWG compression lugs.	1
CT-1700	Crimps Panduit #8 – 2 AWG non-insulated tubular terminals (S series), #8 – 1 AWG copper code conductor lugs and splices, #8 – 2 AWG copper flex conductor lugs, #6 – 4 AWG dual rated aluminum lugs and splices and CTAPF10-16 to CTAPF3-12 copper taps. Includes 5-position, color coded rotating die.	1
CT-1701	Crimps Panduit #10 – 2 AWG non-insulated large gauge ring terminals (P series), #12 – 4 AWG non-insulated heavy duty ring terminals (P series), and #14 – 10 AWG copper code conductor lugs. Includes 5-position, rotating die.	1
CT-1015	Crimps Panduit #22 – 14 AWG loose piece Supra-Grip™ Disconnects.	1

Controlled Cycle Crimping Tools

- Specialty crimping tools for fully insulated right angle disconnects and heat shrink insulated terminals, disconnects, and splices
- Controlled cycle mechanism assures high quality, consistent terminations

CT-300-1

Part Number	Part Description	Std. Pkg. Qty.
CT-300-1	Crimps Panduit #22 – 14 AWG fully insulated right angle disconnects (DNFR-FIB series).	1
CT-310	Blue handle tool crimps Panduit #22 – 10 AWG heat shrink insulated terminals, disconnects, and splices.	1

Controlled Cycle Crimping Tools – Ferrule End Sleeve

- Specifically designed for the installation of Pan-Term® Ferrules
- Controlled cycle mechanism assures high quality, consistent terminations
- Ergonomic tool design assures operator comfort, safety, and performance
- Multi-position locator facilitates a high quality repeatable crimp

CT-1002

CT-1003

CT-1004

CT-1005

CT-1006

CT-1104

CT-1123

Part Number	Part Description	Std. Pkg. Qty.
CT-1002	Controlled cycle crimp tool with trapezoid profile for #26 – 10 AWG (0.14 – 6.0mm²) insulated and non-insulated single wire ferrules and #22 – 12 AWG (0.50 – 4.0mm²) insulated twin wire ferrules.	1
CT-1003	Controlled cycle crimp tool with trapezoid profile for #22 – 8 AWG (0.50 –10.0mm²) insulated and non-insulated ferrules and #22 – 10 AWG (0.50 – 6.0mm²) insulated twin wire ferrules.	1
CT-1004	Controlled cycle crimp tool with trapezoid profile for #8 – 6 AWG (10.0 – 16.0mm²) insulated and non-insulated ferrules and #10 AWG (6.0mm²) insulated twin wire ferrules.	1
CT-1005	Controlled cycle crimp tool with trapezoid profile for #4 – 2 AWG (26.0 – 35.0mm²) insulated and non-insulated ferrules.	1
CT-1006	Controlled cycle crimp tool with trapezoid profile for #1 AWG (50.0mm²) insulated and non-insulated ferrules.	1
CT-1104	Controlled cycle crimp tool with square profile for #8 – 6 AWG (10.0 – 16.0mm²) insulated and non-insulated ferrules and #10 AWG (6.0mm²) insulated twin wire ferrules.	1
CT-1123	Controlled cycle crimp tool with square profile for #26 – 8 AWG (0.14 – 10.0mm²) insulated and non-insulated ferrules and #22 – 12 AWG (0.50 – 4.0mm²) insulated twin wire ferrules.	1

Semiautomatic Ferrule Crimping Tool CT-1000

- Innovative rapid load design utilizes continuously molded ferrules to significantly reduce installation time
- Controlled cycle tool cuts, strips, and crimps wire to maximize efficiency
- Adjustable die setting allows termination of all Panduit® #20 – 14 AWG continuously molded ferrules with a single tool

Part Number	Part Description	Std. Pkg. Qty.
CT-1000	Controlled cycle crimp tool with trapezoid profile for #20 – 14 AWG (0.50 – 2.5mm^2) insulated continuously molded ferrules on strips. Also cuts and strips wire.	1

Controlled Cycle Crimping Tools – In-Line

- Military specialty tools help meet military and nuclear test requirements for Class 2 applications
- In-line crimp action for greater dielectric strength with uniform insulation compression
- Calibration-recalibration is possible for maintaining exact crimp dimensions

Part Number	Part Description	Std. Pkg. Qty.
CT-400	Crimps #22 – 14 Panduit insulated terminals, disconnects, and splices. Comes complete with tools for calibration. Has adjustable pre-load and emergency ratchet. Helps meet military and nuclear requirements.	1
CT-460	Crimps #16 – 10 Panduit insulated terminals, disconnects, and splices. Has same features as CT-400 above.	1

For proper crimp head selection, see the tooling selection guide for Panduit terminals, splices, and disconnects on pages D.13 – D.15, in this catalog.

Pneumatic Crimping Tool

- Quickly crimps a variety of loose piece terminals in a variety of wire sizes for medium volume production
- Versatile interchangeable crimping heads let you switch terminal types quickly to meet changing production requirements; this tool, when used with only four crimp heads, can crimp a full range of #26 – 10 AWG insulated and non-insulated terminal products
- Portable – the small size, ease of bench mounting and quick pneumatic connection allow the tool to be moved from one work station to another or to the work itself

Part Number	Part Description	Std. Pkg. Qty.
CT-600-A	Pneumatic tool, 6' air hose and carrying case. Does not include crimping heads (ordered separately).	1
CT-500CH	Crimping head for most #22 – 14 insulated terminals, splices, and disconnects.	1
CT-520CH	Crimping head for most #22 – 14 insulated butted seam disconnects and #26 – 22 insulated terminals.	1
CT-550CH	Crimping head for most #22 – 10 insulated terminals and splices.	1
CT-570CH	Crimping head for #22 – 10 non-insulated terminals, splices, and disconnects.	1
PD-600-A	Positioning device (for bench mounting of CT-600-A).	1
FPC-600-A	Foot actuator operating air pressure: 80 – 100 psi 0.233 SCFM type of air: lubricated. Recommend using Norgren (Brand) #FLR222-012-043008 filter lubricator regulator.	1
K600-A	Update kit for foot pedal control and positioning device to work with new CT-600-A pneumatic crimping tool.	1

For proper crimp head selection, see the tooling selection guide for Panduit terminals, splices, and disconnects on pages D.13 – D.15, in this catalog.

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 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 E.3 – E.5.

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

CD-720PV8-2

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 E.3 – E.5 for connector and tool selection information.

CT-2500/L Battery Powered Crimping Tool NEW!

- Quick 2-4 second crimping cycle, depending on the cross-section, results in less time to crimp terminals compared to conventional methods
- Lightweight 2.81 lb. (1.28)Kg design provides maximum productivity and ease of use in continuous workflow operations
- Interchangeable crimp heads for termination of all Panduit #22 – 10 AWG terminals, disconnects, and splices
- Crimping force 1.5 Tons (15kN)
- High-performance 10.8 Volt 1.5Ah Lithium-ion battery with high capacity and extremely short charging time ~30 min.
- Electronic controlled and monitoring of operation
- Integrated pressure measurement with visual and audible signals
- Functional evaluation using optical interface and USB-Adapter
- LED for workplace illumination
- Multifunction LED for maintenance display and data transfer via USB adapter
- CE and RoHS compliant

CT-2500/L

CT-2550CH

CT-2500BC

Part Number	Part Description	Std. Pkg. Qty.
Crimp Tools		
CT-2500/L	Crimps Panduit #22 – 10 AWG insulated and non-insulated Terminals, disconnects, and splices. Includes tool, two battery cartridges (CT-2500/LBC) battery charger (CT-2500/LCHR) and molded carrying case. Crimp heads not included. Meets U.S. Voltage requirements.	1
CT-2500/LE	Crimps Panduit #22 – 10 AWG insulated and non-insulated Terminals, disconnects, and splices. Includes tool, two battery cartridges (CT-2500/LBC) battery charger (CT-2500/LECHR) and molded carrying case. Crimp heads not included. Meets European voltage requirements.	1
Crimp Head Frames		
CT-2550CH	Crimps Panduit #22 – 10 AWG insulated terminals, disconnects, and splices.	1
CT-2525CH	Crimps Panduit #22 – 10 AWG fully insulated disconnects and insulated parallel splices.	1
CT-2570CH	Crimps Panduit #22 – 10 AWG non-insulated terminals, disconnects, and splices.	1
CT-2500CH	Blank Crimp Head for use with CD-525, CD-550 and CD-570 Die Inserts.	1
Die Inserts For Use With CT-2500CH Crimp Head Frame		
CD-525	Die insert used with CT-2500CH (sold separately) to crimp Panduit #22 – 10 AWG fully insulated disconnects and insulated parallel splices.	1
CD-550	Die insert used with CT-2500CH (sold separately) to crimp Panduit #22 – 10 AWG insulated terminals, disconnects, and splices.	1
CD-570	Die insert used with CT-2500CH (sold separately) to crimp Panduit #22 – 10 AWG non-insulated terminals, disconnects, and splices.	1
Accessories		
CT-2500/LCHR	U.S. compatible battery charger for use with the CT-2500/L.	1
CT-2500/LECHR	European compatible battery charger for use with the CT-2500/LE.	1
CT-2500/LBC	Rechargeable tool battery for use with the CT-2500/L.	1

CT-2600/L Battery Powered Hydraulic, 4 Ton, Crimping Tool NEW!

- Battery powered hydraulic design delivers quick termination of #8 – 2 AWG large wire insulated and non-insulated ring terminals
- Quick 3-4 second crimping cycle, depending on the cross-section, results in less time to crimp terminals compared to conventional methods
- Compact, portable, and lightweight 5.5 lb. (2.5)Kg design provides maximum productivity and ease of use in continuous workflow operations
- Ram retracts automatically to signal crimp is complete
- Retractable slide button allows ram to retract in mid-cycle for manual adjustment of terminals
- Snap in crimp die provides quick change of Panduit interchangeable crimp dies without the use of tools
- Slim 360° rotations crimp head design allows use in limited space areas
- Crimping force 4.0 Tons (35kN)
- High-performance 18 Volt 2.0Ah Lithium-ion battery with high capacity and extremely short charging time ~15 min.
- Electronic controlled and monitoring of operation
- Integrated pressure measurement with visual and audible signals
- Functional evaluation using optical interface and USB-Adapter
- One-button operation controls all tooling functions
- LED for workplace illumination
- Multifunction LED for maintenance display and data transfer via USB adapter
- CE and RoHS compliant

CT-2600/L

CT-2600/LBC

Part Number	Part Description	Std. Pkg. Qty.
Crimping Tools		
CT-2600/L	Crimps Panduit® tin and nickel plated #8 – 2 AWG high temperature large wire, non-insulated, vinyl and KYNAR** insulated ring terminals. Specifications: Crimping force – 4 tons (35kN) Dimensions: 13.15"L x 2.36"H x 2.95"W – with battery (334mm x 60mm x 75mm) Weight 3.5 lbs. with battery; crimp head not included Crimp cycle time = 3-4 seconds depending on cross-section CT-2600/L includes: Tool with crimp head, two battery cartridges, battery charger and molded carrying case. Crimp dies not included. Crimp die part number listed below. Meets U.S. voltage requirements.	1
CT-2600/LINT	Crimps Panduit tin and nickel plated #8 – 2 AWG high temperature large wire, non-insulated, vinyl and KYNAR insulated ring terminals. Specifications: Crimping force – 4 tons (35kN) Dimensions: 13.15"L x 2.36"H x 2.95"W – with battery (334mm x 60mm x 75mm) Weight 3.5 lbs. with battery; crimp head not included Crimp cycle time = 3-4 seconds depending on cross-section CT-2600/LINT includes: Tool with crimp head, two battery cartridges, battery charger and molded carrying case. Crimp dies not included. Crimp die part number listed below. Meets European voltage requirements.	1
Crimp Die Inserts		
CD-2600-P8	Used with CT-2600/L and CT-2600/LINT to install Panduit P8 and P8-HT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-P6	Used with CT-2600/L and CT-2600/LINT to install Panduit P6 and P6-HT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-P4	Used with CT-2600/L and CT-2600/LINT to install Panduit P4 and P4-HT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-P2	Used with CT-2600/L and CT-2600/LINT to install Panduit P2 and P2-HT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-PV8	Used with CT-2600/L and CT-2600/LINT to install Panduit PV8 and PK8 series large wire, vinyl and KYNAR** insulated ring terminals.	1
CD-2600-PV6	Used with CT-2600/L and CT-2600/LINT to install Panduit PV6 and PK6 series large wire, vinyl and KYNAR** insulated ring terminals.	1
CD-2600-PV4	Used with CT-2600/L and CT-2600/LINT to install Panduit PV4 and PK4 series large wire, vinyl and KYNAR** insulated ring terminals.	1
CD-2600-PV2	Used with CT-2600/L and CT-2600/LINT to install Panduit PV2 and PK2 series large wire, vinyl and KYNAR** insulated ring terminals.	1
Accessories		
CT-2600/LCHR	U.S. compatible battery charger for use with the CT-2600/L.	1
CT-2600/LINTCHR	European compatible battery charger for use with the CT-2600/LINT.	1
CT-2600/LBC	Rechargeable tool battery for use with the CT-2600/L.	1
CT-2600/LINTBC	Rechargeable tool battery for use with the CT-2600/LINT.	1

**KYNAR is a registered trademark of Atofina Chemicals, Inc.

Large Ferrule Crimping Dies

Large ferrule crimping dies are designed to snap into the battery powered CT-3001 or CT-3001/E crimping tool to install ferrules onto the stripped ends of #1 AWG to 500 kcmil flexible cables – Classes DLO,H,I,K and M.

- Interchangeble dies allows the use of one power tool for multiple wire sizes
- Snap in mounting delivers less than a 20 second exchange of die sets: no tools neede for additional labor savings
- Dies are made of chrome plated steel to insure up to 50,000 cycles and protection against corrosion
- Impressed die index number provides a quick post crimp inspection of ferrule for superior performance and quality assurance
- 2.9 second cycle time, 26% faster than most comparable tools to deliver quick and quality terminations
- Designed to minimize the profile of the crimped end of wire to assist feeding into the connector wire entries
- Die sets for #1 AWG to 500 kcmil
- 6-ton tool frame of CT-3001 provides sufficient compression of ferrules during crimping to prevent wire pull out and deliver a secure connection

CT-3001

Part Number	Used with Tool*	Wire Size (AWG)	Wire Size (mm^2)	Ferrule Series
CD-2001-F87	CT-3001	1 AWG – 1/0	50.0	F87, FSD87
CD-2001-F89	CT-3001	2/0	70.0	F89, FSD89
CD-2001-F90	CT-3001	3/0	95.0	F90, FSD90
CD-2001-F91	CT-3001	4/0 – 250 kcmil	120.0	F91, FSD91
CD-2001-F92	CT-3001	300 kcmil	150.0	F92, FSD92
CD-2001-F93	CT-3001	350 kcmil	185.0	F93
CD-2001-F94	CT-3001	400 – 500 kcmil	240.0	F94

*Also compatible with the CT-2001 and CT-3001/E

CD-2001 F-Series

Tooling Selection Guide for Panduit® Terminals, Splices, and Disconnects

Panduit Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.)	Plier Tools				Controlled Cycle Hand Tools													Crimp Heads for Pneumatic CT-600-A Tool			
				CT-100A	CT-160	CT-200	CT-260	CT-720	CT-300-1	CT-310	CT-400	CT-460	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500/L	CT-2600/L	CT-500CH	CT-520CH	CT-550CH	CT-570CH
BS	Non-insulated butt splices	26-22	1/4	X	X																			
		22-18	9/32	X	X	X	X										X		X					X
		16-14	9/32	X	X	X	X										X		X					X
		12-10	9/32	X	X	X	X										X	X	X					X
BSH	Heat shrink splices	22-18	5/16							X														
		16-14	5/16							X														
		12-10	5/16							X														
BSN	Nylon insulated butt splices	26-22	1/4	X																		X		
		22-18	9/32	X			X				X				X	X			X		X			
		16-14	9/32	X	X		X				X	X			X	X			X		X			
		12-10	9/32	X	X		X					X			X	X			X				X	
BSV	Vinyl insulated butt splices	22-18	5/16	X	X		X				X				X	X			X		X		X	
		16-14	5/16	X	X		X				X	X			X	X			X		X		X	
		12-10	5/16	X	X		X					X			X	X			X				X	
D, **DR**	Non-insulated sleeved barrel disconnects (includes right angle disconnects)	22-18	9/32	X	X	X	X										X		X					X
		16-14	9/32	X	X	X	X										X		X					X
		12-10	9/32	X	X	X	X										X	X	X					X
D-M	Non-insulated male blade adapters	22-18	9/32	X	X	X	X										X		X					X
		16-14	9/32	X	X	X	X										X		X					X
D-M	Non-insulated male disconnects	12-10	9/32	X		X	X										X	X	X					X
D-MB, **DR-B**	Non-insulated right angle female disconnects and non-insulated male butted seam disconnects	22-18	9/32	X	X	X	X																	
		16-14	9/32	X	X	X	X																	
DNF	Nylon, funnel entry, barrel insulated disconnects (not 0.110/0.111)	22-18	9/32		X		X				X										X			
		16-14	9/32		X		X				X	X			X	X			X		X		X	
DNF-110, **DNF-111**	Nylon, funnel entry barrel insulated disconnects, 110/.111 tab size	22-18	7/32	X										X					X		X	X		
		16-14	9/32		X										X	X			X					
DNF-FI	Nylon, fully insulated disconnects	22-18	9/32	X	X		X								X	X			X		X		X	
		16-14	9/32	X	X		X								X	X			X		X		X	
		12-10	3/8	X	X		X					X			X	X			X				X	
DPF-FI	Premium nylon, fully insulated disconnects	12-10	3/8	X	X		X					X			X	X			X				X	
DNF-FIB, **DNF-FIM,** **DNF-FIMB,** **DPF-FIB,** **DPF-FIMB**	Nylon and premium grade nylon, fully insulated, funnel entry, male/female couplers (not 0.110/0.111)	22-18	9/32	X										X					X			X		
		16-14	9/32	X										X					X			X		
		12-10	3/8											X					X			X		
DNF-FIB, **DPF-FIB**	Nylon and premium grade nylon, fully insulated, funnel entry disconnects 0.110/0.111 tab size	22-18	7/32	X										X					X			X		
DNF-FIBX	Nylon, expanded wire entry fully insulated	22-18	9/32	X																				
		16-14	9/32	X																				

Tool/product approved combinations indicated on individual product pages.

Continues on next page

Tooling Selection Guide for Panduit® Terminals, Splices, and Disconnects (continued)

Panduit Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.)	Plier Tools				Controlled Cycle Hand Tools													Crimp Heads for Pneumatic CT-600-A Tool			
				CT-100A	CT-160	CT-200	CT-260	CT-720	CT-300-1	CT-310	CT-400	CT-460	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500/L	CT-2600/L	CT-500CH	CT-520CH	CT-550CH	CT-570CH
DNF-M	Nylon insulated, funnel entry, barrel insulated, male disconnects	22-18	9/32	X	X		X								X	X			X		X		X	
		16-14	9/32	X	X		X								X	X			X		X		X	
		12-10	9/32	X	X		X					X			X	X			X				X	
DNFR-B	Nylon pre-insulated, right angle disconnects	22-18	9/32	X										X					X					
		16-14	9/32	X										X					X					
DNFR-FIB	Nylon butted seam, right angle disconnects	22-18	11/32						X															
		16-14	11/32						X															
DNG-FB	Supra Grip™ Nylon, Fully Insulated Disconnects (except DNG14-187FB and DNG14-188FB)	22-18	1/4										X											
		16-14	1/4										X											
DNH	Heat shrink disconnects	22-18	5/16							X														
		16-14	5/16							X														
		12-10	5/16							X														
DV	Vinyl barrel insulated sleeved disconnects	12-10	9/32	X											X	X			X				X	
DV-B	Vinyl insulated, butted seam disconnects	22-18	1/4	X										X					X			X		
		16-14	1/4	X										X					X			X		
DV-M	Vinyl barrel insulated male blade adapters	22-18	9/32	X	X		X				X				X	X			X		X		X	
		16-14	9/32	X	X		X				X	X			X	X			X		X		X	
DV-M	Vinyl insulated male disconnects	12-10	9/32	X			X																X	
DV-MB	Vinyl insulated butted seam male disconnects	22-18	9/32	X							X			X					X		X		X	
		16-14	9/32	X							X	X		X					X		X		X	
DV-P	Vinyl insulated piggyback disconnects	22-18	1/4	X	X		X								X	X			X		X		X	
		16-14	1/4	X	X		X								X	X			X		X		X	
DVF	Vinyl funnel entry barrel insulated female disconnect	22-18	9/32												X	X			X		X		X	
		16-14	9/32												X	X			X		X		X	
J	Non-insulated wire joints																							
	J214-312	14-12	1/2	X		X																		
	J318-412	18-12	1/2	X		X																		
	J216-410	16-10	3/4			X																		
JN	Nylon insulated wire joints																							
	JN224-318	24-16	7/16	X	X		X				X				X	X			X		X		X	
	JN218-216	22-16	7/16	X	X						X				X	X			X		X		X	
	JN418-212	18-12	1/2	X	X							X			X	X			X				X	
	JN314-412	14-12	5/8		X																			
P-HDR	Non-insulated heavy duty rings	16-12	9/32	X		X	X										X	X	X					X
P-P	Non-insulated pin terminals	22-18	9/32	X	X	X	X										X		X					X
		16-14	9/32	X	X	X	X										X		X					X
		12-10	9/32	X	X	X	X										X	X	X					X
P-R	Non-insulated large ring terminals	8	3/8															X						
		6	7/16															X						
		4	1/2															X						
		2	1/2															X						

Tool/product approved combinations indicated on individual product pages.

Continues on next page

Tooling Selection Guide for Panduit® Terminals, Splices, and Disconnects (continued)

				Plier Tools				Controlled Cycle Hand Tools													Crimp Heads for Pneumatic CT-600-A Tool			
Panduit Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.)	CT-100A	CT-160	CT-200	CT-260	CT-720	CT-300-1	CT-310	CT-400	CT-460	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500/L	CT-2600/L	CT-500CH	CT-520CH	CT-550CH	CT-570CH
P-R, P-F, P-LF, P-FF	Non-insulated rings, forks, locking forks, flanged forks	26-22	3/16	X		X	X																	
		22-18	9/32	X	X	X	X										X		X					X
		16-14	9/32	X	X	X	X										X		X					X
		12-10	9/32	X	X	X	X										X	X	X					X
P-RHT6	High temperature rings	22-18	9/32	X	X	X	X										X		X					X
		16-14	9/32	X	X	X	X										X		X					X
		12-10	9/32	X	X	X	X										X	X	X					X
		8	3/8																	X				
		6	7/16																	X				
		4	1/2																	X				
		2	1/2																	X				
PH	Heat shrink terminals	22-18	5/16							X														
		16-14	5/16							X														
		12-10	5/16							X														
PN-R, PN-RX, PN-F, PN-LF, PN-FF, PNF-R, PNF-F, PNF-LF	Nylon and nylon funnel entry forks, locking forks, flanged forks (includes expanded insulation)	26-22	3/16	X										X					X					
		22-18	7/32	X							X				X	X			X		X		X	
		16-14	7/32	X							X	X			X	X			X		X		X	
		12-10	9/32	X								X			X	X			X				X	
PN-HDR, PN-HDRX	Nylon insulated heavy duty and nylon expanded insulated heavy duty rings	16-12	9/32									X			X	X			X				X	
PS	Non-insulated parallel splices	22-18	5/16	X		X	X																	
		20-16	5/16	X		X	X																	
		14-12	7/16	X		X	X																	
PSN	Nylon insulated parallel splices	22-18	5/16											X					X			X		
		20-16	5/16	X	X		X							X					X			X		
		14-12	7/16											X					X				X	
PK-R	KYNAR■ rings	22-18	7/32	X			X				X				X	X			X		X		X	
		16-14	7/32	X			X				X				X	X			X		X		X	
		12-10	9/32	X											X	X			X				X	
		8	3/8																	X				
		6	7/16																	X				
		4	1/2																	X				
		2	1/2																	X				
PV-HDR, PV-HDRX	Vinyl insulated heavy duty rings	16-12	5/16									X			X	X			X					X
PV-LF, PV-LFX	Vinyl insulated locking forks (includes expanded insulation)	22-18	5/16	X			X				X				X	X			X		X			X
		16-14	5/16	X							X	X			X	X			X		X			X
		12-10	5/16	X		X						X			X	X			X					X
PV-P	Vinyl insulated pin terminals	22-18	5/16	X	X		X								X	X			X		X			X
		16-14	5/16	X	X		X								X	X			X		X			X
		12-10	5/16	X	X		X								X	X			X					X
PV-R, PV-F, PV-FF, PV-RX, PV-FX	Vinyl insulated rings and forks (includes expanded insulation)	26-22	3/16	X										X					X					
		22-18	5/16	X	X		X				X				X	X			X		X			X
		16-14	5/16	X	X		X				X	X			X	X			X		X			X
		12-10	5/16	X	X		X					X			X	X								X
PV-R, PV-RX	Vinyl insulated large ring terminals	8	3/8					X‡																
		6	7/16					X‡																
		4	1/2					X‡																
		2	1/2					X‡											X					

■KYNAR is a registered trademark of Atonfina Chemicals, Inc.
‡Use Die CD-720PV8-2.

Semiautomatic Ferrule Crimping Tool – CT-1000

- Innovative rapid load design utilizes continuously molded ferrules to significantly reduce installation time
- Controlled cycle tool cuts, strips, and crimps wire to maximize efficiency
- Adjustable die setting allows termination of all Panduit #20 – 14 AWG continuously molded ferrules with a single tool

Part Number	Part Description	Std. Pkg. Qty.
CT-1000	Controlled cycle crimp tool with trapezoid profile for #20 – 14 AWG (0.50 – 2.5mm²) insulated continuously molded ferrules on strips. Also cuts and strips wire.	1

Semi-Automatic Ferrule Installer - CP-881

- The automated microprocessor feature provides a quick three step process (wire stripping, ferrule placement, and ferrule crimping) to reduce the average manual processing cycle time from 8 – 10 seconds to 1.5 seconds
- For use with Panduit® continuously molded #20 – 14 AWG (0.5 – 2.5mm2) DIN ferrules on reels of 1500 – 3000 or mini-reels of 500 – 1000 pieces to deliver a superior solution for quality, high volume terminations.
- Digital LCD cycle counter display with reset button for batch quantity counting improves accuracy and efficiency
- Color coded die inserts allow visual matching between parts and die sets for fast efficient change over and reduced mismatching
- Lightweight with built-in handle for easy movement of tool from workstation to workstation for maximum jobsite flexibility and productivity

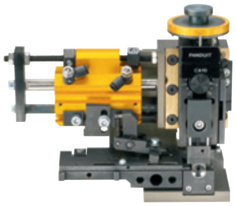
CP-881
A semi-automated tool that provides a quick three step process (wire stripping, ferrule placement, and ferrule crimping) with a cycle time of 1.5 seconds. This tool is used with Panduit continuously molded #20 – 14 AWG (0.5 – 2.5mm2) DIN ferrules on mini-reels of 500 – 3000 pieces for quality, medium to high volume terminations. Included with the tool are color coded die inserts that allow visual matching between parts and die sets for fast efficient change over and reduced mismatching. The CP-881 tool is lightweight and has a built-in handle for easy movement of tool from workstation to workstation for maximum jobsite flexibility and productivity.

CP-881/E
A semi-automated tool that provides a quick three step process (wire stripping, ferrule placement, and ferrule crimping) with a cycle time of 1.5 seconds. This tool is used with Panduit continuously molded #20 – 14 AWG (0.5 – 2.5mm2) DIN ferrules on mini-reels of 500 – 3000 pieces for quality, medium to high volume terminations. Included with the tool are color coded die inserts that allow visual matching between parts and die sets for fast efficient change over and reduced mismatching. The CP-881 tool is lightweight and has a built-in handle for easy movement of tool from workstation to workstation for maximum jobsite flexibility and productivity.

Order number of pieces required, in multiples of Standard Package Quantity.

Reel Smart™ Ferrule Applicator – SCA-712022002 (CA10)

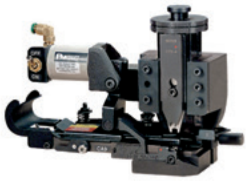
- Designed for use with continuously molded ferrules in reels of 1,500 - 3,000 for high volume applications
- Precision ferrule indexing through applicator for optimum reliability and productivity
- Universal base plate allows compatibility with the UC 200 (CP-871) electric press, and other commercially available bench presses and automatic wire processing (AWP) machines
- Quick change die sets terminate the entire ferrule line to provide fast product change over and reduction in setup time; dies sold separately



Part Number	Part Description	Std. Pkg. Qty.
SCA-712022002 (CA10)	Applicator used to terminates entire line of Reel Smart™ Continuously Molded Ferrules on reels. For use with UC 200 (CP-871) Electric Press and SCA (CD10) series die sets.	1
SCA-712022005WE (CD10-1)	Die insert to be used with the CA10 applicator to terminate FS75, FSD75, FS76 and FSD76 Reel Smart™ Continuously Molded Ferrules.	1
SCA-712022006WE (CD10-2)	Die insert to be used with the CA10 applicator to terminate FS77, FSD77, FS78 and FSD78 Reel Smart™ Continuously Molded Ferrules.	1
SCA-712022007WE (CD10-3)	Die insert to be used with the CA10 applicator to terminate FS80 and FSD80 Reel Smart™ Continuously Molded Ferrules.	1

CA9 Ezair™ and CA-800EZ Applicators

- Designed to terminated all continuously molded terminals, disconnects, and splices in reels of 5,000 for high volume applications
- Precision terminal indexing through applicator for optimum reliability and productivity
- Universal base plate allows compatibility with the UC 200 (CP-871) electric press, and other commercially available bench presses and automatic wire processing (AWP) machines
- Quick change die sets allow for fast product change over and reduction in setup time; dies sold separately



Part Number	Part Description	Std. Pkg. Qty.
CA-800EZ*	Applicator: runs in the AMP* Model T and K bench presses. True “quick change” applicator — no additional plates are necessary. Slide right into the press for easy changeover. Uses CD-800 series die inserts.	1
CA9	CA9 Ezair™ Applicator: terminates the entire Reel Smart™ product line. This greatly reduces set up and maintenance time and increases productivity. This patented applicator is so smart it automatically adjusts feed stroke to the correct pitch and length for the entire product line. Crimp die changeover in less than 1 minute, minimizes downtime and increases productivity. Fast, easy loading of terminal parts without special instructions or setup personnel. Simply feed the parts strip into the applicator. All the necessary adjustments are made by the dies and the automatic feed stroke. Used in UC 200 (CP-871) electric press. Safety lockout guard ensures operator safety. Positive stop adjustment rings allow for electrical and insulation crimp adjustments as desired.	1

*AMP is a registered trademark of Tyco Electronics.
For crimp die information, refer to pages D.19 and D.20.

Electric Bench Press

- For use with Panduit® Applicators and Reel Smart™ Continuously Molded Terminals and Ferrules to provide a superior solution for quality, high volume terminations
- UC 200 (CP-871) press has a microprocessor based controller and LCD that displays text messages and cycle count with multi-language capability
- Tool crimp height adjustment feature allows user to easily set and maintain desired crimp height for consistent performance
- Applicator can be changed without the use of tools to facilitate faster changeover for lower cost of ownership

Part Number	Part Description	Std. Pkg. Qty.
UC 200 (CP-871)	Electric press: 4000+ terminations per hour. Operates on 110 VAC current/60 Hz, 220 VAC current/50 Hz (field convertible). Overall size (without reel): 13" x 33" x 16". Total weight (without reel): 176 lbs. Includes foot pedal.	1

Die Sharpening Kits

- Used to resharpen cutting edges and maintain reliability of CD-800 and CD9 series cutter dies

Part Number	Part Description	Std. Pkg. Qty.
DSF-RS	For use with black oxide cutter dies.	1
DSF-NP	For use with nickel-plated cutter dies.	1

Die Information

Part Number	Color Code	AWG Wire Range	(1) Wire Insulation Strain Relief	Part No. Prefix	60/40 Solder Slug Diameter		Spare Part Number		
					In.	mm	Crimp Die	Cutter Die	Lower Die
TD13483C03 (CD-800C-1)	Red	22 – 18, 22 – 16	Plastic Ins. Crimp, Insulation Support, Metal Ins. Crimp, Plastic Ins. Crimp	PV, DV-MB, DV-B, BSN, PN, PNF, DNF-M, BSP (Premium Nylon)	0.188	4.78	TD13471C06 CD-800-1	TD13483C03 CD-800 C-1	TD17755B01 CD-1
(CD-800-1D*)**		22–18							
TD13486C03 (CD-800C-2)	Blue	16 – 14, 18 – 14	Plastic Ins. Crimp, Insulation Support, Metal Ins. Crimp, Plastic Ins. Crimp	PV, DV-MB, DV-B, BSN, PN, PNF, DNF-M, BSP (Premium Nylon)			TD13473C05 CD-800-2	TD13486C03 CD-800C-2	TD17756B01 C-2
(CD-800-2D*)**		16 – 14							
TD13489C03 (CD-800C-3)	Yellow	12 – 10, 14 – 10, 16 – 12	Plastic Ins. Crimp, Plastic Ins. Crimp, Metal Ins. Crimp, Plastic Ins. Crimp, Metal Ins. Crimp	PV, PV12, DV, DV-C, PN12, PV12, DV-M, PN, PNF, DNF-M			TD13475C06 CD-800-3	TD13489C03 CD-800C-3	TD17757B01 C-3
TD13505C03 CD-800C-4	Red	12 – 18	Insulation Support	DNF-FIB, DNF-FIM, DNF-FIMB, DNF-LPB			TD13833C06 CD-800-4, 10	TD13505C03 CD-800 C-4	TD17758B01 C-4, 10
TD13508C03 CD-800C-5	Blue	16 – 14	Insulation Support	DNF-FIB, DNF-FIM, DNF-FIMB, DNF-LPB			TD13634C05 CD-800-5, 11	TD13508C03 CD-800 C-5	TD17759B01 C-5, 11
TD13499C03 CD-800C-6	Red	22 – 18	Insulation Support	DNF-FIBX			TD13652C04 CD-800-6	TD13499C03 CD-800C-6	TD17760B01 C-6
TD13492C04 CD-800C-7	Red	22 – 18	Insulation Support	DNF-110FIB, DNF-111FIB, DNF-112FIB	0.125	3.18	TD13477C05 CD-800-7, 12	TD13492C04 CD-800 C-7	TD17761B01 C-7, 12
TD13502C04 CD-800C-8	Red/ Blue	22 – 18, 16 – 14	Insulation Support	DNF-FIBX, DNF-FIMX, DNF-FIMX	0.188	4.78	TD13481C06 CD-800-8	TD13502C04 CD-800 C-8	TD17762B01 C-8
TD13495C03 CD-800C-9	Red/ Blue	22 – 14	Insulation Support	DNFR-FIB	0.125	3.18	TD13479C05 CD-800-9	TD13495C03 CD-800 C-9	TD17763B01 C-9
TD16233C03 CD-800C-10	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-FIB, DPF-FIM, DPF-FIMB, DPF-LPB	0.188	4.78	TD13633C06 CD-800-4, 10	TD16233C03 CD-800 C-10	TD17758B01 C-4, 10
TD16243C02 CD-800C-11	Blue	16 – 14	DiscoGrip™ Insulation Crimp	DPF-FIM, DPF-FIMB, DPF-FIB, DPF-LPB			TD13634C05 CD-800-5, 10	TD16243C02 CD-800 C-11	TD17759B01 CD-5, 11
TD16235C03 CD-800C-12	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-110FIB, DPF-111FIB	0.125	3.18	TD13477C05 CD-800-7, 12	TD16235C03 CD-800 C-12	TD17761B01 C-7, 12
TD19115C03 CD-800C-13	Yellow	12 – 10	Insulation Support, DiscoGrip™ Insulation Crimp	DNF-FIB, DPF-FIB	0.188	4.78	TD19116C03 CD-800-13	TD19115C03 CD-800 C-13	TD19424B01 C-13
TD22944C02 CD-800C-14	Red/ Blue	22 – 18, 16 – 14	Metal Insulation Crimp	DNG-FL	0.125	3.18	TD22943C01 CD-800-14	TD22944C02 CD-800 C-14	TD22960B01 C-14
TD22946C02 CD-800C-15	Red	22 – 18	Metal Insulation Crimp	DNG-FB	0.188	4.78	TD22945C01 CD-800-15	TD22946C02 CD-800 C-15	TD22961B01 C-15
TD22948C02 CD-800C-16	Blue	16 – 14	Metal Insulation Crimp	DNG-FB			TD22947C01 CD-800-16	TD22948C02 CD-800 C-16	TD22962B01 C-16
TD23600C01 CD-800-17	Yellow	12 – 10	Insulation Support	BSN			TD23601C01 CD-800-17	TD23600C01 CD-800-17	TD23612B01 CD-800-17
TD23773C01 CD-800-18	Yellow	12 – 10	Plastic Insulation Crimp	DNF-FIMB			TD13475C06 CD-800-18	TD23773C01 CD-800-18	TD17757B01 CD-800-18

TA13721A01 = 60/40 Solder Slug with 1/8" (0.125) outer diameter.
TA13722A01 = 60/40 Solder Slug with 3/16" (0.188) outer diameter.
(1) Insulation Support: Minimum wire insulation strain relief for normal applications.
Plastic and DiscoGrip™ Insulation Crimp: Secondary wire insulation strain relief for high vibration or conductor strain applications.
Metal Insulation Grip: Maximum wire insulation strain relief for high vibration or conductor strain applications.
***Modified lower die for barrel insulated disconnects DV-B series. Available as a complete die set or just lower die assembly.

Continues on next page

Die Information (continued)

Part Number	Color Code	AWG Wire Range	Wire Insulation Strain Relief	Part No. Prefix	60/40 Solder Slug Diameter		Spare Part Number		
					In.	mm	Crimp Die	Cutter Die	Lower Die
CD9-1A	Red	22 – 16, 22 – 18	Insulation Support, Plastic Ins. Crimp, Plastic Ins. Crimp, Metal Ins. Grip	BSN, BSP, PV, DV-B, DV-MB, PN, PNF, DNF-M	0.188	4.78	TD24129C01	TD24139C01	TD24149C01
CD9-1AD***		22 – 18	Plastic Insulation Crimp, Metal Insulation Grip	PV, DV-B, DV-MB, PN, PNF, DNF-M	0.188	4.78			
CD9-1B		22 – 18	Plastic Insulation Crimp	PV-56R, PV-38R	0.188	4.78			
CD9-2A	Blue	18 – 14, 16 – 14	Insulation Support, Plastic Ins. Crimp, Insulation Support, Plastic Ins. Crimp, Metal Ins. Grip	BSN, BSP, BSN, PV, DV-B, DV-MB, PN, PNF, DNF-M	0.188	4.78	TD24130C01	TD24140C01	TD23712C01
CD9-2AD***		16 – 14	Insulation Support, Plastic Insulation Crimp, Metal Insulation Grip	BSN, PV, DV-B, DV-MB, PN, PNF, DNF-M	0.188	4.78			
CD9-2B		16 – 14	Plastic Insulation Crimp	PV-56R, PV-38R	0.188	4.78			
CD9-3B	Yellow	12 – 10, 16 – 12	Plastic Ins. Crimp, Metal Ins. Grip, Plastic Ins. Crimp	PV, DV, DV-M, PN, PNF, DNF-M, PV12, PN12	0.188	4.78	TD24131C01	TD24141C01	TD23713C01
CD9-4A	Red	22 – 18	Insulation Support	DNF-FIB, DNF-LPB	0.188	4.78	TD24132C01	TD24142C01	TD24150C01
CD9-4B		22 – 18	Insulation Support	DNF-FIM, DNF-FIMB	0.188	4.78			
CD9-5A	Blue	16 – 14	Insulation Support	DNF-FIB, DNF-LPB	0.188	4.78	TD24133C01	TD24143C01	TD24151C01
CD9-5B		16 – 14	Insulation Support	DNF-FIM, DNF-FIMB	0.188	4.78			
CD9-6B	Red	22 – 18	Insulation Support	DNF-FIBX	0.188	4.78	TD23700C01	TD23683C01	TD23716C01
CD9-7A	Red	22 – 18	Insulation Support	DNF-110, 111, 112FIB	0.125	3.18	TD23701C02	TD23684C01	TD23717C01
CD9-8B	Blue/ Red	16 – 14, 22 – 14	Insulation Support	DNF-FIBX, DNF-FIMX	0.188	4.78	TD23702C01	TD23685C01	TD23718C01
CD9-9C	Red/ Blue	22 – 14	Insulation Support	DNFR-FIB	0.125	3.18	TD23703C01	TD23686C01	TD23719C01
CD9-10A	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-FIB, DPF-LPB	0.188	4.78	TD24132C01	TD24144C01	TD24150C01
CD9-10B	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-FIM, DPF-FIMB	0.188	4.78			
CD9-11A	Blue	16 – 14	DiscoGrip™ Insulation Crimp	DPF-FIB, DPF-LPB	0.188	4.78	TD24133C01	TD23688C01	TD24151C01
CD9-11B	Blue	16 – 14	DiscoGrip™ Insulation Crimp	DPF-FIM, DPF-FIMB	0.188	4.78			
CD9-12A	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-110FIB, DFP-111FIB	0.125	3.18	TD23701C02	TD23689C01	TD23717C01
CD9-13B	Yellow	12 – 10	Insulation Support, DiscoGrip™ Insulation Crimp	DNF-FIB, DPF-FIB	0.188	4.78	TD24134C01	TD24145C01	TD24152C01
CD9-14A	Red/ Blue	22 –18, 16 – 14	Metal Insulation Grip	DNG-FL	0.125	3.18	TD23705C01	TD23691C01	TD23721C01
CD9-15A	Red	22 – 18	Metal Insulation Grip	DNG-FB	0.188	4.78	TD24135C01	TD24146C01	TD24153C01
CD9-16A	Blue	16 – 14	Metal Insulation Grip	DNG-FB	0.188	4.78	TD24136C01	TD24147C01	TD24154C01
CD9-17B	Yellow	12 – 10	Insulation Support	BSN	0.188	4.78	TD24110C01	TD24109C01	TD24111C01 TD24112C01
CD9-18B	Yellow	12 – 10	Insulation Support	DNF-FIMB	0.188	4.78	TD24131C01	TD23766C01	TD23713C01
SCA-712022005WE (CD10-1)	—	20 – 18	Insulation Support	FSD75, FSD76	—	—	—	—	—
SCA-712022006WE (CD10-2)	—	18 – 16	Insulation Support	FSD77, FSD78	—	—	—	—	—
SCA-712022007WE (CD10-3)	—	14	Insulation Support	FSD80	—	—	—	—	—

TA13721A01 = 60/40 Solder Slug with 1/8" (0.125) outer diameter.
TA13722A01 = 60/40 Solder Slug with 3/16" (0.188) outer diameter.
(1) Insulation Support: Minimum wire insulation strain relief for normal applications.
Plastic and DiscoGrip™ Insulation Crimp: Secondary wire insulation strain relief for high vibration or conductor strain applications.
Metal Insulation Grip: Maximum wire insulation strain relief for high vibration or conductor strain applications.
***Modified lower die for barrel insulated disconnects DV-B series. Available as a complete die set or just lower die assembly.

SCA-712022002 (CA10), CA9 Ezaiar™, and CA-800EZ Applicators Wire Processing Machine Manufacturer/Press Compatibility

Manufacturer	Wire Processing Machine with (WPM) or Bench Press Only	SCA-712022002 (CA10)	Panduit Applicators	
			CA9	CA-800EZ*
PANDUIT	CP-861 press only		A1	
	CP-871 press only	A	A1	B
TE CONNECTIVITY	CLS III G with G press (AWP)	A	A1	
	CLS IV with G press (AWP)	A	A1	B
	CLS IV G plus with G press (AWP)	A	A1	
	G bench press only	A	A1	
	CLS II with T press (AWP)		A1	
	CLS III with T press (AWP)		A1	
	T bench press only		A3	B
	K bench press only			B
	3K40	A	A	
	5K40	A	A	
ARTOS	CS-600 with AMP G press (AWP)	A	A1	
	CS-600 with TU7M press (AWP)			B
	CS-600 with TU-10 press (AWP)		A1	
	MTX Series 5 with TU-10 press (AWP)		A1	
GAMMA MECCANICA	T20P-110V bench press only		A1	
KODERA	Series C451/C450 (AWP)	A	A1	
	Series C551/C550 (AWP)		A1	
KOMAX	Gamma 311 with Mecal K300 press (AWP)		A1	B2
	Gamma 333 with mci 711 press (AWP)	A	A1	
	Alpha 411 with Mecal PE7 or P107 press (AWP)		A1	B2
	Alpha 433 with Mecal PE7 or P107 press (AWP)		A1	
	40T with Mecal PE7 press (AWP)		A1	
	40T with Panduit CP-861 press (AWP)			
	bt711 bench press only			B4
	bt722	A	A	
MEGOMAT	AMS 3001A/APE 300 press (AWP)		A1	
	Contact (AWP)		A1	
	Primo with MP-3.0 press (AWP)		A1	
MOLEX	EP-20 bench press only			B
	TM-2000 bench press only			B
SCHLEUNIGER	Crimp center 12 with ACP01 press (AWP)		A1	B
	Crimp center 64 (AWP)	A	A1	
	UC-200 bench press	A	A1	
	Crimpcenter 36 (AWP)	A	A	
	UC-100	A	A	
	SC-200 (CRIMP MODE ONLY)	A	A	
SHINMAYWA	TR101 (AWP)			B
	TRD111/TR111 (AWP)		A1	B

Performance Requirements

	Wire Size (AWG)								
	#26	#24	#22	#20	#18	#16	#14	#12	#10
UL 486A (Terminals), UL 310 (Male Blade Adapters)									
Test current for max. 50° rise (amps)	3.5	7	9	12	17	18	30	35	50
Min. tensile strength* (lbs.)	3	5	8	13	20	30	50	70	80
UL 486C (Splices)									
Test current for max. 50°C rise (amps)	5.5	7	9	12	17	18	30	35	50
Min. tensile strength* (lbs.)	3	5	8	10	10	15	25	35	40

*Pull-out force of the crimped terminal.

Applicable Pan-Term® products meet or exceed the following test specifications:

- UL 486A (Terminals)
- UL 486C (Splices)
- UL 310 (Blade Adapters)
- CSA C22.2 No. 65 (all designs)
- UL and CSA approved products are shown with the applicable logos in the product section.
- UL file #E52164, CSA File #LR31212

	Wire Size (AWG)						
	#22	#20	#18	#16	#14	#12	#10
UL 310 (Disconnects)							
Continuous test current for max. 30°C rise (amps) (for 0.187", 0.205", 0.250" tab widths)	3	4	7	10	15	20	24
Continuous test current for max. 30°C rise (amps) (for 0.110" tab width)	2	3	4	5	Not Applicable		
Min. tensile strength* (lbs.)	8	13	20	30	50	70	80

*Pull-out force of the crimped terminal.

Applicable Reel Smart™ products meet or exceed the following test specifications:

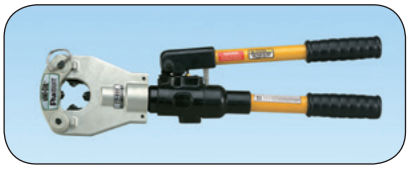
- Listed per Underwriters Laboratories, Inc. Standard UL 310 (Disconnects)
- Recognized under the Component Recognition Program of Underwriters Laboratories Inc.
- Certified by Canadian Standards Association (Disconnects)
- UL and CSA listed products are shown with the applicable logos in the product section.
- UL file #E78526, CSA file #LR31212

Applicable Panduit® ferrules meet or exceed the following test specifications:

- UL 486F
- CSA-C22.2 No. 291-14.
- DIN color code
- UL and CSA listed products are shown with the applicable logos in the product section.
- UL file #E472545, CSA file #LR31212

Compression Connector Crimping Tools

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



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

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

A.
Cable
Ties

B.
Stainless
Steel

C.
Wiring
Duct

D.
Terminals
and
Reel
Smart™
System

E.
Power
Connectors
and
Grounding

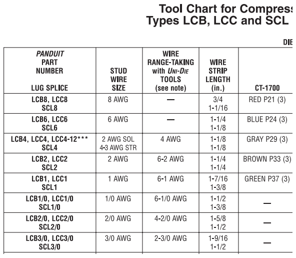
F.
Part
Number
Index

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

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

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

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



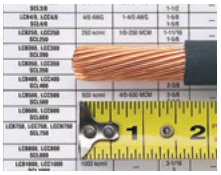
Tool Chart for Compress
Types LCB, LCC and SCL

DIE

PANDUIT PART NUMBER LUG SPLICE	STUD WIRE SIZE	WIRE RANGE-TAKING with *UNI-DIE* TOOLS (see note)	WIRE STRIP LENGTH (in.)	CT-1700
LCB8, LCC8 SCL8	8 AWG	—	3/4 1-1/16	RED P21 (3)
LCB6, LCC6 SCL6	6 AWG	—	1-1/4 1-1/8	BLUE P24 (3)
LCB4, LCC4, LCC4-12*** SCL4	2 AWG SOL 4-3 AWG STR	4 AWG	1-1/8 1-1/8	GRAY P29 (3)
LCB2, LCC2 SCL2	2 AWG	6-2 AWG	1-1/4 1-1/4	BROWN P33 (3)
LCB1, LCC1 SCL1	1 AWG	6-1 AWG	1-7/16 1-3/8	GREEN P37 (3)
LCB1/0, LCC1/0 SCL1/0	1/0 AWG	6-1/0 AWG	1-1/2 1-3/8	—
LCB2/0, LCC2/0 SCL2/0	2/0 AWG	4-2/0 AWG	1-5/8 1-1/2	—
LCB3/0, LCC3/0 SCL3/0	3/0 AWG	2-3/0 AWG	1-9/16 1-1/2	—

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.

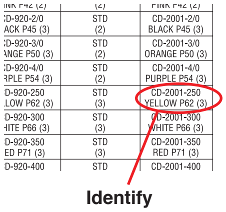
CD-2001
250
62(16)
CD-2001
250
62(16)

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 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.



INK P42 (2)	(2)	PINK P42 (2)
D-920-2/0 ACK P45 (3)	STD (2)	CD-2001-2/0 BLACK P45 (3)
D-920-3/0 ANGE P50 (3)	STD (2)	CD-2001-3/0 ORANGE P50 (3)
D-920-4/0 RPLE P54 (3)	STD (2)	CD-2001-4/0 PURPLE P54 (3)
D-920-250 LOW P62 (3)	STD (3)	CD-2001-250 YELLOW P62 (3)
D-920-300 HITE P66 (3)	STD (3)	CD-2001-300 WHITE P66 (3)
D-920-350 ED P71 (3)	STD (3)	CD-2001-350 RED P71 (3)
D-920-400	STD	CD-2001-400

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 E.25 – E.57.

Selection Guide – Compression Connector Tools

<table>
<tr><th colspan="25">Tool Selection Guide for Crimping Panduit Copper Compression Lugs and Splices for use with Copper Code Conductors</th></tr>
<tr><th rowspan="2">Conductor Type</th><th rowspan="2">Connector Type</th><th rowspan="2">Tool Type</th><th colspan="22">Copper Conductor Range</th></tr>
<tr><th>#14 AWG</th><th>#12 AWG</th><th>#10 AWG</th><th>#8 AWG</th><th>#6 AWG</th><th>#4 AWG</th><th>#3 AWG</th><th>#2 AWG</th><th>#1 AWG</th><th>1/0 AWG</th><th>2/0 AWG</th><th>3/0 AWG</th><th>4/0 AWG</th><th>250 kcmil</th><th>300 kcmil</th><th>350 kcmil</th><th>400 kcmil</th><th>500 kcmil</th><th>600 kcmil</th><th>750 kcmil</th><th>800 kcmil</th><th>1000 kcmil</th></tr>
<tr><td rowspan="15">Copper Code Conductor</td><td rowspan="15">LCAS
LCA
LCAN
LCB
LCB-W
LCBH
LCD
LCDN
LCC
LCC-W
LCCN
LCCH
SCSS
SCS
SCL
SCH
SCT
PS
RSC
S-R</td><td rowspan="6">Manual Crimping Tools</td><td colspan="3">CT-100A – Plier Type (pg. D.5)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td colspan="3">CT-200 – Plier Type (pg. D.5)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td colspan="3">CT-1570– Controlled Cycle (pg. D.6)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td colspan="3">CT-1701– Controlled Cycle (pg. D.6)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td colspan="6">CT-1700* – Controlled Cycle (pg. D.6)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td colspan="15">CT-720 – Die Type (pg. E.6)</td><td></td><td></td><td></td><td></td></tr>
<tr><td rowspan="2">Manual Hydraulic Crimping Tools</td><td></td><td></td><td></td><td colspan="17">CT-930 – 14 ton (pg. E.9)</td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td colspan="15">CT-980 Uni-Die™ Dieless – 6.2 ton (pg. E.21)</td><td></td><td></td></tr>
<tr><td rowspan="4">Lithium-Ion Battery Powered Hydraulic Crimping Tools</td><td></td><td></td><td></td><td colspan="15">CT-3001 – In-Line – 6 ton (pg. E.10)</td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td colspan="17">CT-2930/L – 14 ton (pg. E.12)</td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td colspan="19">CT-2940/L – 15 ton (pg. E.13)</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td colspan="15">CT-2980/L Uni-Die™ Dieless – 6.2 ton (pg. E.22)</td><td></td><td></td></tr>
<tr><td rowspan="3">Remote Crimp Heads</td><td></td><td></td><td></td><td colspan="17">CT-930CH – 14 ton (pg. E.14)</td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td colspan="19">CT-940CH – 15 ton (pg. E.15)</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td colspan="15">CT-980CH Uni-Die™ Dieless – 6.2 ton (pg. E.23)</td><td></td><td></td></tr>
</table>

See tool charts on pages E.25 – E.57 for selection of crimping dies and number of crimps used with specific tool and connector combinations.
*CT-1700 is not used for PSC splices.

Continues on next page

Selection Guide – Compression Connector Tools (continued)

<table>
<tr><th colspan="27">Tool Selection Guide for Crimping Panduit Copper Compression Lugs and Splices for use with Copper Flex Conductor</th></tr>
<tr><th rowspan="2">Con-ductor Type</th><th rowspan="2">Con-nector Type</th><th rowspan="2">Tool Type</th><th colspan="24">Copper Conductor Range</th></tr>
<tr><th>#8 AWG</th><th>#6 AWG</th><th>#4 AWG</th><th>#3 AWG</th><th>#2 AWG</th><th>#1 AWG</th><th>1/0 AWG</th><th>2/0 AWG</th><th>3/0 AWG</th><th>4/0 AWG</th><th>250 kcmil</th><th>262 kcmil</th><th>300 kcmil</th><th>313 kcmil</th><th>350 kcmil</th><th>373 kcmil</th><th>400 kcmil</th><th>450 kcmil</th><th>500 kcmil</th><th>535 kcmil</th><th>600 kcmil</th><th>646 kcmil</th><th>750 kcmil</th><th>777 kcmil</th></tr>
<tr><td rowspan="7">Copper Code and Flex Con-ductor</td><td rowspan="7">LCAX
LCAXN
LCBX
LCDX
LCDXN
LCCX
LCCXN</td><td>Manual Crimping Tools</td><td colspan="5">CT-1700 – Controlled Cycle (pg. D.6)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>Manual Hydraulic Crimping Tool</td><td colspan="21">CT-930 – 14 ton (pg. E.9)</td><td></td><td></td><td></td></tr>
<tr><td rowspan="3">Lithium-Ion Battery Powered Hydraulic Crimping Tools</td><td colspan="16">CT-3001– In-Line – 6 ton (pg. E.10)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td colspan="21">CT-2930/L – 14 ton (pg. E.12)</td><td></td><td></td><td></td></tr>
<tr><td colspan="24">CT-2940/L – 15 ton (pg. E.13)</td></tr>
<tr><td rowspan="2">Remote Crimp Heads</td><td colspan="21">CT-930CH – 14 ton (pg. E.14)</td><td></td><td></td><td></td></tr>
<tr><td colspan="24">CT-940CH – 15 ton (pg. E.15)</td></tr>
<tr><td rowspan="5">Copper Flex Con-ductor</td><td rowspan="5">LCAF
LCCF
SCSF
RSC</td><td>Manual Hydraulic Crimping Tool</td><td colspan="20">CT-930 – 14 ton (pg. E.9)</td><td></td><td></td><td></td><td></td></tr>
<tr><td rowspan="2">Lithium-Ion Battery Powered Hydraulic Crimping Tools</td><td colspan="20">CT-2930/L – 14 ton (pg. E.12)</td><td></td><td></td><td></td><td></td></tr>
<tr><td colspan="24">CT-2940/L – 15 ton (pg. E.13)</td></tr>
<tr><td rowspan="2">Remote Crimp Heads</td><td colspan="20">CT-930CH – 14 ton (pg. E.14)</td><td></td><td></td><td></td><td></td></tr>
<tr><td colspan="24">CT-940CH – 15 ton (pg. E.15)</td></tr>
</table>

See tool charts on pages E.25 – E.57 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Continues on next page

Selection Guide – Compression Connector Tools (continued)

<table>
<tr><th colspan="21">Tool Selection Guide for Crimping Panduit Copper Compression Lugs and Splices for use with Copper Flex Conductor</th></tr>
<tr><th rowspan="2">Conductor Type</th><th rowspan="2">Connector Type</th><th rowspan="2">Tool Type</th><th colspan="18">Copper or Aluminum Conductor Range</th></tr>
<tr><th>#6 AWG</th><th>#4 AWG</th><th>#3 AWG</th><th>#2 AWG</th><th>#1 AWG</th><th>1/0 AWG</th><th>2/0 AWG</th><th>3/0 AWG</th><th>4/0 AWG</th><th>250 AWG</th><th>300 kcmil</th><th>350 kcmil</th><th>400 kcmil</th><th>500 kcmil</th><th>600 kcmil</th><th>750 kcmil</th><th>800 kcmil</th><th>1000 kcmil</th></tr>
<tr><td rowspan="7">Copper or Aluminum Code Conductor</td><td rowspan="7">LAA
LAB
SA</td><td rowspan="2">Manual Crimping Tools</td><td colspan="2">CT-1700 – Controlled Cycle (pg. D.6)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td colspan="12">CT-720 – Die Type (pg. E.6)</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>Manual Hydraulic Crimping Tool</td><td colspan="15">CT-930 – 14 ton (pg. E.9)</td><td></td><td></td><td></td></tr>
<tr><td rowspan="2">Lithium-Ion Battery Powered Hydraulic Crimping Tools</td><td colspan="15">CT-2930/L – 14 ton (pg. E.12)</td><td></td><td></td><td></td></tr>
<tr><td colspan="18">CT-2940/L – 15 ton (pg. E.13)</td></tr>
<tr><td rowspan="2">Remote Crimp Heads</td><td colspan="15">CT-930CH – 14 ton (pg. E.14)</td><td></td><td></td><td></td></tr>
<tr><td colspan="18">CT-940CH – 15 ton (pg. E.15)</td></tr>
</table>

See tool charts on pages E.25 – E.57 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Contour Crimp™ Controlled Cycle Tools

- Controlled cycle mechanism assures high quality, consistent terminations
- Ergonomic tool design assures operator comfort, safety, and performance
- Polypropylene handles provide chemical resistance and a cushioned, non-slip grip

CT-1700

CT-1701

Part Number	Part Description	Std. Pkg. Qty.
CT-1700	Crimps Panduit #8 – 2 AWG non-insulated tubular terminals (S series), #8 – 1 AWG copper code conductor lugs and splices, #8 – 2 AWG copper flex conductor lugs, #6 – 4 AWG dual rated aluminum lugs and splices and CTAPF10-16 to CTAPF3-12 copper taps. Includes 5-position, color coded rotating die.	1
CT-1701	Crimps Panduit #10 – 2 AWG non-insulated large gauge ring terminals (P series), #12 – 4 AWG non-insulated heavy duty ring terminals (P series), and #14 – 10 AWG copper code conductor lugs. Includes 5-position, rotating die.	1

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

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

PANDUIT
CD720PV8-2

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 E.3 – E.5 for connector and tool selection information.

Die Type, Manual, Crimping Tool and Die Kits

- 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

Part Number	Part Description	Std. Pkg. Qty.
CT-720-7	Basic tool kit with seven dies. Includes: • Seven dies (CD-720-1 through CD-720-7) for installing #8 AWG – 500 kcmil copper compression connectors • Carrying/storage case (C-720)	1
CT-720-7CC	Controlled cycle tool kit with seven dies. Controlled cycle mechanism factory installed on crimping tool. Includes: • Seven dies (CD-720-1 through CD-720-7) for installing #8 AWG – 500 kcmil copper compression connectors • Carrying/storage case (C-720)	1
CT-720-3	Basic tool kit with three dies. Includes: • Three dies (CD-720-1 through CD-720-3) for installing #8 AWG – 250 kcmil copper compression connectors • Carrying/storage case (C-720)	1
CT-720-3CC	Controlled cycle tool kit with three dies. Controlled cycle mechanism factory installed on crimping tool. Includes: • Three dies (CD-720-1 through CD-720-3) for installing #8 AWG – 250 kcmil copper compression connectors • Carrying/storage case (C-720)	

Cable Stripping Tool for Large Cable Sizes

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

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

Wire and Cable Stripping Tools

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

PANDUIT
CST 101

CST101

PANDUIT CST115

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	Terminates Panduit® Pan-Lug™ Compression Connectors: • Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor • Copper compression lugs and splices for #8 AWG – 600 kcmil flex conductor • Copper compression lugs and splices for 10mm² – 400mm² Class 2r and 10mm² – 300mm² Class 5f and Class 6f Metric Wire. • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor • Panduit® Type S-R Tubular Terminals for #8 AWG – 250 kcmil code conductor Specifications: Output: 14 tons Jaw opening: 1.65" Weight: 16.5 lbs. Length: 25" Handle span: 17 1/2" (open), 6" (closed) Warranty: 1 year CT-930 includes: • Tool • Plastic tool case with die storage	1

Uses CD-920 and CD-930 color-coded crimping dies. Dies must be purchased separately, see page E.19.
CG-920 crimp force measurement gauge available, sold separately see page E.24.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

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
- In-line tool design with low profile, 180° rotating, enclosed crimp head design for reaching into tight spaces
- Lightweight and ergonomically balanced for easy operation without fatigue, weighs 7.15 lbs. with battery
- Self-contained unit, completely portable
- Develops 6 tons of crimping force, up to 389 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 14.4 VDC Lithium-Ion rechargeable batteries, battery charger, wrist strap and tool bag
- Batteries incorporate LED fuel gage so battery charge level can be checked to allow for continuous operation
- Approximately 2.9 second crimp cycle time provides quick terminations, 26% faster than tools with NiCd or NiMH batteries
- Battery charger charges expended batteries completely in 60 minutes
- Compatible with CD-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

CT-3001 and CT-3001/E

FREE! Heavy-Duty Soft Sided Tool Bag Included

PTB-HO (sold separately)

CE

Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
CT-3001	120 VAC	Terminates Panduit Compression Connectors: • Copper compression lugs and splices for #8 AWG – 500 kcmil code conductor • Copper compression lugs for #8 AWG – 373 kcmil flex conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – #2 AWG code conductor • Copper compression S Series Pan-Term® Tubular Terminals for #8 AWG – 250 kcmil code conductor • Copper compression lugs and splices for 10mm^2 – 240mm^2 Class 2r, 10mm^2 – 95mm^2 Class 5f and Class 6f Metric Wire 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: 1 year on tool, batteries, and charger Tool includes: • Two 14.4 VDC high capacity Lithium-Ion rechargeable batteries • One battery charger • Heavy-duty bag with storage for tool, batteries, charger and crimping dies; includes 58 pockets and a shoulder strap for added convenience; 18"L x 7"W x 14"H*	1
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 crimping dies, sold separately, see page E.11.

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-SET	Red P21	#8 AWG	#8 AWG	10mm^2	1
CD-2001-6-SET	Blue P24	#6 AWG	#6 AWG	16mm^2	1
CD-2001-4-SET	Gray P29	#4 AWG STR #3 AWG STR #2 AWG SOL	#4 AWG #5, #4, #3 AWG DLO flex	25mm^2 35mm^2	1
CD-2001-2-SET	Brown P33	#2 AWG	#2 AWG	—	1
CD-2001-1-SET	Green P37	#1 AWG	#1 AWG	50mm^2	1
CD-2001-1/0-SET	Pink P42	1/0 AWG	1/0 AWG	—	1
CD-2001-2/0-SET	Black P45	2/0 AWG	2/0 AWG	70mm^2	1
CD-2001-3/0-SET	Orange P50	3/0 AWG	3/0 AWG	—	1
CD-2001-4/0-SET	Purple P54	4/0 AWG	4/0 AWG	95mm^2	1
CD-2001-250-SET	Yellow P62	250 kcmil	250 kcmil flex 262 kcmil flex	120mm^2	1
CD-2001-300-SET	White P66	300 kcmil	—	150mm^2	1
CD-2001-350-SET	Red P71	350 kcmil	300 kcmil flex 313 kcmil flex	—	1
CD-2001-400-SET	Blue P76	400 kcmil	350 kcmil flex 373 kcmil flex	185mm^2	1
CD-2001-500-SET	Brown P87	500 kcmil	—	240mm^2	1

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

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

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
- Two 14.4 VDC high capacity Lithium-Ion 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 60 minutes
- Compatible with CD-920 and CD-930 color-coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels to provide post crimp inspection
- Dies installed using spring loaded die retention pins, no need for tools

CT-2930/L and CT-2930/LE

FREE! Heavy-Duty Soft Sided Tool Bag Included

Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
CT-2930/L	120 VAC	Terminates Panduit compression connectors: • Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor • Copper compression lugs for #8 AWG – 600 kcmil flex conductor • Copper compression S Series, Pan-Term™ Tubular Terminals for #8 AWG – 250 kcmil code conductor • Copper compression lugs and splices for 10mm^2 – 400mm^2 Class 2r conductor and 10mm^2 – 300mm^2 Class 5f and Class 6f metric conductor • StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 250 kcmil code conductor and select 500 kcmil conductor combinations • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14-4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor Specifications: Output: 14 tons (124.5 Kn) Jaw opening: 1.65" (41.9mm) Weight: 17.90 lbs. (8.1 kg) with battery Length: 14.5" (368.3mm), Height: 16.5" (419.1mm), Width: 3.25" (82.6mm) Warranty: 1 year on tool, batteries, and charger Tool includes: • Two 14.4 VDC high capacity Lithium-Ion rechargeable batteries • One battery charger • One shoulder strap • Heavy-duty bag with storage for tool, batteries, charger, and crimping dies; includes 58 pockets and a shoulder strap for added convenience; 18"L x 7"W x 14"H*	1
CE **CT-2930/LE**	230 VAC		1

Compatible with CD-920 and CD-930 crimping dies, sold separately, see page E.19.

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 14.4 VDC high capacity Lithium-Ion 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 60 minutes
- Compatible with CD-940, CD-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: • Copper compression lugs and splices for #8 AWG – 1000 kcmil code conductor • Copper compression lugs for #8 AWG – 777.7 kcmil flex conductor • Copper compression S Series, Pan-Term™ Tubular Terminals for #8 – 250 kcmil code conductor • Copper compression lugs and splices for 10mm^2 – 630mm^2 Class 2r conductor, 10mm^2 – 300mm^2 Class 5f and Class 6f metric conductor • StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 500 kcmil code conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 1000 kcmil code conductor 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: 1 year on tool, batteries, and charger Tool includes: • Two 14.4 VDC high capacity Lithium-Ion rechargeable batteries • One battery charger • One shoulder strap • Plastic tool case with storage for tool, batteries, charger, shoulder strap and crimping dies	1
CE **CT-2940/LE**	230 VAC		1

Compatible with CD-940 crimping dies, sold separately, see page E.20.
Also works with CD-920 and CD-930 crimping dies, on page E.19 with CD-940-DA die adapter, sold separately, see page E.20.

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	Terminates Panduit compression connectors: • Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor • Copper compression lugs for #8 AWG – 600 kcmil flex conductor • Copper compression S Series, Pan-Term™ Tubular Terminals for #8 AWG – 250 kcmil code conductor • Copper compression lugs and splices for 10mm^2 – 400mm^2 Class 2r, 10mm^2 – 300mm^2 Class 5f and Class 6f metric conductor • StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 250 kcmil code conductor and select 500 kcmil conductor combinations • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14-4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor Use with Panduit CT-901HP hydraulic pump and CT-900HPH 10' hydraulic hose.* Specifications: Output: 14 tons Jaw opening: 1.65" Weight: 11 lbs. Length: 12 1/4" Height: 5" Width: 3" Warranty: 1 year CT-930CH includes: • Tool • Steel tool case • Supplied with female Parker type quick-connect fitting assembled to tool	1

Uses CD-920 and CD-930 color-coded crimping dies. Dies must be purchased separately, see page E.19
*CT-902RCH remote control handle available, offering one hand operation of crimp head with Panduit CT-902HP hydraulic pump and CT-900HPH hose, sold separately, see page E.16. CG-920 crimp force measurement gauge available, sold separately, see page E.24.

Die Type, Remote Hydraulic, 15 Ton, Crimp Head

- 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
- 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

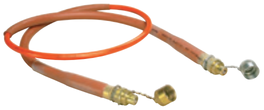
Part Number	Part Description	Std. Pkg. Qty.
CT-940CH	Terminates Panduit Compression Connectors: • Copper compression lugs and splices for #8 AWG – 1000 kcmil code conductor • Copper compression lugs for #8 AWG – 777.7 kcmil flex conductor • Panduit® Type S-R Tubular Terminals for #8 AWG – 250 kcmil code conductor • Copper compression lugs and splices for 10mm^2 – 630mm^2 Class 2r conductor, 10mm^2 – 300mm^2 Class 5f and Class 6f metric conductor • StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 500 kcmil code conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 1000 kcmil code conductor Use with Panduit CT-901HP hydraulic pump and CT-900HPH 10' hydraulic hose.* Specifications: Output: 15 tons Jaw opening: 2" Weight: 14.5 lbs. Length: 14.5" Height: 4.1" Width: 2.5" Warranty: 1 year CT-940CH includes: • Tool • Steel tool case • Supplied with female Parker type quick-connect fitting assembled to tool	1

Uses CD-920 and CD-930 color-coded crimping dies with CD-940-DA die adapter. Uses color-coded CD-940 crimping dies. Crimping dies and die adapter must be purchased separately, see pages E.19 and E.20. CG-940 crimp force measurement gauge available, sold separately, see page E.24.

*CT-902RCH remote control handle available, offering one hand operation of crimp head with Panduit CT-902HP hydraulic pump and CT-900HPH hose, sold separately, see page E.16.

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-900HPH

CT-902RCH

CT-902RFS

Part Number	Part Description	Std. Pkg. Qty.
CT-902HP	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.* 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: 1 year CT-902HP 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	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: 1 year.	1
CT-902RCH	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: 1 year.	1
CT-902RFS	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: 1 year.	1

*For information on crimp heads, see pages E.14, E.15, and E.23.

Die Type, Remote Hydraulic, 7.7 Tons, Crimp Head

- Low pressure system extends life of crimp head for high volume crimping applications
- Develops 7.7 tons of crimping force when used with 5000 psi hydraulic pump and hose, crimps copper compression lugs and splices up to 600 kcmil
- Incorporates Parker type quick-connect fittings to ease installation and save time
- 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
- 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-930LPCH	Remote hydraulic crimp head provides UL Listed or Recognized terminations of Panduit® Pan-Lug™ Copper Compression Lugs and Splices for #8 AWG – 600 kcmil copper code conductor. Use with Panduit CT-8250HP hydraulic pump and CT-900LPHPH 10' hydraulic hose.* Specifications: Output: 7.7 tons Jaw opening: 1.65" Weight: 11 lbs. Length: 12 1/4" Height: 5" Width: 3" Warranty: 1 year CT-930LPCH includes: • Tool • Steel tool case • Supplied with male Parker type quick-connect fitting assembled to tool	1

Uses CD-920 color-coded crimping dies. Dies must be purchased separately, see page E.19. PG-1 in-line pressure gauge provides visual measurement of hydraulic output pressure, sold separately, see page E.24.
*For information on hydraulic pump and hose, see page E.18.

Hydraulic Pump and Accessories, Electric, 5000 PSI

- Develops 5,000 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-900LPHPH

PANDUIT
CT-901RFS

CT-902RFS

Part Number	Part Description	Std. Pkg. Qty.
CT-902HP-5K	Hydraulic pump. Develops 5,000 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.* Specifications: Pump output: 5000 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: 1 year Weight: 34 lbs. Length: 7" Height: 14" Width: 6" 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	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: 1 year.	1
CT-902RFS	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: 1 year.	1

*For more information on crimp heads, see pages E.17 and E.23.

PG-1 in-line pressure gauge provides visual measurement of hydraulic output pressure, sold separately, see page E.24.

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

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

CD-920

CD-930H

CD-930G

	Used to Install Panduit Tap Part Numbers			
Part Number	**Copper Die Color and Die No.**	**Copper Tap**	**No. of Crimps**	**Std. Pkg. Qty.**
CD-920H-6	Orange PH6	HTCT6X-6X-1	1	1
CD-920H-2	Brown PH2	HTCT2-2-1	1	1
CD-920H-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

	Used to Install StructuredGround™ Direct Burial Grounding Connector Part Numbers		
Part Number	**Copper Die Color and Die No.**	**Copper Tap**	**Std. Pkg. Qty.**
CD-930G-1/0	Red PG10	GCE1/0-1/0, GCC6X61/0-1/0	1
CD-930G-250	Black PG25	GCE250-1/0, GCE250-250, GCC6X6250-1/0, GCC6X6250-250, GPC4H250-2	1
CD-930G-500	Blue PG50	GCE500-1/0, GCE500-250, GCC6X6500-1/0, GCC6X6500-250	1

CD-940 Crimping Dies

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

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

CD-940

CD-940-DA

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

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

- Dieless crimping tool design eliminates purchase or lost crimping dies, saves cost
- Develops 6.2 tons of crimping force with four point indenter system, 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
- High quality, durable tool construction provides long-term dependability
- Cushioned grips prevent hands from slipping on tool, reduces fatigue
- Incorporates aluminum crimp head and fiberglass handles, results in lightweight tool and ease of operation
- Provides UL Listed and CSA Certified connections on Panduit® Pan-Lug™ Copper Lugs and Splices
- Provides UL Listed and CSA Certified wire range-taking capability on Panduit® Pan-Lug™ Copper Lugs and Splices, minimizes connector inventory and saves cost
- Flip-top crimp head design allows easy loading of connectors, saves time
- Audible "pop-off" valve indicates crimp completion
- Crimp head rotates 360 degrees, provides versatility for use in restricted spaces

Part Number	Part Description	Std. Pkg. Qty.
CT-980	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. 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: 1 year CT-980 includes: • Tool • Plastic tool case	1

CG-980 pressure gauge for measuring tool output force available, sold separately, see page E.24.

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 high capacity Lithium-Ion 14.4 VDC 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 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: 1 year on tool, batteries and charger Tool includes: • Two high capacity Lithium-Ion 14.4 VDC rechargeable batteries • One 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

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

- Dieless crimping tool design eliminates purchase or lost crimping dies, saves cost
- 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
- Incorporates Parker type quick-connect fittings to ease installation and save time
- Provides UL Listed and CSA Certified connections on Panduit® Pan-Lug™ Copper Lugs and Splices
- Provides UL Listed and CSA Certified wire range-taking capability on Panduit® Pan-Lug™ Copper Lugs and Splices, minimizes connector inventory and saves cost
- Flip-top crimp head design allows easy loading of splices, saves time

UNI-DIE
PANDUIT
CT-980CH

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: 1 year CT-980CH includes: • Tool • Steel tool case • Supplied with female Parker type quick-connect fitting assembled to tool	1

*CT-902RCH remote control handle available, offering one hand operation of crimp head with CT-902HP hydraulic pump and CT-900HPH hose, sold separately, see page E.16. CG-980 crimp force measurement gauge available, sold separately, see page E.24.

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 CT-930CH, CT-940CH, and CT-980CH crimp heads, CT-902HP 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-902HP-5K pump and CT-900LPHPH hose. Includes steel storage case. Warranty: 90 days	1

Tooling Selection Guide for Panduit Tubular Ring Terminals

Tooling	CT-1700	CT-720	CT-930, CT-930CH, CT-920, CT-920CH, CT-2920, CT-940CH, CT-2930, CT-2940	CT-980, CT-980CH, CT-2950, CT-2980	CT-2001, CT-3001
Panduit Part Number	**Panduit Die Part Number Die Index Number (Number of Crimps)**				
S8-10R-Q	P21 (2)	CD-720-1 P21 (1)	CD-920-8 P21 (1)	—	CD-2001-8 P21 (1)
S8-14R-Q					
S8-56R-Q					
S8-38R-Q					
S6-10R-E	P24 (2)	CD-720-1 P24 (1)	CD-920-6 P24 (1)	—	CD-2001-6 P24 (1)
S6-14R-E					
S6-56R-E					
S6-38R-E					
S4-10R-E	P29 (2)	CD-720-1 P29 (1)	CD-920-4 P28 (1)	STD (1)	CD-2001-4 P29 (1)
S4-14R-E					
S4-56R-E					
S4-38R-E					
S2-10R-X	P37 (3)	CD-720-2 P37 (1)	CD-920-1 P37 (1)	STD (1)	CD-2001-1 P37 (1)
S2-14R-X					
S2-56R-X					
S2-38R-X					
S2-12R-X					
S1/0-14R-X	—	CD-720-2 P42 (1)	CD-920-1/0 P42 (1)	STD (1)	CD-2001-1/0 P42 (1)
S1/0-56R-X					
S1/0-38R-X					
S1/0-12R-X					
S2/0-14R-X	—	CD-720-2 P45 (2)	CD-920-2/0 P45 (1)	STD (1)	CD-2001-2/0 P45 (2)
S2/0-56R-X					
S2/0-38R-X					
S2/0-76R-X					
S2/0-12R-X					
S3/0-14R-5	—	CD-720-2 P50 (2)	CD-920-3/0 P50 (1)	STD (1)	CD-2001-3/0 P50 (2)
S3/0-56R-5					
S3/0-38R-5					
S3/0-76R-5					
S3/0-12R-5					
S4/0-38R-5	—	CD-720-3 P54 (2)	CD-920-4/0 P54 (1)	STD (1)	CD-2001-4/0 P54 (2)
S4/0-76R-5					
S4/0-12R-5					
S250-56R-5	—	CD-720-3 P62 (2)	CD-920-250 P62 (1)	STD (1)	CD-2001-250 P62 (2)
S250-38R-5					
S250-76R-5					
S250-12R-5					

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCA, LCAN, LCD, LCDN and SCS

How to read this chart

For LCA6 lug and CT-2001 crimping tool:

Die Part Number

Color Code → **CD-2001-6 Blue P24 (1)** ← Die Index Number

Number of Crimps

			Panduit (See Compression Connector Tools Selection Guide, Pages E.3 – E.5)							Thomas & Betts		
Panduit Part Number L = Lug S = Splice	Std. Wire Size	Wire Strip Length (In.)	CT-1570	CT-1701①	CT-1700①	CT-720	CT-920, CT-920CH, CT-930, CT-930CH, CT-930LPCH⑥, CT-2920, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-940CH③, CT-2940⑤, CT-2940/L⑤, CT-2940/LE⑤	Uni-Die™ Dieless CT-980, CT-2980, CT-2980/L, CT-2980/LE, CT-980LPCH⑥, CT-980CH, CT-2950⑤, 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
			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 LCAN8 LCD8 LCDN8	#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 LCAN6 LCD6 LCDN6	#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 LCAN4 LCD4 LCDN4	#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 LCAN2 LCD2 LCDN2	#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 LCAN1 LCD1 LCDN1	#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 LCAN1/0 LCD1/0 LCDN1/0	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 LCAN2/0 LCD2/0 LCDN2/0	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 LCAN3/0 LCD3/0 LCDN3/0	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.

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

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

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

Continues on next page

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCA, LCAN, LCD, LCDN and SCS (continued)

Thomas & Betts			Burndy					Anderson	Penn-Union	Greenlee
TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM8-750BSCR, TBM750BSCR⑧	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	Y2MR, Y1MR, Y1MRTC	MY29	BAT35, Y39BH, Y35BH, Y750, Y750BH, Y750-2, Y750HS, Y750BH-2, Y39, PAT750, Y35, BAT750	Y45⑦, Y46⑦	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 42H② (2)	STD (1)	Pink 42HÁ (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)

②Half width dies.
⑦Requires U die adapter.
⑧Minimum size: #4 AWG lugs and splices.

Continues on next page

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCA, LCAN, LCD, LCDN and SCS (continued)

			Panduit (See Compression Connector Tools Selection Guide, Pages E.3 – E.5)				Thomas & Betts		
Panduit Part Number L = Lug S = Splice	Std. Wire Size	Wire Strip Length (In.)	CT-720	CT-920, CT-920CH, CT-930, CT-930CH, CT-930LPCH⑥, CT-2920, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-940CH③, CT-2940③, CT-2940/L③, CT-2940/LE③	CT-980, CT-2980, CT-2980/L, CT-2980/LE CT-980LPCH⑥ CT-980CH, CT-2950⑤, CT-2981 Extended Wire Range	CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E	TBM5	TBM6, TBM6S, 25000, TBM8	TBM12, 13642M
			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 54 (2)	Purple 54 (2)	Purple 54 (2)	Purple 54 (1)
LCAN4/0									
LCD4/0									
LCDN4/0									
SCS4/0		1							
LCA250	250 kcmil	1-5/16	CD-720-3 Yellow P62 (2)	CD-920-250 Yellow P62 (2)	1/0 AWG – 250 kcmil (2)	CD-2001-250 Yellow P62 (2)	Yellow 62 (2)	Yellow 62 (2)	Yellow 62 (1)
LCAN250									
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 66H② (1)
LCAN300									
LCD300									
LCDN300									
SCS300		1-1/16							
LCA350	350 kcmil	1-1/2	CD-720-5 Red P71 (2)	CD-920-350 Red P71 (2)	3/0 AWG – 350 kcmil (2)	CD-2001-350 Red P71 (2)	—	Red 71 (2)	Red 71H② (2)
LCAN350									
LCD350									
LCDN350									
SCS350		1-1/8							
LCA400	400 kcmil	1-9/16	CD-720-6 Blue P76 (2)	CD-920-400 Blue P76 (2)	#6 – #2 AWG (1)	CD-2001-400 Blue P76 (3)	—	Blue 76 (2)	Blue 76H② (2)
LCAN400									
LCD400									
LCDN400									
SCS400		1-3/16							
LCA500	500 kcmil	1-13/16	CD-720-7 Brown P87 (2)	CD-920-500 Brown P87 (2)	#6 – #1 AWG (1)	CD-2001-500 Brown P87 (3)	—	Brown 87 (2)	Brown 87H② (2)
LCAN500									
LCD500									
LCDN500									
SCS500		1-3/8							
LCA600	600 kcmil	1-13/16	—	CD-920-600 Green P94 (2)	250 – 600 kcmil (2)	—	—	—	Green 94H② (2)
LCAN600									
LCD600									
LCDN600									
SCS600		1-3/8							
LCA750	750 kcmil	1-15/16	—	CD920-750 CD-940-750④ Black P106 (2)	500 – 750 kcmil (2)	—	—	—	Black 106H② (2)
LCAN750									
LCD750									
LCDN750									
SCS750		1-5/8							
LCD1000	1000 kcmil	1-15/16	—	CD-940-1000④ 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.

Continues on next page

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCA, LCAN, LCD, LCDN and SCS (continued)

Thomas & Betts			Burndy					Anderson	Penn-Union	Greenlee
TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM8-750BSCR, TBM750BSCR⑧	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	Y2MR, Y1MR, Y1MRTC	MY29	BAT35, Y39BH, Y35BH, Y750, Y750BH, Y750-2, Y750HS, Y750BH-2, Y39, PAT750, Y35, BAT750	Y45⑦, Y46⑦	Y644M, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
Die Part Number/Color Code and Die Index Number/(Number of Crimps)										
Purple 54H② (2)	STD (1)	Purple 54H② (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 (1)	STD (1)	STD (1)
White 66 (1)	STD (1)	White 66 (1)	–	–	U30RT White 17 (2)	U30RT White 17 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Red 71H② (2)	STD (1)	Red 71H② (2)	–	–	U31RT Red 18 (2)	U31RT Red 18 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Blue 76H② (2)	STD (1)	Blue 76 (1)	–	–	U32RT Blue 19 (2)	U32RT Blue 19 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Brown 87H② (2)	STD (1)	Brown 87H② (2)	–	–	U34RT Brown 20 (2)	U34RT Brown 20 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Green 94H② (2)	STD (1)	Green 94H② (2)	–	–	U36RT Green 22 (2)	U36RT Green 22 (2)	STD (1)	–	STD (1)	–
Black 106H② (2)	STD (1)	Black 106H② (2)	–	–	U39RT Black 24 (3)	U39RT Black 24 (3)	STD (1)	–	STD (1)	–
125H② (2)	–	125H② (2)	–	–	–	S44RT White 27 (4)	–	–	–	–

②Half width dies.
⑦Requires U die adapter.
⑧Minimum size: #4 AWG lugs and splices.

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:

Die Part Number → **CD-2001-6**
Color Code → **Blue P24**
Number of Crimps → **(2)**
Die Index Number → **P24**

Panduit Part Number L = Lug S = Splice	Std. Wire Size	Wire Strip Length (In.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.3 – E.5)							Thomas & Betts			
			CT-1570	CT-1701①	CT-1700①	CT-720	CT-920, CT-920CH, CT-930, CT-930CH, CT-2920, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-930LPCH⑥, CT-940CH③, CT-2940③, CT-2940/L③, CT-2940/LE③	Uni-Die™ CT-980, CT-980CH, CT-2950⑤, CT-2980, CT-2980/L, CT-2980/LE, CT-2981, CT-980LPCH⑥, 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, TBM5, TBM8	TBM12, 13642M
			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**	#8 AWG	3/4	—	—	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)
SCL8		1-1/16											
LCB6 **LCBN6** **LCC6** **LCCN6**	#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)
SCL6													
LCB4 **LCBN4** **LCC4** **LCCN4**	#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 (2)	Gray 29 (1)	Gray 29 (1)	Gray 29 (1)
SCL4													
LCB2 **LCBN2** **LCC2** **LCCN2**	#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 (2)	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)
SCL2													
LCB1 **LCBN1** **LCC1** **LCCN1**	#1 AWG	1-7/16	—	—	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)
SCL1		1-3/8											
LCB1/0 **LCBN1/0** **LCC1/0** **LCCN1/0**	1/0 AWG	1-1/2	—	—	—	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)
SCL1/0		1-3/8											
LCB2/0 **LCBN2/0** **LCC2/0** **LCCN2/0**	2/0 AWG	1-9/16	—	—	—	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)
SCL2/0		1-1/2											
LCB3/0 **LCBN3/0** **LCC3/0** **LCCN3/0**	3/0 AWG	1-9/16	—	—	—	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)
SCL3/0		1-1/2											
LCB4/0 **LCBN4/0** **LCC4/0** **LCCN4/0**	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)
SCL4/0													
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)	—	Yellow 62 (4)	Yellow 62 (4)	Yellow 62 (2)
SLC250		1-5/8											

①The CT-1700 and CT-1701 crimp die pockets are integrated into the tool frame; ③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter; ⑤Maximum size: 500 kcmil lugs and 250 kcmil splices; ⑥Maximum size: 250 kcmil lugs and splices. No extended wire range.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCB, LCBN, LCC, LCCN and SCL (continued)

Thomas & Betts			Burndy					Anderson	Penn-Union	Greenlee
TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM750BSCR⑧, TBM8-750BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	Y2MR, Y1MR, Y1MRTC	MY29	Y35, Y35BH, Y39, Y39BH, Y750, Y750-2, Y750BH, Y750HS, Y750BH-2, PAT750, BAT750, BAT35	Y45⑦, Y46⑦	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 42H② (4)	STD (2)	Pink 42H② (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 54H② (4)	STD (2)	Purple 54H② (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 (1)	STD (1)

②Half width dies; ⑦Requires U die adapter; ⑧Minimum size: #4 AWG lugs and splices.

Continues on next page

A. Cable Ties

B. Stainless Steel

C. Wiring Duct

D. Terminals and Reel Smart™ System

E. Power Connectors and Grounding

F. Part Number Index

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCB, LCBN, LCC, LCCN and SCL (continued)

			Panduit (See Compression Connector Tools Selection Guide, Pages E.3 – E.5)				Thomas & Betts	
Panduit Part Number L = Lug S = Splice	Std. Wire Size	Wire Strip Length (In.)	CT-720	CT-920, CT-920CH, CT-930, CT-930CH, CT-2920, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-930LPCH⑥, CT-940CH③, CT-2940③, CT-2940/L③, CT-2940/LE③	Uni-Die™ CT-980, CT-980CH, CT-2950⑤ CT-2980, CT-2980/L, CT-2980/LE, CT2981, CT-980LPCH⑥ Extended Wire Range⑨	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	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 66② (4)
SCL300		2						
LCB350 LCBN350 LCC350 LCCN350	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 71H② (4)
SCL350		2						
LCB400 LCBN400 LCC400 LCCN400	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 76H② (4)
SCL400		2-1/8						
LCB500 LCBN500 LCC500 LCCN500	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 71 (4)	Brown 87H② (4)
SCL500		2-1/4						
LCB600 LCBN600 LCC600 LCCN600	600 kcmil	2-3/4	—	CD-920-600 Green P94 (4)	250 – 600 kcmil (3)	—	—	Green 94H② (4)
SCL600		2-11/16						
LCB750 LCBN750 LCC750 LCCN750	750 kcmil	2-15/16	—	CD-920-750 CD-940-750④ Black P106 (4)	500 – 750 kcmil (3)	—	—	Black 106H② (4)
SCL750		2-7/8						
LCB800 LCBN800 LCC800 LCCN800	800 kcmil	3	—	CD-940-800④ Orange P107 (4)	—	—	—	—
LCB1000 LCBN1000 LCC1000 LCCN1000	1000 kcmil	3-1/16	—	CD-940-1000④ White P125 (4)	—	—	—	Yellow 125H② (4)
SCL1000		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.

Continues on next page

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCB, LCBN, LCC, LCCN and SCL (continued)

Thomas & Betts			Burndy			Anderson	Penn-Union	Greenlee
TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM750BSCR⑧, TBM8-750BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	Y35, Y35BH, Y39, Y39BH, Y750, Y750-2, Y750BH, Y750HS, Y750BH-2, PAT750, BAT750, BAT35	Y45⑦, Y46⑦	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 71② (4)	STD (3)	Red 71 (4)	U31RT Red 18 (3)	U31RT Red 18 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Blue② (4)	STD (3)	Blue 76 (4)	U32RT Blue 19 (3)	U32RT Blue 19 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Brown 87② (4)	STD (3)	Brown 87 (4)	U34RT Brown 20 (3)	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Green 94② (4)	STD (4)	Green 94 (4)	U36RT Green 22 (4)	U36RT Green 22 (4)	STD (1)	—	STD (4)	—
Black 106② (4)	STD (4)	Black 106 (4)	U39RT Black 24 (5)	U39RT Black 24 (5)	STD (1)	—	STD (4)	—
—	—	—	—	—	—	—	—	—
125② (4)	—	125② (4)	—	S44RT White 27 (6)	—	—	—	—

②Half width dies.
⑦Requires U die adapter.
⑧Minimum size: #4 AWG lugs and splices.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

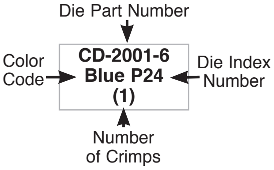
For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAX, LCAXN, LCBX, LCDX, LCDXN and LCCX

How to read this chart

For LCAX6 lug and CT-2001 crimping tool:



Panduit Part Number	Std. Wire Size	Cable Classes	Wire Strip Length (In.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.3 – E.5): CT-1700①	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-2940③, CT-2940/L③, CT-2940/LE③, CT-940CH③
				Die Part Number/Color Code and Die Index Number (Number of Crimps)		
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 AWG	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 AWG	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.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
⑥Does not include Class K flex conductor with Burndy tools.
⑦Does not include Class M flex conductor with Thomas and Betts tools.
⑧Does not include Class K and M flex conductor with Thomas and Betts tools.
⑨Does not include Class K flex conductor with Thomas and Betts tools.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAX, LCAXN, LCBX, LCDX, LCDXN and LCCX (continued)

Thomas & Betts						Burndy			
TBM12	**TBM8**	**TBM6, 25000**	**TBM6BSCR, TBM6H**	**TBM8-750, TBM8-750M-1**	**TBM14BSCR, TBM14M, TBM15**	**BCT500HS, Y500CT-HS**	**Y644M**	**Y35, Y39, Y750, Y46⑤, 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)	

⑤Requires U die adapter.

Continues on next page

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAX, LCAXN, LCBX, LCDX, LCDXN and LCCX (continued)

Panduit Part Number	Std. Wire Size	Cable Classes	Wire Strip Length (In.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.3 – E.5)		
				CT-1700①	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-2940③, CT-2940/L③, CT-2940/LE③, CT-940CH③
				Die Part Number/Color Code and Die Index Number (Number of Crimps)		
LCAX4/0, LCDX4/0, LCDXN4/0, LCEX4/0, LCJX4/0	4/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)⑦	1-1/16	—	CD-2001-4/0 Purple P54 (2)	CD-920-4/0 Purple P54 (1)
LCBX4/0, LCCX4/0			2-5/16		CD-2001-4/0 Purple P54 (3)	CD-920-4/0 Purple P54 (3)
LCAX250, LCAXN250, LCDX250, LCDXN250, LCEX250, LCJX250	250 kcmil	G, H, I, K, M,	1-1/16	—	CD-2001-250 Yellow P62 (2)	CD-920-250 Yellow P62 (1)
LCBX250, LCCX250	262.6 kcmil	Locomotive (DLO)	2-5/16		CD-2001-250 Yellow P62 (3)	CD-920-250 Yellow P62 (3)
LCAX300, LCDX300, LCDXN300, LCEX300, LCJX300	300 kcmil	G, H, I, K, M,	1-1/4	—	CD-2001-350 Red P71 (2)	CD-920-350 Red P71 (2)
	313.1 kcmil	Locomotive (DLO)				
LCBX300, LCCX300	300 kcmil	G, H, I, K, M,	2-3/8		CD-2001-350 Red P71 (4)	CD-920-350 Red P71 (3)
	313.1 kcmil	Locomotive (DLO)				
LCAX350, LCDX350, LCDXN350, LCEX350, LCJX350	350 kcmil	G, H, I, K, M,	1-3/8	—	CD-2001-400 Blue P76 (2)	CD-920-400 Blue P76 (2)
	373.7 kcmil	Locomotive (DLO)				
LCBX350, LCCX350	350 kcmil	G, H, I, K, M,	2-9/16		CD-2001-400 Blue P76 (4)	CD-920-400 Blue P76 (3)
	373.7 kcmil	Locomotive (DLO)				
LCAX450, LCDX450, LCDXN450, LCEX450, LCJX450	450 kcmil	G, H, I, K, M,	1-7/16	—	—	CD-920-500 Brown P87 (2)
	444.4 kcmil	Locomotive (DLO)				
LCBX450, LCCX450	450 kcmil	G, H, I, K, M,	2-3/4	—	—	CD-920-500 Brown P87 (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-940-750④ Black P106 (2)
LCAX750, LCDX750, LCDXN750, LCEX750, LCJX750	777.7 kcmil	Locomotive (DLO)	1-3/4	—	—	CD-940-750X④ Yellow (2)

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 adapter.
④CD-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.

Continues on next page

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAX, LCAXN, LCBX, LCDX, LCDXN and LCCX (continued)

Thomas & Betts						Burndy			
TBM12	TBM8	TBM6, 25000	TBM6BSCR, TBM6H	TBM8-750, TBM8-750M-1	TBM14BSCR, TBM14M, TBM15	BCT500HS, Y500CT-HS	Y644M	Y35, Y39, Y750, Y46⑤, 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 71H② (2)	—	—	6TON71 Red 71H② (2)	STD (2)	15514-CK Red 71H② (2)	W31RT Red 18 (2)	(1)	U31RT Red 18 (2)	—
TBM12D-4 Red 71H② (4)			6TON71 Red 71H② (4)	STD (4)	15514-CK Red 71H② (4)	W31RT Red 18 (4)	(3)	U31RT Red 18 (4)	
TBM12D-4 Blue 76H② (2)	—	—	6TON76 Blue 76H② (2)	STD (2)	15512 Blue 76H② (2)	W32RT Blue 19 (3)	(1)	U32RT Blue 19 (2)	—
TBM12D-4 Blue 76H② (4)			6TON76 Blue 76H② (4)	STD (4)	15512 Blue 76H② (4)	W32RT Blue 19 (4)	(3)	U32RT Blue 19 (4)	
TBM12D-3 Brown 87H② (2)	—	—	6TON87 Brown 87H② (2)	STD (2)	15506 Brown 87H② (2)	—	(1)	U34RT Brown 20 (2)	—
TBM12D-3 Brown 87H② (4)			6TON87 Brown 87H② (4)	STD (4)	15506 Brown 87H② (4)		(4)	U34RT Brown 20 (4)	
TBM12D-2 Pink 99H② (2)	—	—	—	STD (2)	15505 Pink 99H② (2)	—	(1)	U38XRT Pink L99 (2)	—
TBM12D-2 Pink 99H② (4)				STD (4)	15505 Pink 99H② (4)		(4)	U38XRT Pink L99 (4)	
TBM12D-2 Pink 99H② (2)	—	—	—	STD (2)	15505 Pink 99H② (2)	—	(1)	U38RT Pink 400 (2)	—
TBM12D-2 Black 106H② (2)	—	—	—	—	15515-CK Black 106H② (2)	—	(1)	U39RT Black 24 (2)	—
TBM12D-1 Yellow 115H② (2)	—	—	—	—	15504 Yellow 115H② (2)	—	(1)	U44XRT Yellow L115 (2)	—

②Half width dies.
⑤Requires U die adapter.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

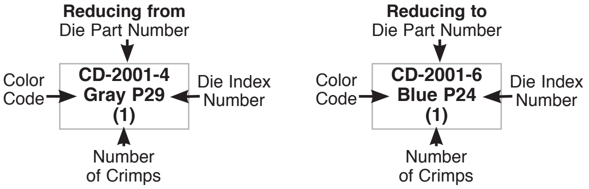
For use with Copper Conductors

Installation Tooling and Die Selections for:

Type RSC In-Line Reducing Splice

How to read this chart

For RSC4-6 splice and CT-2001 crimping tool



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

Continues on next page

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type RSC In-Line Reducing Splice (continued)

Panduit (See Compression Connector Tools Selection Guide, Pages E.3 – E.5)							
CT-1700①		CT-720		CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E		CT-930⑤, CT-930CH⑤, CT-920⑥, CT-920CH⑥, CT-2920⑥, CT-2940③, CT-2940/L③, CT-2940/LE③, CT-940CH③, CT-2930⑤, CT-2930/L, CT-2930/LE⑤, CT-2931⑤	
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-940-750④ Black P106 (2)	CD-920-4/0 Purple P54 (1)
–	–	–	–	–	–	CD-920-750, CD-940-750④ Black P106 (2)	CD-920-250 Yellow P62 (1)
–	–	–	–	–	–	CD-920-750, CD-940-750④ Black P106 (2)	CD-920-400 Blue P76 (2)
–	–	–	–	–	–	CD-920-750, CD-940-750④ Black P106 (2)	CD-920-500 Brown P87 (2)
–	–	–	–	–	–	CD-920-750, CD-940-750④ Black P106 (2)	CD-920-500A Pink P99 (2)
–	–	–	–	–	–	CD-920-750, CD-940-750④ Black P106 (2)	CD-920-750, CD-940-750 Black P106 (2)
–	–	–	–	–	–	CD-940-750X④ Yellow P115 (2)	CD-920-4/0 Purple P54 (1)
–	–	–	–	–	–	CD-940-750X④ Yellow P115 (2)	CD-940-750④ Black P106 (2)

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 adapter.

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

⑤Maximum conductor size: 500 kmcil Class I and 750 kcmil Class I, B, C, Compact.

⑥Maximum conductor size: 250 kmcil Class I and 400 kcmil Class I, B, C, Compact.

Continues on next page

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type RSC In-Line Reducing Splice (continued)

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

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type RSC In-Line Reducing Splice (continued)

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

Continues on next page

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type RSC In-Line Reducing Splice (continued)

Panduit Part Number	Reducing From			Reducing To		
	Standard Wire Size	Cable Classes	Wire Strip Length (In.)	Standard Wire Size	Cable Classes	Wire Strip Length (In.)
RSC4-6	#4 – #3 AWG STR, #2 AWG 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 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

Continues on next page

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type RSC In-Line Reducing Splice (continued)

Thomas & Betts							
TBM20S, TBM25S		TBM5, TBM6, TBM8		TBM12, 13642M		TBM14BSCR, BPLT14BSCR, 13100A, TBM14M	
Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To
Color Code/Die Index Number/(Number of Crimps)							
Gray 29 (2)	Blue 24 (3)	Gray 29 (1)	Blue 24 (1)	Gray 29 (1)	Blue 24 (1)	Gray 29 (1)	Blue 24 (1)
Brown 33 (2)	Blue 24 (3)	Brown 33 (1)	Blue 24 (1)	Brown 33 (1)	Blue 24 (1)	Brown 33 (1)	Blue 24 (1)
Brown 33 (2)	Gray 29 (3)	Brown 33 (1)	Gray 29 (1)	Brown 33 (1)	Gray 29 (1)	Brown 33 (1)	Gray 29 (1)
—	—	Pink 42 (1)	Blue 24 (1)	Pink 42 (1)	Blue 24 (1)	Pink 42H② (2)	Blue 24 (1)
—	—	Pink 42 (1)	Gray 29 (1)	Pink 42 (1)	Gray 29 (1)	Pink 42H② (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 54H② (2)	Blue 24 (1)
—	—	Purple 54 (2)	Gray 29 (1)	Purple/Olive 54 (1)	Gray 29 (1)	Olive 54H② (2)	Gray 29 (1)
—	—	Purple 54 (2)	Pink 42 (2)	Purple/Olive 54 (1)	Pink 42 (2)	Olive 54H② (2)	Pink 42H② (4)
—	—	Purple 54 (2)	Black 45 (2)	Purple/Olive 54 (1)	Black/Gold 45 (1)	Olive 54H② (2)	Black 45 (1)
—	—	—	—	Brown 87H② (2)	Yellow 62 (1)	Brown 87H② (2)	Yellow 62 (1)
—	—	—	—	Brown 87H② (2)	Blue 76H② (2)	Brown 87H② (2)	Blue 76 (1)
—	—	—	—	Black/Orange 106H② (2)	Purple/Olive 54 (1)	Black 106H② (2)	Olive 54H② (2)
—	—	—	—	Black/Orange 106H② (2)	Yellow 62 (1)	Black 106H② (2)	Yellow 62 (1)
—	—	—	—	Black/Orange 106H② (2)	Blue 76H② (2)	Black 106H② (2)	Blue 76 (1)
—	—	—	—	Black/Orange 106H② (2)	Brown 87H② (2)	Black 106H② (2)	Brown 87H② (2)
—	—	—	—	Black/Orange 106H② (2)	Pink 99H (2)	Black 106H② (2)	Pink 99H (2)
—	—	—	—	Black/Orange 106H② (2)	Black/Orange 106H② (2)	Black 106H② (2)	Black 106H② (2)
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—

②Half width dies.

A. Cable Ties

B. Stainless Steel

C. Wiring Duct

D. Terminals and Reel Smart™ System

E. Power Connectors and Grounding

F. Part Number Index

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

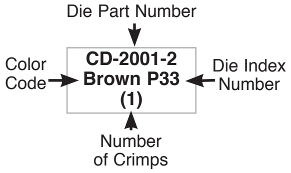
For use with Copper Conductors

Installation Tooling and Die Selections for:

Type PSC

How to read this chart

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



		Panduit Crimping Tool Part Number (See Compression Connector Tools Selection Guide, Pages E.3 – E.5)		
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	1 1/16	(1)	CD-2001-2 Brown P33 (1)	CD-920-2 Brown P33 (1)
PSCGRN-L	1 1/16	(1)	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)
PSCPNK-L	1 1/16	(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.

Crimp Tools and Dies for Rigid Stranded Class 2r Conductor

Panduit Part Number	Wire Strip Length (mm)	Copper Conductor Size (mm^2) and Class^	CT-100	CT-200, CT-1570	CT-600	CT-1701	CT-2001, CT-2002, CT-3001, CT-3001/E‡	CT-2931, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE‡, CT-940CH*, CT-2940*, CT-2940/L*, CT-2940/LE*‡
			Die Part Number/Color Code and Index Number (Number of Crimps)					
LCMA6	11.0	4-6 Class 2r	22-10 (1)	12-10 (1)	CT-570CH 12-10 (1)	P10 (1)	—	—
LCMD6								
LCMA10	12.5	10 Class 2r	—	—	—	—	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)
LCMD10								
SCMS10								
LCMA16	16.0	16 Class 2r	—	—	—	—	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)
LCMD16								
SCMS16								
LCMA25	16.5	25 Class 2r	—	—	—	—	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
LCMD25								
SCMS25								
LCMA35	19.0	35 Class 2r	—	—	—	—	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
LCMD35								
SCMS35								
LCMA50	21.8	50 Class 2r	—	—	—	—	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)
LCMD50								
SCMS50								
LCMA70	24.8	70 Class 2r	—	—	—	—	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (2)
LCMD70								
SCMS70								
LCMA95	26.0	95 Class 2r	—	—	—	—	CD-2001-4/0 Purple P54 (2)	CD-920-4/0 Purple P54 (2)
LCMD95								
SCMS95								
LCMA120	26.0	120 Class 2r	—	—	—	—	CD-2001-250 Yellow P62 (2)	CD-920-500 Yellow P62 (2)
LCMD120								
SCMS120								
LCMA150	29.0	150 Class 2r	—	—	—	—	CD-2001-300 White P66 (2)	CD-920-300 White P66 (2)
LCMD150								
SCMS150								
LCMA185	29.7	185 Class 2r	—	—	—	—	CD-2001-400 Blue P76 (2)	CD-920-400 Blue P76 (2)
LCMD185								
SCMS185								
LCMA240	36.5	240 Class 2r	—	—	—	—	CD-2001-500 Brown P87 (2)	CD-920-500 Brown P87 (2)
LCMD240								
SCMS240								
LCMA300	41.8	300 Class 2r	—	—	—	—	—	CD-920-600 Green P94 (2)
LCMD300								
SCMS300								
LCMAX300	46.3	—	—	—	—	—	—	—
LCMDX300								
SCMSX300								
LCMA400	46.3	400 Class 2r	—	—	—	—	—	CD-920-750, CD-940-750** Black P106 (2)
LCMD400	46.3							
SCMS400	49.0							
LCMA500	48.0	500 Class 2r	—	—	—	—	—	CD-940-1000** White P125 (3)
LCMD500	48.0							
SCMS500	49.5							
LCMA630	57.7	630 Class 2r	—	—	—	—	—	CD-940-1000** White P125 (4)
LCMD630	57.7							
SCMS630	67.0							

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

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

^Class 2r Rigid Stranded Metric Copper Conductor and Class 5f and 6f Flexible Stranded Metric Copper Conductor Per DIN VDE 0295, IEC 60228 and HD 383.

‡CE Approved crimp tool.

‡‡Nest die must be used in conjunction with specified indenter die.

A. Cable Ties

B. Stainless Steel

C. Wiring Duct

D. Terminals and Reel Smart™ System

E. Power Connectors and Grounding

F. Part Number Index

Crimp Tools and Dies for Flexible Stranded Class 5f/6f Conductor

	CT-100	CT-200, CT-1570	CT-600	CT-1701	CT-2001, CT-2002, CT-3001, CT-3001/E‡	CT-2931, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE‡, CT-940CH*, CT-2940*, CT-2940/L*, CT-2940/LE*‡	CT-2931, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE‡, CT-940CH*, CT-2940*, CT-2940/L*, CT-2940/LE*‡		
Copper Conductor Size (mm²) and Class^	Die Part Number/Color Code and Index Number (Number of Crimps)						Bottom Nest Die‡‡ Part Number Color Color and Index Number	Top Indenter Die Part Number Index Number	Crimps Per Connector Nest/ Indenter Dies
4-6 Class 5f	22-10 (1)	12-10 (1)	CT-570CH 12-10 (1)	P10 (1)	—	—	—	—	—
—	—	—	—	—		—	—	—	—
10 Class 5f Class 6f	—	—	—	CD-920-8 Red P21 (1)		CD-920-8 Red P21 (1)	CD-920-4NEST Gray P29	CDI-920-10 (1)	(1)
16 Class 5f Class 6f	—	—	—	CD-920-8 Red P21 (1)		CD-920-8 Red P21 (1)	CD-920-4NEST Gray P29	CDI-920-10 (1)	(1)
25 Class 5f Class 6f	—	—	—	CD-2001-4 Gray P29 (1)		CD-920-4 Gray P29 (1)	CD-920-1/0NEST Pink P42	CDI-920-24 (2)	(1)
35 Class 5f Class 6f	—	—	—	CD-2001-2 Brown P33 (2)		CD-920-2 Brown P33 (2)	CD-920-3/0NEST Orange P50	CDI-920-24 (2)	(1)
50 Class 5f Class 6f	—	—	—	CD-2001-1 Green P37 (2)		CD-920-1 Green P37 (2)	CD-920-3/0NEST Orange P50	CDI-920-24 (2)	(1)
70 Class 5f Class 6f	—	—	—	CD-2001-2/0 Black P45 (2)		CD-920-2/0 Black P45 (2)	CD-920-250NEST Yellow P62	CDI-920-48 (4)	(1)
95 Class 5f Class 6f	—	—	—	CD-2001-3/0 Orange P50 (2)		CD-920-3/0 Orange P50 (2)	CD-920-400NEST Blue P76	CDI-920-48 (4)	(1)
120 Class 5f Class 6f	—	—	—	—		—	CD-920-400NEST Blue P76	CDI-920-48 (4)	(1)
150 Class 5f Class 6f	—	—	—	—		—	CD-920-400NEST Blue P76	CDI-920-48 (4)	(1)
185 Class 5f Class 6f	—	—	—	—		—	CD-920-500NEST Brown P87	CDI-920-48 (4)	(1)
240 Class 5f Class 6f	—	—	—	—		—	CD-920-750NEST Black P106	CDI-920-60 (6)	(1)
300 Class 5f	—	—	—	—		—	CD-920-300MXNST P32	CDI-920-60 (6)	(1)
—	—	—	—	—		—	—	—	—
—	—	—	—	—		—	—	—	—
—	—	—	—	—		—	—	—	—

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

^Class 2r Rigid Stranded Metric Copper Conductor and Class 5f and 6f Flexible Stranded Metric Copper Conductor Per DIN VDE 0295, IEC 60228 and HD 383.

‡CE Approved crimp tool.

‡‡Nest die must be used in conjunction with specified indenter die.

Crimp Tools and Dies for Rigid Stranded Conductor

Panduit Part Number	Wire Strip Length (mm)	Copper Conductor Size (mm^2) and Class^	CT-2001, CT-2002, CT-3001, CT-3001/E‡	CT-2931, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE‡, CT-940CH*, CT-2940*, CT-2940/L*, CT-2940/LE*‡
			Die Part Number Color Code and Index Number (Number of Crimps)	
LCMB10	25.6	10 Class 2r	CD-2001-8 Red P21 (2)	CD-920-8 Red P21 (2)
LCMC10				
LCMB16	28.8	16 Class 2r	CD-2001-8 Red P21 (2)	CD-2001-8 Red P21 (2)
LCMC16				
LCMB25	28.3	25 Class 2r	CD-2001-4 Gray P29 (2)	CD-920-4 Gray P29 (2)
LCMC25				
LCMB35	34.4	35 Class 2r	CD-2001-4 Gray P29 (2)	CD-920-4 Gray P29 (2)
LCMC35				
LCMB50	38.2	50 Class 2r	CD-2001-1 Green P37 (2)	CD-920-1 Green P37 (2)
LCMC50				
LCMB70	39.6	70 Class 2r	CD-2001-2/0 Black P45 (3)	CD-920-2/0 Black P45 (3)
LCMC70				
LCMB95	44.6	95 Class 2r	CD-2001-4/0 Purple P54 (3)	CD-920-4/0 Purple P54 (3)
LCMC95				
LCMB120	41.3	120 Class 2r	CD-2001-250 Yellow P62 (3)	CD-920-250 Yellow P62 (3)
LCMC120				
LCMB150	58.6	150 Class 2r	CD-2001-300 White P66 (3)	CD-920-300 White P66 (3)
LCMC150				
LCMB185	57.9	185 Class 2r	CD-2001-400 Blue P76 (3)	CD-920-400 Blue P76 (3)
LCMC185				
LCMB240	65.1	240 Class 2r	CD-2001-500 Brown P87 (3)	CD-920-500 Brown P87 (3)
LCMC240				
LCMB300	70	300 Class 2r	—	CD-920-600 Green P94 (3)
LCMC300				
LCMBX300	74.6	—	—	—
LCMCX300				
LCMB400	66.8	400 Class 2r	—	CD-920-750, CD-940-750** Black P106 (3)
LCMC400				
LCMB500	77.8	400 Class 2r	—	CD-940-1000** White P125 (4)
LCMC500				
LCMB630	85.9	400 Class 2r	—	CD-940-1000** White P125 (5)
LCMC630				

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

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

^Class 2r Rigid Stranded Metric Copper Conductor and Class 5f and 6f Flexible Stranded Metric Copper Conductor Per DIN VDE 0295, IEC 60228 and HD 383.

‡CE Approved crimp tool.

‡‡Nest die must be used in conjunction with specified indenter die.

Crimp Tools and Dies for Flexible Stranded Conductor

	CT-2001, CT-2002, CT-3001, CT-3001/E‡	CT-2931, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE‡, CT-940CH*, CT-2940*, CT-2940/L*, CT-2940/LE*‡	CT-2931, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE‡, CT-940CH*, CT-2940*, CT-2940/L*, CT-2940/LE*‡		
Copper Conductor Size (mm^2) and Class^	**Die Part Number Color Code and Index Number (Number of Crimps)**		**Bottom Nest Die‡‡ Part Number Color Code, Index Number**	**Top Indenter Die Part Number, Index Number**	**Crimps Per Connector Nest/ Indenter Dies**
—	—	—	—	—	—
10 Class 5f Class 6f	CD-2001-8 Red P21 (2)	CD-920-8 Red P21 (2)	—	—	—
16 Class 5f Class 6f	CD-2001-8 Red P21 (2)	CD-920-8 Red P21 (2)	—	—	—
25 Class 5f Class 6f	CD-2001-4 Gray P29 (2)	CD-920-4 Gray P29 (2)	—	—	—
35 Class 5f Class 6f	CD-2001-2 Brown P33 (3)	CD-920-2 Brown P33 (3)	—	—	—
50 Class 5f Class 6f	CD-2001-1 Green P37 (3)	CD-920-1 Green P37 (3)	—	—	—
70 Class 5f Class 6f	CD-2001-2/0 Black P45 (3)	CD-920-2/0 Black P45 (3)	CD-920-250NEST Yellow P62	CDI-920-48 (4)	(2)
95 Class 5f Class 6f	CD-2001-3/0 Orange P50 (3)	CD-920-3/0 Orange P50 (3)	CD-920-400NEST Blue P76	CDI-920-48 (4)	(2)
120 Class 5f Class 6f	—	—	CD-920-400NEST Blue P76	CDI-920-48 (4)	(2)
150 Class 5f Class 6f	—	—	CD-920-400NEST Blue P76	CDI-920-48 (4)	(2)
185 Class 5f Class 6f	—	—	CD-920-500NEST Brown P87	CDI-920-48 (4)	(2)
240 Class 5f Class 6f	—	—	CD-920-750NEST Black P106	CDI-920-60 (6)	(2)
300 Class 5f	—	—	CD-920-300MXNST P32	CDI-920-60 (6)	(2)
—	—	—	—	—	—
—	—	—	—	—	—
1000 kcmil Class G	—	CD-940-750A** Red P125 (2)	—	—	—
		CD-940-1000** White P125 (3)			

*CD-920 and CDI-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA die adapter.
**CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
^Class 2r Rigid Stranded Metric Copper Conductor and Class 5f and 6f Flexible Stranded Metric Copper Conductor Per DIN VDE 0295, IEC 60228 and HD 383.
‡CE Approved crimp tool.
‡‡Nest die must be used in conjunction with specified indenter die.

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

Reducing from Die Part Number → **CD-920-4**

Color Code → **Gray P29** ← Die Index Number

Number of Crimps → **(2)**

			Panduit (See Compression Connector Tools Selection Guide, Pages E.3 – E.5)		
Panduit Splice Part Number	**Std. Wire Size**	**Wire Strip Length (In.)**	**CT-1700①**	**CT-720**	**CT-930, CT-930CH, CT-920, CT-920CH, CT-2920, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2940③, CT-2940/L③, CT-2940/LE③, CT-940CH③**
L = Lug S = Splice			**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, LAB1/0	1/0 AWG	1-9/16	—	CD-720-2 Tan P50 (3)	CD-920-3/0 Tan P50 (2)
SA1/0		1			
LAA2/0, LAB2/0	2/0 AWG	1-9/16	—	CD-720-3 Olive P54 (3)	CD-920-4/0 Olive P54 (2)
SA2/0		1-1/8			
LAA3/0, LAB3/0	3/0 AWG	1-9/16	—	CD-720-3 Ruby P60 (4)	CD-920-250 Ruby P60 (2)
SA3/0		1-1/4			
LAA4/0, LAB4/0	4/0 AWG	1-3/4	—	CD-720-4 White P66 (4)	CD-920-300 White P66 (2)
SA4/0		1-5/16			
LAA250, LAB250	250 kcmil	1-3/4	—	CD-720-5 Red P71 (4)	CD-920-350 Red P71 (2)
SA250		1-7/16			
LAA300, LAB300	300 kcmil	2-5/16	—	CD-720-6 Blue P76 (4)	CD-920-400 Blue P76 (2)
SA300		1-1/2			
LAA350, LAB350	350 kcmil	2-5/16	—	CD-720-7 Brown P87 (4)	CD-920-500 Brown P87 (2)
SA350		1-5/8			
LAA400, LAB400	400 kcmil	2-9/16	—	—	CD-920-600 Green P94 (4)
SA400		1-13/16			
LAA500, LAB500	500 kcmil	3-1/16	—	—	CD-920-500A Pink P99 (4)
SA500		1-7/8			
LAA600, LAB600	600 kcmil	3-1/16	—	—	CD-920-750, CD-940-750④ Black P106 (4)
SA600		2			
LAA750, LAB750	750 kcmil	3-7/16	—	—	CD-940-750A④ Red P125 (4)
SA750		2-1/4			
LAA800, LAB800	800 kcmil	3-7/16	—	—	CD-940-800A④ Gray P140 (4)
SA800		2-5/16			
LAA1000, LAB1000	1000 kcmil	4-3/4	—	—	CD-940-1000A④ Brown P161 (4)
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.

Continues on next page

For use with Copper or Aluminum Conductors

Installation Tooling and Die Selections for:

Types LAA, LAB, and SA (continued)

Panduit Splice Part Number L = Lug S = Splice	Std. Wire Size	Wire Strip Length (In.)	Thomas & Betts			Burndy				Anderson
			TBM5	TBM8	TBM15, TBMISI, TBMISBSCR	MY29	Y35	Y39	Y45, Y46	VC8
			Die Part Number/Color Code and Die Index Number (Number of Crimps)							
LAA6	#6 AWG	1	Gray 29 (2)	Gray 29 (2)	Gray 29 (2)	6AL (1)	U6CABT Gray 346 (1)	U6CABT Gray 346 (1)	U6CABT Gray 346 (1)	STD (1)
SA6		3/4								
LAA4	#4 AWG	1-1/16	Green 37 (2)	Green 37 (2)	Green 37 (2)	4AL (1)	U4CABT Green 375 (1)	U4CABT Green 375 (1)	U4CABT Green 375 (1)	STD (1)
SA4		7/8								
LAA2	#2 AWG	1	Pink 42 (3)	Pink 42 (3)	Pink 42 (3)	2AL (1)	U2CABT Pink 348 (2)	U2CABT Pink 348 (2)	U2CABT Pink 348 (2)	STD (1)
SA2		7/16								
LAA1	#1 AWG	1	Gold 45 (3)	Gold 45 (3)	Gold 45 (3)	1AL (1)	U1CART Gold 471 (2)	U1CART Gold 471 (2)	U1CART Gold 471 (2)	STD (1)
SA1		7/16								
LAA1/0, LAB1/0	1/0 AWG	1-9/16	Tan 50 (3)	Tan 50 (3)	Tan 50 (3)	1/0AL (1)	U25ART Tan 298 (2)	U25ART Tan 298 (2)	U25ART Tan 298 (2)	STD (2)
SA1/0		1								
LAA2/0, LAB2/0	2/0 AWG	1-9/16	Olive 54 (3)	Olive 54 (3)	Olive 54 (3)	2/0AL (2)	U26ART Olive 297 (2)	U26ART Olive 297 (2)	U26ART Olive 297 (2)	STD (2)
SA2/0		1-1/8								
LAA3/0, LAB3/0	3/0 AWG	1-9/16	Ruby 60 (4)	Ruby 60 (4)	Ruby 60 (4)	3/0AL (2)	U27ART Ruby 467 (2)	U27ART Ruby 467 (2)	U27ART Ruby 467 (2)	STD (2)
SA3/0		1-1/4								
LAA4/0, LAB4/0	4/0 AWG	1-3/4	—	White 66 (4)	White 66 (4)	4/0AL (2)	U28ART White 298 (2)	U28ART White 298 (2)	U28ART White 298 (2)	STD (2)
SA4/0		1-5/16								
LAA250, LAB250	250 kcmil	1-3/4	—	Red 71 (4)	Red 71H② (4)	—	U29ART Red 324 (2)	U29ART Red 324 (2)	U29ART Red 324 (2)	STD (2)
SA250		1-7/16								
LAA300, LAB300	300 kcmil	2-5/16	—	Blue 76 (4)	Blue 76 (4)	—	U30ART Blue 470 (2)	U30ART Blue 470 (2)	U30ART Blue 470 (2)	STD (2)
SA300		1-1/2								
LAA350, LAB350	350 kcmil	2-5/16	—	Brown 87 (4)	Brown 87H② (4)	—	U31ART Brown 299 (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)	STD (2)
SA350		1-5/8								
LAA400, LAB400	400 kcmil	2-9/16	—	—	Green 94H② (4)	—	U32ART Green 472 (4)	U32ART Green 472 (4)	U32ART Green 472 (4)	—
SA400		1-13/16								
LAA500, LAB500	500 kcmil	3-1/16	—	—	Pink 99H② (4)	—	U34ART Pink 300 (4)	U34ART Pink 300 (4)	U34ART Pink 300 (4)	—
SA500		1-7/8								
LAA600, LAB600	600 kcmil	3-1/16	—	—	Black 106 (3)	—	U36ART Black 473 (4)	U36ART Black 473 (4)	U36ART Black 473 (4)	—
SA600		2								
LAA750, LAB750	750 kcmil	3-7/16	—	—	Yellow 115H② (4)	—	—	S39ART Red 301 (4)	S39ART Red 301 (4)	—
SA750		2-1/4								
LAA800, LAB800	800 kcmil	3-7/16	—	—	125H② (4)	—	—	Gray 474 (4)	Gray 474 (4)	—
SA800		2-5/16								
LAA1000, LAB1000	1000 kcmil	4-3/4	—	—	161 (5)	—	—	S44ART Brown 302 (4)	S44ART Brown 302 (4)	—
SA1000		2-9/16								

②Half width dies.

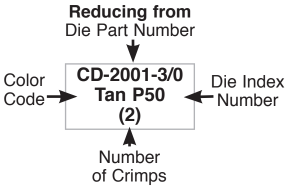
For use with Aluminum Conductors

Installation Tooling and Die Selections for:

Type BPC

How to read this chart

For BPC6 connector and CT-2001 crimping tool



Panduit Splice Part Number L = Lug S = Splice	Std. Wire Size	Wire Strip Length (In.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.3 – E.5)		
			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-2940②, CT-2940/L②, CT-2940/LE②, CT-2920, CT-940CH②
			Die Part Number/Color Code and Die Index Number (Number of Crimps)		
BPC6	#6 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-2001-3/0 Tan P50 (2)	CD-920-3/0 Tan P50 (2)
BPC4	#4 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-2001-3/0 Tan P50 (2)	CD-920-3/0 Tan P50 (2)
BPC2	#2 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-2001-3/0 Tan P50 (2)	CD-920-3/0 Tan P50 (2)
BPC1	#1 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-2001-3/0 Tan P50 (2)	CD-920-3/0 Tan P50 (2)
BPC1/0	1/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (2)
BPC2/0	2/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (2)
BPC3/0	3/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (2)
BPC4/0	4/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (2)
BPC250	250 kcmil	1-7/16	—	—	CD-920-600 Green P94 (2)
BPC300	300 kcmil	1-7/16	—	—	CD-920-600 Green P94 (2)
BPC350	350 kcmil	1-7/16	—	—	CD-920-600 Green P94 (2)
BPC400	400 kcmil	1-7/16	—	—	CD-920-750, CD-940-750③ Black P106 (2)
BPC500	500 kcmil	1-7/16	—	—	CD-920-750, CD-940-750③ Black P106 (2)
BPC600	600 kcmil	1-15/16	—	—	CD-940-750A③ Red P125 (2)
BPC750	750 kcmil	1-15/16	—	—	CD-940-750A③ 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.

Continues on next page

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

For use with 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 76H① (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
Blue 76H① (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
Blue 76H① (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
Blue 76H① (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
Pink 99H① (2)	Brown 87 (3)	Brown 87H① (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)
Pink 99H① (2)	Brown 87 (3)	Brown 87H① (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)
Pink 99H① (2)	Brown 87 (3)	Brown 87H① (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)
Black 106H① (3)	—	Black 106H① (3)	U34ART Pink 300 (3)	U34ART Pink 300 (3)
Black 106H① (3)	—	Black 106H① (3)	U34ART Pink 300 (3)	U34ART Pink 300 (3)
Yellow 115H① (3)	—	Yellow 115H① (3)	—	U39ART-2 Yellow 936 (3)
Yellow 115H① (3)	—	Yellow 115H① (3)	—	U39ART-2 Yellow 936 (3)

①Half width dies.

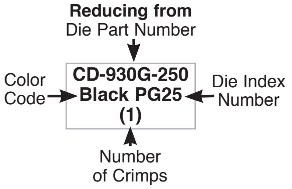
For use with Copper Conductors

Installation Tooling and Die Selections for:

Types GCE, GCC and GPC

How to read this chart

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



Installation Tools	12 TON	14 TON	15 TON
Panduit	CT-2931	CT-930 CT-930CH CT-2930 CT-2930/L CT-2930/LE	CT-940CH CT-2940 CT-2940/L CT-2940/LE
Burndy	Y750, Y750-2, Y750BH, Y750BH-2, BAT750-14V, PAT750-18V, PAT750C-18V, PAT750XT-18V, PAT750CXT-18V, LPHY750	—	Y46, Y46C, LPHY46
Thomas & Betts		TBM14M, TBM14MC, 13100A, TBM14RH, TBM14BSCR, BPLT14BSCRI	TBM15 TBM15BSCR

Panduit Part Number	Element	Copper Conductor Size Range	Ground Rod Size (In.)	Rebar Size (In.)	Die Part Number/Color Code and Die Index Number/(Number of Crimps)
GCE1/0-1/0	Main	#6 AWG SOL – 1/0 AWG STR	—	—	CD-930G-1/0 Red PG10 (1)
	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	CD-930G-250 Black PG25 (1)
	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	CD-930G-250 Black PG25 (1)
	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	CD-930G-500 Blue PG50 (1)
	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	CD-930G-500 Blue PG50 (1)
	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).

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type CTAP

How to read this chart

For CTAP4-4 and CT-2001 tool:

Reducing from
Die Part Number
↓
CD-2001-BG
(2)
↑
Number
of Crimps

				Panduit		Burndy	
	Conductor Size		Wire Strip Length (In.)	CT-920, CT-920CH, CT-930, CT-2920, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-940CH①, CT-2940①, CT-2940/L①, CT-2940/LE①	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
Panduit Part Number	**Main**	**Tap**		**Crimp Die Number/Index Number or Color Code/ (Number of Crimps)**			
CTAP4-8	#6 – #4 AWG SOL or STR	#8 AWG SOL or STR	3/4	CD-920-BG (1)	CD-2001-BG (1)	W-BG (1) BG (2)	U-BG (1)
CTAP4-6	#6 AWG STR, #4 AWG SOL or STR	#6 AWG SOL or STR	3/4	CD-920-BG (1)	CD-2001-BG (2)	W-BG (1) BG (2)	U-BG (1)
CTAP4-4	#4 AWG SOL or STR	#4 AWG STR	3/4	CD-920-BG (1)	CD-2001-BG (1)	W-BG (1) BG (2)	U-BG (1)
CTAP2-4	#2 AWG SOL or STR	#8 – #4 AWG SOL or STR	7/8	CD-920-C (1)	CD-2001-C (2)	W-C Brown (2)	U-C (1)
CTAP2-2	#2 AWG SOL or STR	#2 AWG SOL or STR	7/8	CD-920-C (1)	CD-2001-C (2)	W-C Brown (2)	U-C (1)
CTAP2/0-2	1/0 – 2/0 AWG	#8 – #2 AWG SOL or STR	1-1/16	CD-920-0 Green (1)	—	—	U-O (1) U-E (3)
CTAP2/0-2/0	1/0 – 2/0 AWG STR	1/0 – 2/0 AWG STR	1-1/16	CD-920-0 Green (1)	—	—	U-O (1) U-E (3)
CTAP4/0-2	3/0 – 4/0 AWG STR	#6 – #2 AWG SOL or STR	1-1/4	CD-920-D3 Blue (1)	—	—	U-F (2) U-D3 (1)
CTAP4/0-2/0	3/0 – 4/0 AWG STR	1/0 – 2/0 AWG STR	1-1/4	CD-920-D3 Blue (1)	—	—	U-F (2) U-D3 (1)
CTAP4/0-4/0	3/0 – 4/0 AWG STR	3/0 – 4/0 AWG STR	1-1/4	CD-920-D3 Blue (1)	—	—	U-F (2) U-D3 (1)

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

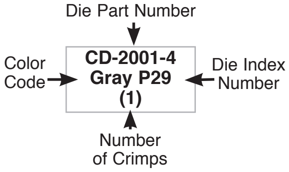
For use with Copper Conductors

Installation Tooling and Die Selections for:

Types CTAPF

How to read this chart

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



Panduit Part Number	Stranded Wire Size		Panduit	
	Main	Tap	CT-1700①	CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001E
			Crimp Die Number/Index Number or Color Code/ (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)	CD-2001-2 Brown P33 (2)
	#5, #4 AWG	#12 – #8 AWG		
CTAPF3-12	#5, #4 AWG	#6 – #5 AWG	Green P37 (4)	CD-2001-1 Green P37 (2)
	#3 AWG	#12 – #6 AWG		
CTAPF2-12	#4 AWG	#4 AWG	—	CD-2001-1/0 Pink P42 (2)
	#3 AWG	#5 AWG		
	#2 AWG	#12 – #6 AWG		
CTAPF1-12	#3 AWG	#4 – #3 AWG	—	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	—	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	—	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	—	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.

Continues on next page

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types CTAPF (continued)

			Burndy		Thomas & Betts
	Stranded Wire Size		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
Panduit Part Number	Run	Tap	Crimp Die Number/Index Number or Color Code/ (Number of Crimps)		
CTAPF10-16	#14 AWG	#16 – #14 AWG	—	—	—
	#12 AWG	#16 – #12 AWG			
	#10 AWG	#14 AWG			
CTAPF8-12	#10 AWG	#10 AWG	—	—	—
	#8 AWG	#12 AWG			
CTAPF6-12	#8 AWG	#8 – #12 AWG	—	—	—
	#6 AWG	#12 – #10 AWG			
CTAPF4-12	#6 AWG	#8 – #6 AWG	UC4 Brown 10M (1)	WC4 Brown 10M (1)	TBM8-750C20 (1)
	#5, #4 AWG	#12 – #8 AWG			
CTAPF3-12	#5, #4 AWG	#6 – #5 AWG	—	—	TBM8-750C2530 (1)
	#3 AWG	#12 – #6 AWG			
CTAPF2-12	#4 AWG	#4 AWG	UC2 Pink 12M (1)	WC2 Pink 12M (1)	TBM8-750C2530 (1)
	#3 AWG	#5 AWG			
	#2 AWG	#12 – #6 AWG			
CTAPF1-12	#3 AWG	#4 – #3 AWG	UC1 Black 13M (1)	WC1 Black 13M (2)	TBM8-750C3540 (1)
	#2 AWG	#5 – #4 AWG			
	#1 AWG	#12 – #5 AWG			
CTAPF1/0-12	#2 AWG	#4 – #2 AWG	UC25 Orange 14M (1)	WC25 Orange 14M (2)	TBM8-750C3540 (1)
	#1 AWG	#4 – #3 AWG			
	1/0 AWG	#12 – #4 AWG			
CTAPF2/0-12	#1 AWG	#2 – #1 AWG	—	—	TBM8-750C4550 (1)
	1/0 AWG	#3 – #2 AWG			
	2/0 AWG	#12 – #3 AWG			
CTAPF3/0-12	1/0 AWG	#1 – 1/0 AWG	—	—	TBM8-750C4550 (1)
	2/0 AWG	#2 – #1 AWG			
	3/0 AWG	#12 – #2 AWG			

Order number of pieces required, in multiples of Standard Package Quantity.

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:

Die Part Number

CD-920H-6
PH6

Die Index Number

Installation Tools		
15 TON	**14 TON**	**12 TON**
Panduit		
CT-940CH① **CT-2940①,** **CT-2940/L①,** **CT-2940/LE①**	**CT-930,** **CT-930CH,** **CT-2930,** **CT-2930/L,** **CT-2930/LE**	**CT-920,** **CT-920CH,** **CT-2920,** **CT-2931,** **CT-2931/E**
Burndy		
Y46①, **Y46C①**	—	**Y35, Y35-2,** **Y35BH,** **Y35BH-4,** **Y750,** **Y39, Y39BH,** **Y750-2,** **Y750BH,** **Y750BH-2,** **Y750HS,** **BAT35,** **BAT750,** **BAT750C,** **PAT750,** **PAT750C**
Thomas & Betts		
TBM15I, **TBM15BSCR**	**TBM14M,** **TBM14BSCR,** **BPLT14BSCR,** **13100A**	—

Panduit 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/ Color Code/Die Index Number/ (Number of Crimps = 1)		
	Run	Tap 1	Tap 2	Tap 3	Main	Tap 1	Tap 2	Tap 3		15 TON	14 TON	12 TON
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.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Notes

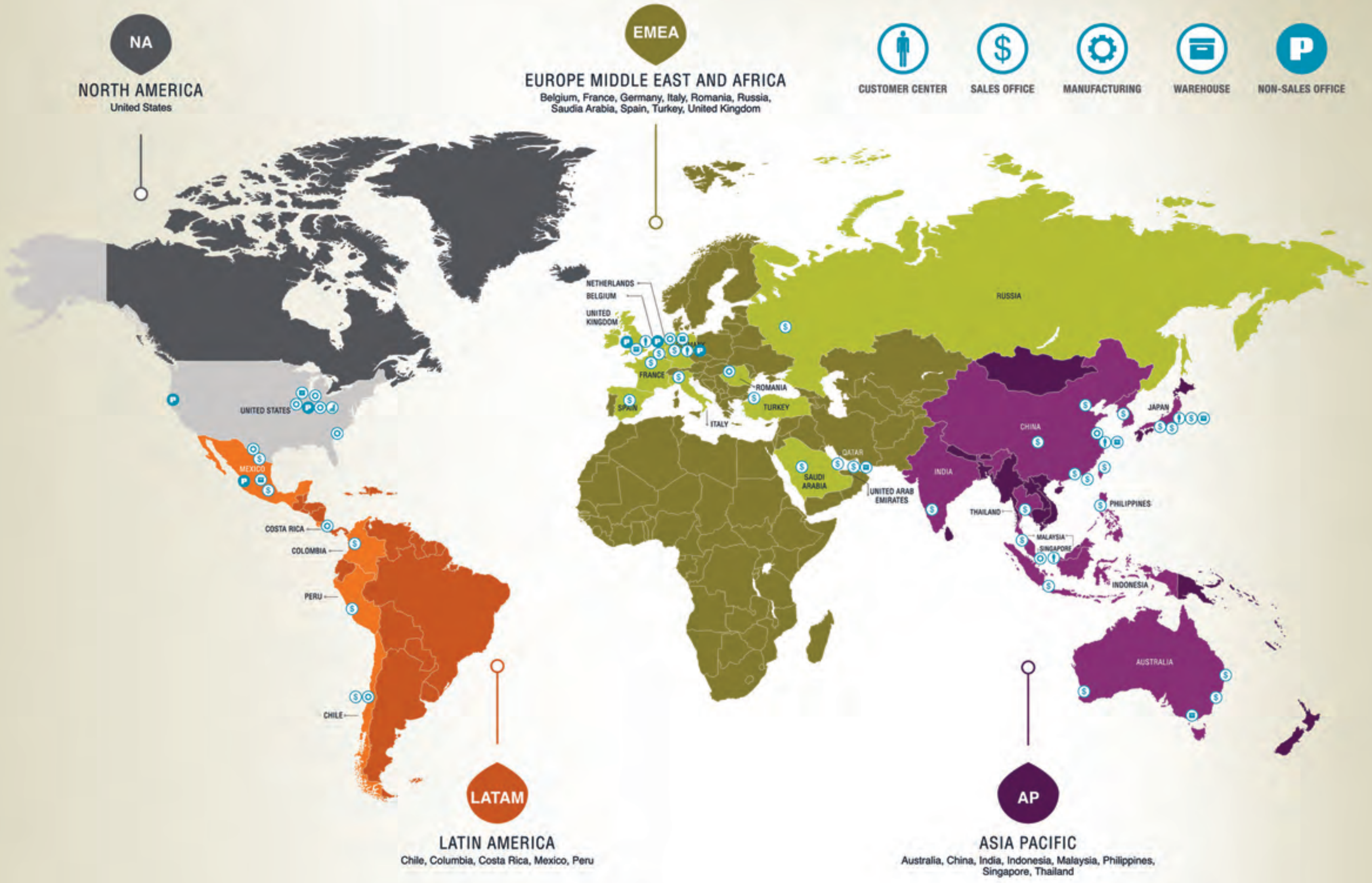
Part Number Index

Part Number	Page Number
B	
BT2HT	B.6
BT75SDT	B.6
C	
C-720	D.9, E.6
CA9	D.17, D.21
CA-800EZ	D.17, D.21
CAMT	B.2
CC-720	D.9, E.6
CCT-320	E.8
CCT-500	E.8
CD9-1A	D.20
CD9-1AD	D.20
CD9-1B	D.20
CD9-2A	D.20
CD9-2AD	D.20
CD9-2B	D.20
CD9-3B	D.20
CD9-4A	D.20
CD9-4B	D.20
CD9-5A	D.20
CD9-5B	D.20
CD9-6B	D.20
CD9-7A	D.20
CD9-8B	D.20
CD9-9C	D.20
CD9-10A	D.20
CD9-10B	D.20
CD9-11A	D.20
CD9-11B	D.20
CD9-12A	D.20
CD9-13B	D.20
CD9-14A	D.20
CD9-15A	D.20
CD9-16A	D.20
CD9-17B	D.20
CD9-18B	D.20
CD-525	D.10
CD-550	D.10
CD-570	D.10
CD-720-1	D.9, E.7
CD-720-2	D.9, E.7
CD-720-3	D.9, E.7
CD-720-4	D.9, E.7
CD-720-5	D.9, E.7
CD-720-6	D.9, E.7
CD-720-7	D.9, E.7
CD-720PV8-2	D.9, E.7
CD-920-1	E.19
CD-920-1/0	E.19
CD-920-2	E.19
CD-920-2/0	E.19
CD-920-3/0	E.19
CD-920-4	E.19
CD-920-4/0	E.19
CD-920-6	E.19
CD-920-8	E.19
CD-920-250	E.19
CD-920-300	E.19
CD-920-350	E.19
CD-920-400	E.19
CD-920-500	E.19
CD-920-500A	E.19
CD-920-600	E.19
CD-920-750	E.19
CD-920-BG	E.19
CD-920-C	E.19
CD-920-D3	E.19
CD-920H-2	E.19
CD-920H-6	E.19
CD-920H-250	E.19
CD-920-O	E.19
CD-930G-1/0	E.19
CD-930G-250	E.19
CD-930G-500	E.19
CD-940-750	E.20
CD-940-750A	E.20
CD-940-750X	E.20
CD-940-800	E.20
CD-940-800A	E.20
CD-940-1000	E.20
CD-940-1000A	E.20
CD-940-DA	E.20
CD-2001-1-SET	E.11
CD-2001-1/0-SET	E.11
CD-2001-2-SET	E.11
CD-2001-2/0-SET	E.11
CD-2001-3/0-SET	E.11
CD-2001-4-SET	E.11
CD-2001-4/0-SET	E.11
CD-2001-6-SET	E.11
CD-2001-8-SET	E.11
CD-2001-250-SET	E.11
CD-2001-300-SET	E.11
CD-2001-350-SET	E.11
CD-2001-400-SET	E.11
CD-2001-500-SET	E.11
CD-2001-BG-SET	E.11
CD-2001-C-SET	E.11
CD-2001-F87	D.12
CD-2001-F89	D.12
CD-2001-F90	D.12
CD-2001-F91	D.12
CD-2001-F92	D.12
CD-2001-F93	D.12
CD-2001-F94	D.12
CD-2600-P2	D.11
CD-2600-P4	D.11
CD-2600-P6	D.11
CD-2600-P8	D.11
CD-2600-PV2	D.11
CD-2600-PV4	D.11
CD-2600-PV6	D.11
CD-2600-PV8	D.11
CG-920	E.24
CG-940	E.24
CG-980	E.24
CP-881	D.16
CP-881/E	D.16
CST101	E.8
CST114-157	E.8
CST114-157B	E.8
CST115	D.5, E.8
CT-100A	D.5
CT-160	D.5
CT-200	D.5
CT-260	D.5
CT-300-1	D.7
CT-310	D.7
CT-400	D.8
CT-460	D.8
CT-500CH	D.8
CT-520CH	D.8
CT-550CH	D.8
CT-570CH	D.8
CT-600-A	D.8
CT-720	D.9, E.6
CT-720-3	E.7
CT-720-3CC	E.7
CT-720-7	E.7
CT-720-7CC	E.7
CT-900HPH	E.16
CT-900LPHPH	E.18
CT-902HP	E.16
CT-902HP-5K	E.18
CT-902RCH	E.16
CT-902RFS	E.16
CT-930	E.9
CT-930CH	E.14
CT-930LPCH	E.17
CT-940CH	E.15
CT-980	E.21
CT-980CH	E.23
CT-1000	D.8, D.16
CT-1002	D.7
CT-1003	D.7
CT-1004	D.7
CT-1005	D.7
CT-1006	D.7
CT-1015	D.6
CT-1104	D.7
CT-1123	D.7
CT-1525	D.6
CT-1550	D.6
CT-1551	D.6
CT-1570	D.6
CT-1700	D.6, E.6
CT-1701	D.6, E.6
CT-2500CH	D.10
CT-2500/LBC	D.10
CT-2500/LCHR	D.10
CT-2500/LE	D.10
CT-2500/LECHR	D.10

Part Number Index

Part Number	Page Number
CT-2525CH	D.10
CT-2550CH	D.10
CT-2570CH	D.10
CT-2600/L	D.11
CT-2600/LBC	D.11
CT-2600/LCHR	D.11
CT-2600/LINT	D.11
CT-2600/LINTBC	D.11
CT-2600/LINTCHR	D.11
CT-2930/L	E.12
CT-2930/LE	E.12
CT-2940/L	E.13
CT-2940/LE	E.13
CT-2980/L	E.22
CT-2980/LE	E.22
CT-3001	E.10
CT-3001/E	E.10
D	
DCT	C.2
DCT-BLD	C.2
DCT-RI	C.2
DFCT	C.2
DNT-100	C.2
DSF-NP	D.18
DSF-RS	D.18
F	
FPC-600-A	D.8
G	
GHH	A.6
GS2B	A.3
GS4EH	A.3
GS4H	A.3
GS4MT	B.2
GTH-E	A.3
GTS-E	A.3
H	
HTMT	B.4
K	
K2-BLD2	A.6
K4EH-BLD	A.6
K4H-BLD	A.6
K4M-BLD	B.2
K4MTG	B.2
K600-A	D.8
KGTH-EBLD	A.6
KGTSBLD	A.6
KGTS-ETL	A.6
KMTRTH	B.5
KMTRTLS	B.5
KPPTMTB	B.4
KPPTMTG	B.4
KPTHBLD	A.6
KPTSTL	A.6
KRT2BLD	B.6
KRT2HNDL	B.6
M	
MTRTH	B.5
MTRTLS	B.5
N	
NR1-C	C.2
NR1-M	C.2
P	
PAT1.5M4.0	A.8
PAT1.5M4.0-BT	A.8
PAT1M4.0	A.8
PAT1M4.0-BT	A.8
PAT2S	A.8
PAT3S	A.8
PATM4.0-RK	A.11
PATMBM	A.8, A.10
PATM-RKS	A.11
PATM-TT	A.11
PATSBM	A.10
PBDCT	C.2
PBDCT-BLD	C.2
PBTMT	B.5
PD3S	A.8, A.9
PD3SF	A.8, A.9
PD-600-A	D.8
PDH10-37	A.8, A.10
PDM4.0	A.8, A.9
PDS	A.8, A.9
PDS-DI	A.8, A.10
PDSF	A.8, A.9
PG-1	E.24
PG-1SC	E.24
PHCAT	A.5
PHM1	A.8, A.9
PHM2	A.8, A.9
PHM3	A.8, A.9
PHM4	A.8, A.9
PHS2	A.8, A.9
PHS3	A.8, A.9
PL283N1	A.8, A.10
PL289N1	A.5, B.4
PPH10	A.5, B.4
PPTMT	B.4
PTB-HO	E.10
PTH	A.5
PTS	A.5
R	
RT2HT	B.2, B.3
RT2HTN	B.3
S	
SCA-712022002	D.17
SCA-712022005WE	D.17, D.20
SCA-712022006WE	D.17, D.20
SCA-712022007WE	D.17, D.20
ST2MT	B.3
ST3EH	A.4
ST4MT	B.2, B.3
STH2	A.4
STHV	A.4
STS2	A.4
T	
TD13483C03	D.19
TD13486C03	D.19
TD13489C03	D.19
TD13492C04	D.19
TD13495C03	D.19
TD13499C03	D.19
TD13502C04	D.19
TD13505C03	D.19
TD13508C03	D.19
TD16233C03	D.19
TD16235C03	D.19
TD16243C02	D.19
TD19115C03	D.19
TD22944C02	D.19
TD22946C02	D.19
TD22948C02	D.19
TD23600C01	D.19
TD23773C01	D.19
TNR	C.2
TTLK3	A.6, B.3
U	
UC 200	D.18
W	
WD25737B01	C.2

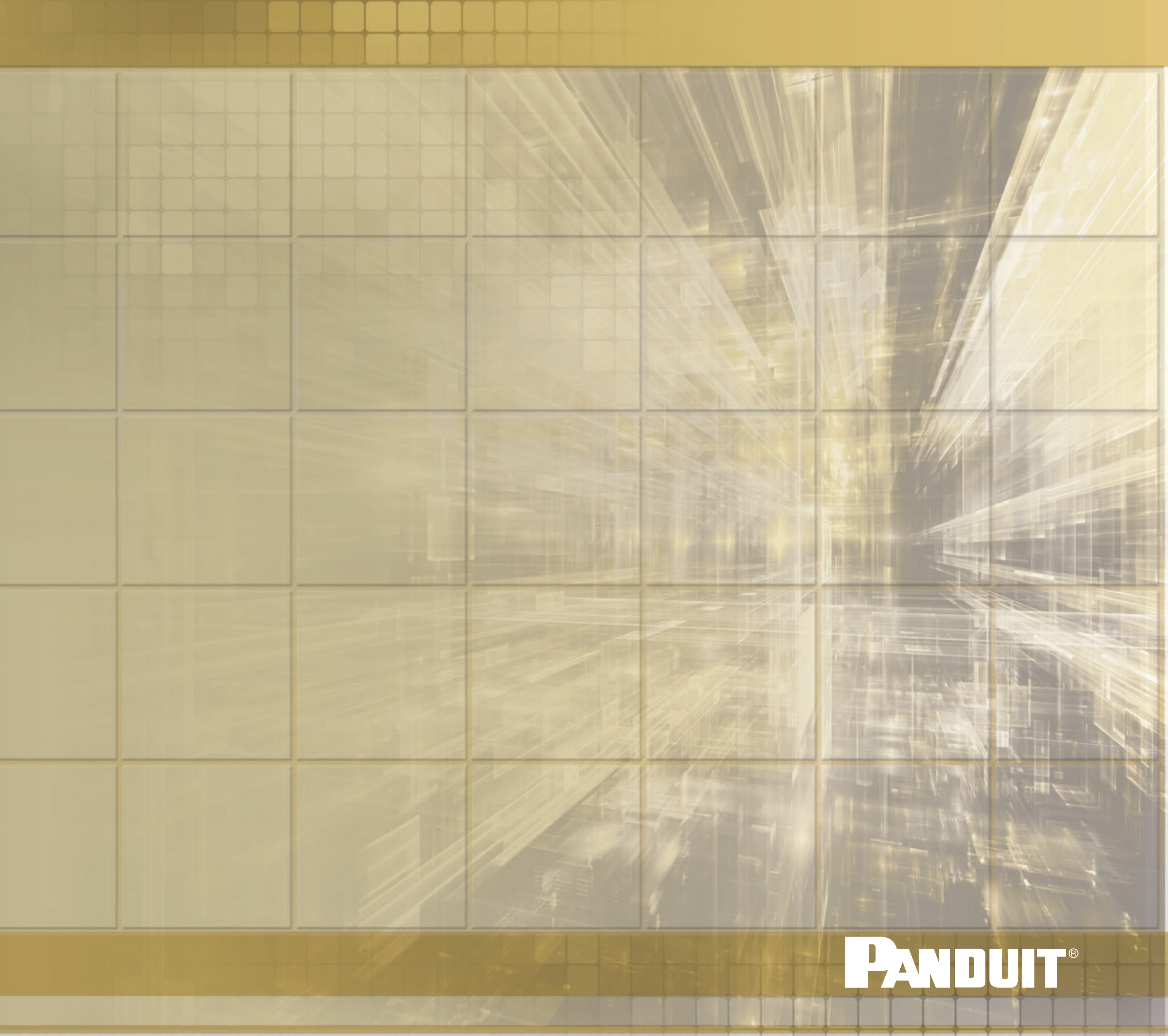
Order number of pieces required, in multiples of Standard Package Quantity.


NA
NORTH AMERICA
United States
EMEA
EUROPE MIDDLE EAST AND AFRICA
Belgium, France, Germany, Italy, Romania, Russia, Saudia Arabia, Spain, Turkey, United Kingdom
CUSTOMER CENTER
SALES OFFICE
MANUFACTURING
WAREHOUSE
NON-SALES OFFICE
UNITED STATES
MEXICO
COSTA RICA
COLOMBIA
PERU
CHILE
NETHERLANDS
BELGIUM
UNITED KINGDOM
FRANCE
SPAIN
ITALY
ROMANIA
TURKEY
RUSSIA
SAUDI ARABIA
QATAR
UNITED ARAB EMIRATES
INDIA
CHINA
JAPAN
THAILAND
PHILIPPINES
MALAYSIA
SINGAPORE
INDONESIA
AUSTRALIA
LATAM
LATIN AMERICA
Chile, Columbia, Costa Rica, Mexico, Peru
AP
ASIA PACIFIC
Australia, China, India, Indonesia, Malaysia, Philippines, Singapore, Thailand

THE INFORMATION CONTAINED IN THIS CATALOG IS INTENDED AS A GUIDE FOR USE BY PERSONS HAVING TECHNICAL SKILL AT THEIR OWN DISCRETION AND RISK. BEFORE USING ANY PANDUIT PRODUCT, THE BUYER MUST DETERMINE THE SUITABILITY OF THE PRODUCT FOR HIS/HER INTENDED USE AND BUYER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH. PANDUIT DISCLAIMS ANY LIABILITY ARISING FROM ANY INFORMATION CONTAINED HEREIN OR FOR ABSENCE OF THE SAME.

All Panduit products are subject to the terms, conditions and limitation of its then current Limited Product Warranty, which can be found at www.panduit.com/warranty.

All trademarks, service marks, trade names, product names, and logos appearing in this document are the property of their respective owners.



Panduit Corp.
World Headquarters
Tinley Park, IL 60487

800.777.3300

www.panduit.com

© 2016 Panduit Corp. ALL RIGHTS RESERVED. Printed in the U.S.A. ELCB19--SA-ENG 07/2016