

A. System Overview

Semiautomatic Ferrule Crimping Tool CT-1000

B1. Cable Ties

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

B2. Cable Accessories



B3. Stainless Steel Ties

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

C1. Wiring Duct

C2. Surface Raceway

Controlled Cycle Crimping Tools – In-Line

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

C3. Abrasion Protection



C4. Cable Management

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

D1. Terminals

For proper crimp head selection, see the tooling selection guide for Panduit terminals, splices, and disconnects on pages D1.90 – D1.92, in this catalog.

D2. Power Connectors

Pneumatic Crimping Tool

D3. Grounding Connectors

- Quickly crimps a variety of loose piece terminals in a variety of wire sizes for medium volume production
- 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
- 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

E1. Labeling Systems



E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Part Description	Std. Pkg. Qty.
CT-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 .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

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C3. Abrasion Protection



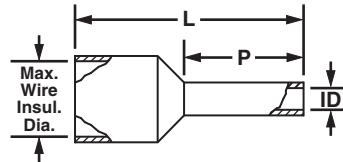
Insulated Ferrules on Reels – Single Wire

Type FS

C4. Cable Management

- Polypropylene insulation housing available in DIN standard colors in reels of 3000 and 5000
- Designed specifically for use with the Ferrule Applicator (CA10) for high volume applications
- Continuously molded design provides consistent placement of ferrules in applicator to ensure fast, reliable terminations
- Available in #20 – 14 AWG featuring a seamless barrel design to contain loose wire strands for superior terminations

D1. Terminals



D2. Power Connectors

D3. Grounding Connectors

Part Number	Wire Size		Color	Max. Wire Insul. Dia.		Figure Dimensions						Wire Strip Length		CA10 Series Dies	Pieces Per Reel
	AWG	mm ²		In.	mm	L		P		ID		In.	mm		

E1. Labeling Systems

DIN End Sleeves

FSD75-8-5K10	20 AWG	0.50	White	0.10	2.6	0.57	14.5	0.31	8.0	0.04	1.0	13/32	10.0	CD10-1	5000
FSD76-8-5K8	18 AWG	0.75	Gray	0.11	2.7	0.57	14.5	0.31	8.0	0.05	1.2	13/32	10.0		5000
FSD77-8-5K2	18 AWG	1.00	Red	0.12	3.0	0.57	14.5	0.31	8.0	0.06	1.5	13/32	10.0	CD10-2	5000
FSD78-8-5K0	16 AWG	1.50	Black	0.13	3.2	0.57	14.5	0.31	8.0	0.07	1.8	13/32	10.0		5000
FSD80-8-3K6	14 AWG	2.50	Blue	0.16	4.0	0.57	14.5	0.31	8.0	0.09	2.3	13/32	10.0	CD10-3	3000

E2. Labels

Additional Colored End Sleeves

FS75-8-5K3	20 AWG	0.50	Orange	0.10	2.6	0.57	14.5	0.31	8.0	0.04	1.0	13/32	10.0	CD10-1	5000
FS76-8-5K10	18 AWG	0.75	White	0.11	2.7	0.57	14.5	0.31	8.0	0.05	1.2	13/32	10.0		5000
FS76-8-5K7	18 AWG	0.75	Light Blue	0.11	2.7	0.57	14.5	0.31	8.0	0.05	1.2	13/32	10.0		5000
FS77-8-5K4	18 AWG	1.00	Yellow	0.12	3.0	0.57	14.5	0.31	8.0	0.06	1.5	13/32	10.0	CD10-2	5000
FS78-8-5K2	16 AWG	1.50	Red	0.13	3.2	0.57	14.5	0.31	8.0	0.07	1.8	13/32	10.0		5000
FS80-8-3K8	14 AWG	2.50	Gray	0.16	4.0	0.57	14.5	0.31	8.0	0.09	2.3	13/32	10.0	CD10-3	3000

E5. Lockout/Tagout & Safety Solutions

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