

# PAN-TERM® Terminals, Ferrules, and Crimping Tools

PAN-TERM® Terminals, Ferrules, and Crimping Tools combine to deliver the highest quality terminations at the lowest installed cost. PANDUIT terminals are UL Listed and Recognized, CSA Certified, ABS (American Bureau of Shipping) Approved, Class 1E Nuclear Rated, and meet applicable Military Specifications to satisfy the most demanding applications. Additionally, PANDUIT crimping tools are designed to increase productivity and minimize repetitive stress injuries delivering consistent terminations for maximum reliability.



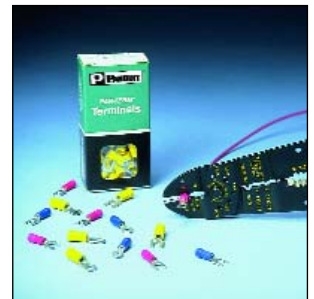
**NEW!**  
Battery Powered  
Crimping Tool  
CT-2500



**NEW!**  
Semiautomatic Ferrule  
Crimping Tool  
CT-1000



CONTOUR CRIMP™  
Controlled Cycle  
Crimping Tools



Plier Type  
Hand Operated  
Crimping Tools

## Technical Information – Terminals and Ferrules

	Non-Insulated Terminals/ Butt Splices	Vinyl Insulated Terminals/ Butt Splices	Nylon Insulated Terminals/ Butt Splices	DISCO-LOK™ Disconnects Nylon Insulated	SUPRA-GRIP™ Disconnects Nylon Insulated	Non-Insulated Disconnects	Vinyl Insulated Disconnects	Nylon Insulated Disconnects	Ferrules
<b>Material</b>	Copper/ Tin-Plated	Copper/ Tin-Plated	Copper/ Tin-Plated	Brass/ Tin-Plated	Brass/ Tin-Plated	Brass/ Tin-Plated	Brass/ Tin-Plated	Brass/ Tin-Plated	Polypropylene
<b>Voltage (V) Per UL Test Std.</b>	2000 V	600 V	600 V	300 V	600 V	600 V	600 V	300 V	N/A
<b>Temperature Rating</b>	150°C*	105°C*	105°C*	105°C*	105°C*	150°C*	105°C*	105°C* Barrel Insulated 125°C Fully Insulated	105°C
<b>Flammability</b>	—	UL 94V-0	UL 94V-2/HB	UL 94V-2/HB	UL 94V-2/HB	—	UL 94V-0	UL 94V-2/HB	UL V2
<b>NEW!</b> <b>ABS 05-HS112167W-PDA</b>	Compliant	Compliant	Compliant	—	—	Compliant	Compliant	—	—
<b>NEW!</b> <b>Military Specifications MS25036, MS20659</b>	Ring Terminals Compliant	—	Ring Terminals Compliant	—	—	—	—	—	—

Applicable sizes of terminals, disconnects and butt splices are UL Listed and CSA Certified.  
 All terminals, disconnects, butt splices and ferrules are RoHS compliant.  
 Kynar insulated terminals are radiation resistance IEEE Class 1, with a temperature rating of 150°C .  
 \*Nickel-plated non-insulated terminals are rated up to 343°C.



## Key Features

## Benefits

### PAN-TERM® Terminals and Ferrules

<b>Performance exceeds UL and CSA requirements</b>	Provides assurance that terminals are suitable for the most rigorous applications
<b>Manufactured with electrolytically refined copper and tin-plated</b>	Provides high conductivity and corrosion resistance to deliver reliable, superior performance
<b>Comprehensive selection of terminals and ferrules</b>	One supplier for all your terminal requirements, delivers lower procurement costs by consolidating with one supplier
<b>Flexible design</b>	Allows terminals to bend adapting easily to confined space applications, while retaining UL, CSA certification

### **NEW!** Battery Powered Crimping Tool CT-2500

<b>Lightweight 3.3 lbs. design</b>	Provides ease of use in continuous workflow operations for maximum productivity and minimized repetitive stress injuries
<b>Quick 2-second cycle time</b>	Results in less time to terminate compared to conventional crimping methods for increased productivity, improved efficiency, and lower installed costs
<b>Long battery life (rechargeable)</b>	150 crimps per battery charge for increased efficiency and reduced downtime
<b>Interchangeable crimp heads</b>	Use die profiles from industry leading PANDUIT® CONTOUR CRIMP™ Crimping Tools to deliver versatility for a range of applications
<b>Terminal crimp range #22 – #10 AWG</b>	Supports the most popular range of wire sizes for job site flexibility

### **NEW!** Semiautomatic Ferrule Crimping Tool CT-1000

<b>Rapid ferrule load design</b>	Continuously molded ferrules load conveniently into the handle of tool, significantly reducing installation time
<b>3-position adjustable die setting</b>	Allows quick termination of all continuously molded ferrule sizes with a single tool for increased productivity
<b>Lightweight .54 lbs. design</b>	Provides maximum comfort in continuous workflow operations for increased productivity and minimized repetitive stress injuries
<b>Multi-use controlled cycle tool</b>	Improved productivity with fewer tools required; cuts, strips, and crimps wire

### CONTOUR CRIMP™ Controlled Cycle Crimping Tools

<b>Ergonomic tool design</b>	Crimping is accomplished with significantly lower handle effort for increased efficiency, higher production volumes, and minimized repetitive stress injuries
<b>Controlled cycle mechanism</b>	Provides a consistent crimp regardless of operator expertise, strength, or fatigue level assuring high quality consistent terminations
<b>Multi-position locator</b>	Ensures proper location of terminal in crimp pocket every time reducing the chance of operator error

### Hand Operated Plier Type Crimping Tools

<b>All steel construction</b>	Durable and reliable in low volume applications providing a cost effective termination solution
<b>Plastic coated handles</b>	Separates operator from steel construction of tool for comfort and safety
<b>Multi-function</b>	Tool cuts, strips, and crimps wire resulting in fewer required tools

## NEW! Battery Powered Crimping Tool CT-2500



Part Number	Description	Std. Pkg. Qty.
CT-2500	Crimps <i>PANDUIT</i> #22 – #10 AWG insulated and non-insulated terminals, disconnects and splices. Includes tool, two batteries, a battery charger and carrying case. Crimp heads not included. Crimp head part numbers listed below. Meets U.S. voltage requirements.	1
CT-2500/E	Crimps <i>PANDUIT</i> #22 – #10 AWG insulated and non-insulated terminals, disconnects and splices. Includes tool, two batteries, a battery charger and carrying case. Crimp heads not included. Crimp head part numbers listed below. Meets European voltage requirements.	1
CT-2500CHR	U.S. compatible battery charger for use with the CT-2500.	1
CT-2500CHR/E	European compatible battery charger for use with the CT-2500.	1
CT-2500BC	Rechargeable tool battery for use with the CT-2500.	1
CT-2500CASE	Carrying case holds CT-2500 and accessories.	1
<b>Crimp Heads</b>		
CT-2550CH	Crimps <i>PANDUIT</i> #22 – #10 AWG insulated terminals, disconnects, and splices.	1
CT-2525CH	Crimps <i>PANDUIT</i> #22 – #10 AWG fully insulated disconnects and insulated parallel splices.	1
CT-2570CH	Crimps <i>PANDUIT</i> #22 – #10 AWG non-insulated terminals, disconnects, and splices.	1

## NEW! Semiautomatic Ferrule Crimping Tool CT-1000



Part Number	Description	Std. Pkg. Qty.
CT-1000	Crimps <i>PANDUIT</i> #20 – #14 AWG continuously molded ferrules on strips. Also cuts and strips wire.	1

## CONTOUR CRIMP™ Controlled Cycle Crimping Tools



Part Number	Description	Std. Pkg. Qty.
CT-1525	Crimps <i>PANDUIT</i> #26 – #22 AWG insulated terminals and splices, #22 – #10 AWG fully insulated disconnects and insulated parallel splices. Crimps <i>PANDUIT</i> #22 – #14 AWG barrel insulated disconnects.	1
CT-1550	Crimps most <i>PAN-TERM</i> ® #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 <i>PAN-TERM</i> ® #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 <i>PAN-TERM</i> ® #22 – #10 AWG and .5 – 6.0mm <sup>2</sup> non-insulated terminals and disconnects. Crimps <i>PANDUIT</i> #22 – #10 AWG and .5 – 6.0mm <sup>2</sup> non-insulated splices, and #10 AWG compression lugs.	1
CT-1700	Crimps <i>PANDUIT</i> #8 – #2 AWG non-insulated tubular terminals (S series) and copper flexible lugs (Does not include LCAF, LCCF and SCSF connectors), #8 – #1 AWG copper code conductor lugs and splices, #6 – #4 AWG dual rated aluminum lugs, splices and copper code conductor for CTAPF10-16 to CTAPF3-12 copper taps. Includes 5-position, color-coded rotating die.	1
CT-1701	Crimps <i>PANDUIT</i> #10 – #2 AWG non-insulated large gauge ring terminal (P series). Crimps #12 – #4 AWG copper lugs and splices. Includes 5-position rotating die.	1
CT-1014	Crimps <i>PANDUIT</i> #22 – #14 AWG loose piece <i>DISCO-LOK</i> ™ disconnects.	1
CT-1015	Crimps <i>PANDUIT</i> #22 – #14 AWG loose piece <i>SUPRA-GRIP</i> ™ disconnects.	1

## Controlled Cycle Crimping Tools



CT-300-1



CT-1123

Part Number	Description	Std. Pkg. Qty.
<b>Controlled Cycle Crimping Tools</b>		
CT-300-1	Crimps <i>PANDUIT</i> #22 – #14 AWG fully insulated right angle disconnects. (DNFR-FIB series).	1
CT-310	Crimps <i>PANDUIT</i> #22 – #10 AWG heat shrink insulated terminals, disconnects, and splices.	1
<b>Controlled Cycle Crimping Tools – Ferrule End Sleeves</b>		
CT-1002	Crimps <i>PANDUIT</i> #26 – #10 AWG single-insulated ferrules (DIN). #26 – #10 AWG single wire insulated ferrules (French). #22 – #12 AWG insulated dual-wire (DIN) ferrules. #24 – #10 AWG non-insulated ferrules.	1
CT-1003	Crimps <i>PANDUIT</i> #22 – #8 AWG single wire-insulated ferrules (DIN). #22 – #8 AWG single wire insulated ferrules (French). #22 – #10 AWG insulated dual-wire (DIN) ferrules. #22 – #10 AWG non-insulated ferrules.	1
CT-1004	Crimps <i>PANDUIT</i> #8 – #6 AWG single wire-insulated ferrule (DIN). #8 – #6 AWG single wire insulated ferrules (French). #10 AWG insulated dual-wire (DIN) ferrule. #8 – #6 AWG non-insulated ferrules.	1
CT-1005	Crimps <i>PANDUIT</i> #4 – #2 AWG single wire-insulated ferrule (DIN). #4 – #2 AWG single wire insulated ferrules (French). #4 – #2 AWG non-insulated ferrules.	1
CT-1006	Crimps <i>PANDUIT</i> #1 AWG single wire insulated ferrule (DIN) and (French) #1 AWG non-insulated ferrules.	1
CT-1104	Controlled cycle square crimp profile tool for #8 – #6 AWG (10 – 16mm <sup>2</sup> ) insulated and non-insulated ferrules.	1
CT-1123	Controlled cycle square crimp profile tool for #26 – #8 AWG (.14 – 10mm <sup>2</sup> ) insulated and non-insulated ferrules.	1

## Hand Operated Plier Type Crimping Tools



Part Number	Description	Std. Pkg. Qty.
CT-100	Crimps most <i>PANDUIT</i> #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
CT-160	Crimps most <i>PANDUIT</i> #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-260	Forged steel tool. Crimps <i>PANDUIT</i> #22 – #10 AWG insulated and non-insulated terminals. Cuts wire.	1
CT-200	Forged steel tool. Crimps most <i>PANDUIT</i> #22 – #10 AWG non-insulated terminals, disconnects, and splices. Cuts wire.	1

For the full line of terminals and ferrules, refer to [www.panduit.com](http://www.panduit.com) or request Electrical Solution Catalog SA-ELCB03.

To ensure a high quality crimp you need the right terminal, the right tool and the right technique.  
For information on how to qualify for crimp training contact your local *PANDUIT* Sales Representative.

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