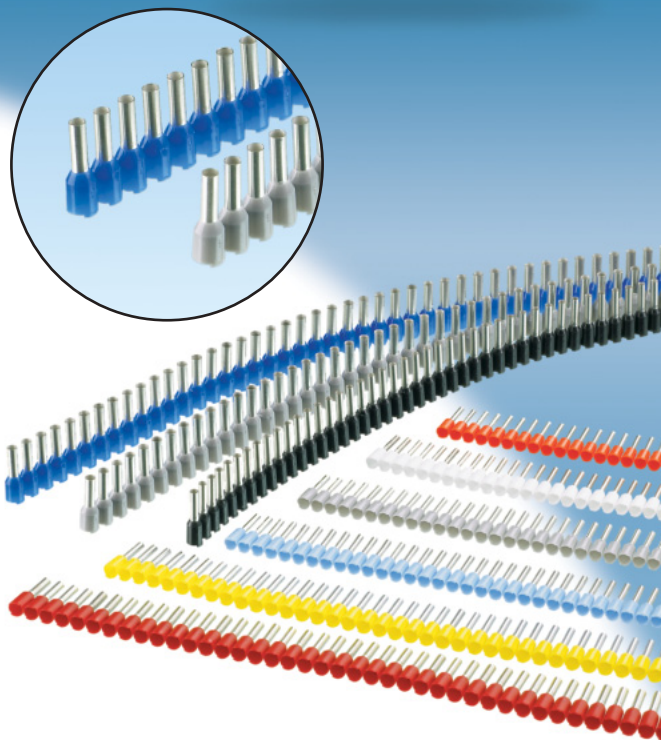


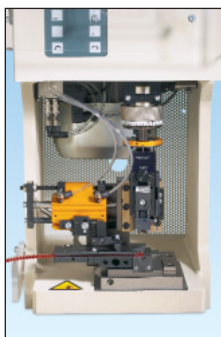
NEW! REEL SMART™ Continuously Molded Ferrules and Crimping Tools

PANDUIT continuously molded ferrules and crimping tools deliver speed and reliability for higher volume terminations. The continuously molded design provides quick consistent placement of ferrules in tools to ensure reliable terminations. Ferrules are available in #20 – #14 AWG featuring a seamless barrel design to contain loose wire strands for superior performance. Lightweight hand tool and precision applicator deliver efficiency, application flexibility, and reduced installation time.

This termination system includes continuously molded reel and strip ferrules and tooling options, which combine to support wire harness, control panel, and automatic wire processing applications for lowest installed cost.



Semiautomatic Crimping Tool (CT-1000)



Ferrule Applicator (CA10) in
Electric Bench Press (CP-871)

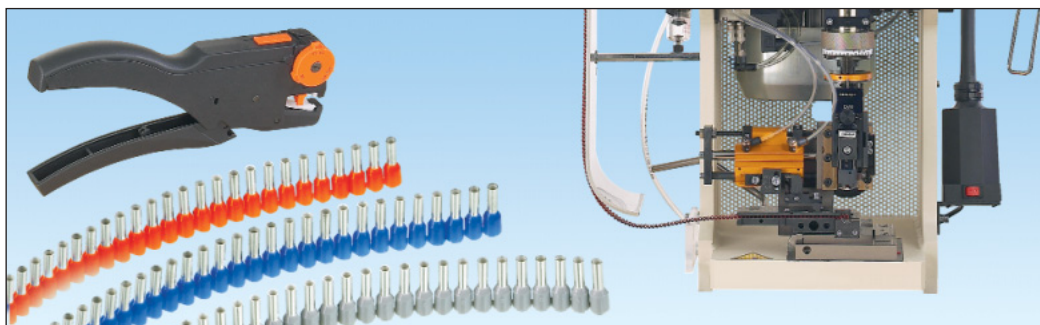


Ferrule Applicator (CA10) in
Automatic Wire Processing Machine

Technical Information – Ferrules

Housing material:	Polypropylene
Flammability:	UL V2
Ferrule material:	Tin-plated copper
Temperature rating:	221°F (105°C)
RoHS:	Compliant

REEL SMART™ Ferrules and Crimping Tools



Key Features

Benefits

REEL SMART™ Continuously Molded Ferrules in Strips and Reels

<i>Continuously molded integrated carrier</i>	Ensures consistent placement of ferrules in tooling for fast reliable operation
<i>Seamless barrel design</i>	Contains stranded wires to eliminate loose strands for superior terminations
<i>Molded polypropylene housing</i>	Meets DIN designation 46228 which provides visual indication that ferrules are installed to allow a quick and trouble free quality inspection; UL HB rated
<i>Available #20 – #14 AWG</i>	Select from the most popular wire sizes to meet a variety of wiring applications
<i>Available in a range of color options</i>	Allows identification of specific circuits to simplify troubleshooting and maintenance
<i>Continuously molded ferrules in strips of 50</i>	For use with the semiautomatic ferrule crimping tool CT-1000 for improved reliability and productivity
<i>Continuously molded ferrules in reels of 3,000 – 5,000</i>	Designed for use with the CA10 to deliver reduced production changeover and down time due to fewer reel changes for improved productivity

Semiautomatic Ferrule Crimping Tool

<i>Rapid ferrule load design</i>	Continuously molded ferrules load conveniently into the handle of tool, significantly reducing installation time
<i>Lightweight, multi-use controlled cycle tool</i>	.54 lbs. tool cuts, strips, and crimps wire to maximize efficiency
<i>Adjustable die setting</i>	Allows quick termination of all <i>PANDUIT</i> #20 – #14 AWG continuously molded ferrules with a single tool

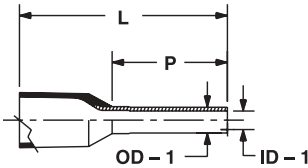
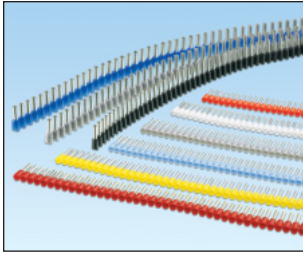
Ferrule Applicator

<i>Precision ferrule indexing</i>	Designed for precise placement of ferrules through applicator for optimum reliability and productivity
<i>Universal ferrule applicator</i>	One ferrule applicator system terminates all <i>PANDUIT</i> #20 – #14 AWG continuously molded ferrules for a reduced cost of ownership
<i>Universal base plate</i>	Allows compatibility with <i>PANDUIT</i> CP-871 Electric Press, as well as commercially available bench press and automatic wire processing (AWP) machines for maximum flexibility
<i>Quick change die sets</i>	Provide fast product changeover and reduction in setup time

Electric Bench Press

<i>Microprocessor control</i>	Displays system performance, provides production data and reporting including error detection and cycle count
<i>Applicator docking system</i>	Applicator can be changed without the use of tools to facilitate faster changeover for lower cost of ownership
<i>Quick cycle time</i>	Cycle times of less than one second are up to six times faster than conventional manual termination methods

REEL SMART™ Continuously Molded Ferrules



- Available in #20 – #14 AWG featuring a seamless barrel design to contain loose wire strands for superior terminations
- Reel and strip ferrules can be used in hand tool or bench press applicator for application flexibility
- Continuously molded design provides consistent placement of ferrules in tools to ensure fast, reliable terminations

Part Number	Wire Size		Color	Figure Dimension (In.)								Wire Strip Length		Recommended Installation Tool	Std.* Pkg. Qty.
	AWG	mm ²		L		P		ID		OD					
				In.	mm	In.	mm	In.	mm	In.	mm	In.	mm		

Ferrules in Strips of 50 for Medium Volume Applications

FSD75-8-DSL10	20	.50	White	.60	15.2	.31	8.0	.04	1.0	.05	1.4	13/32	10	CT-1000	500
FS75-8-DSL3	20	.50	Orange					.04	1.0	.05	1.4				500
FSD76-8-DSL8	18	.75	Gray					.05	1.2	.06	1.6				500
FS76-8-DSL10	18	.75	White					.05	1.2	.06	1.6				500
FS76-8-DSL7	18	.75	Light Blue					.05	1.2	.06	1.6				500
FSD77-8-DSL2	18	1.00	Red					.06	1.5	.07	1.8				500
FS77-8-DSL4	18	1.00	Yellow					.06	1.5	.07	1.8				500
FSD78-8-DSL0	16	1.50	Black					.07	1.8	.08	2.1				500
FS78-8-DSL2	16	1.50	Red					.07	1.8	.08	2.1				500
FSD80-8-DSL6	14	2.50	Blue					.09	2.3	.10	2.6				500
FS80-8-DSL8	14	2.50	Gray					.09	2.3	.10	2.6				500

Ferrules in Reels of 3,000 – 5,000 for High Volume Applications

FSD75-8-5K10	20	.50	White	.57	14.5	.31	8.0	.04	1.0	.05	1.4	13/32	10	CA10	5000
FS75-8-5K3	20	.50	Orange					.04	1.0	.05	1.4				5000
FSD76-8-5K8	18	.75	Gray					.05	1.2	.06	1.6				5000
FS76-8-5K10	18	.75	White					.05	1.2	.06	1.6				5000
FS76-8-5K7	18	.75	Light Blue					.05	1.2	.06	1.6				5000
FSD77-8-5K2	18	1.00	Red					.06	1.5	.07	1.8				5000
FS77-8-5K4	18	1.00	Yellow					.06	1.5	.07	1.8				5000
FSD78-8-5K0	16	1.50	Black					.07	1.8	.08	2.1				5000
FS78-8-5K2	16	1.50	Red					.07	1.8	.08	2.1				5000
FSD80-8-3K6	14	2.50	Blue					.09	2.3	.10	2.6				3000
FS80-8-3K8	14	2.50	Gray					.09	2.3	.10	2.6				3000

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

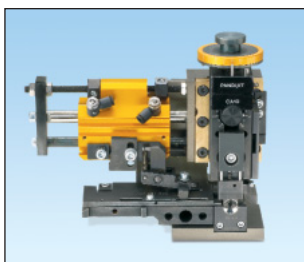
Semiautomatic Ferrule Crimping Tool CT-1000



- Designed for use with continuously molded ferrules in strips of 50 with an innovative rapid load design to significantly reduce installation time
- Multi-use .54 lbs. controlled cycle tool cuts, strips, and crimps wire
- Adjustable die setting allows termination of all continuously molded ferrules with a single tool

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

Ferrule Applicator CA10



- Designed for use with continuously molded ferrules in reels of 3,000 – 5,000 for high volume applications
- Precision ferrule indexing through applicator for optimum reliability and productivity
- Universal base plate allows compatibility with the *PANDUIT* 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	Description	Wire Range		Std. Pkg. Qty.
		AWG	mm ²	
CA10	Applicator used to terminate entire line of <i>REEL SMART</i> ™ Continuously Molded Ferrules on reels. For use with CP-871 electric bench press and CD10 series of die sets.	—	—	1

CD10 Crimp Die Inserts

CD10-1	Die insert to be used with the CA10 applicator to terminate <i>REEL SMART</i> ™ Continuously Molded Ferrules.	20 – 18	.50 – .75	1
CD10-2	Die insert to be used with the CA10 applicator to terminate <i>REEL SMART</i> ™ Continuously Molded Ferrules.	18 – 16	1.0 – 1.5	1
CD10-3	Die insert to be used with the CA10 applicator to terminate <i>REEL SMART</i> ™ Continuously Molded Ferrules.	14	2.5	1

Electric Bench Press CP-871



- For use with *PANDUIT* Universal Applicators and *REEL SMART*™ Continuously Molded Terminal and Ferrule products to provide a superior solution for quality, high volume terminations
- 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	Description	Std. Pkg. Qty.
CP-871	Electric press: 4000+ terminations per hour with crimp force of 3.7 tons 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

For the full line of *REEL SMART*™ Termination Products refer to www.panduit.com or the Electrical Solution Catalog SA-ELCB03.

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or by phone: 800-777-3300 and reference RSCB01

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