

## CT-310 CRIMPING TOOL

### OPERATION INSTRUCTIONS

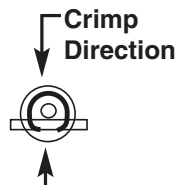
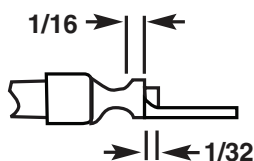


#### WARNING:

**Electric Shock Hazard:**  
Do NOT use this tool  
on live wire.

Verify power is "OFF" before  
working on wiring with this tool.

The plastic grips are for the user's comfort,  
and are not intended to insulate against  
electrical shock while working on  
live electrical circuits.



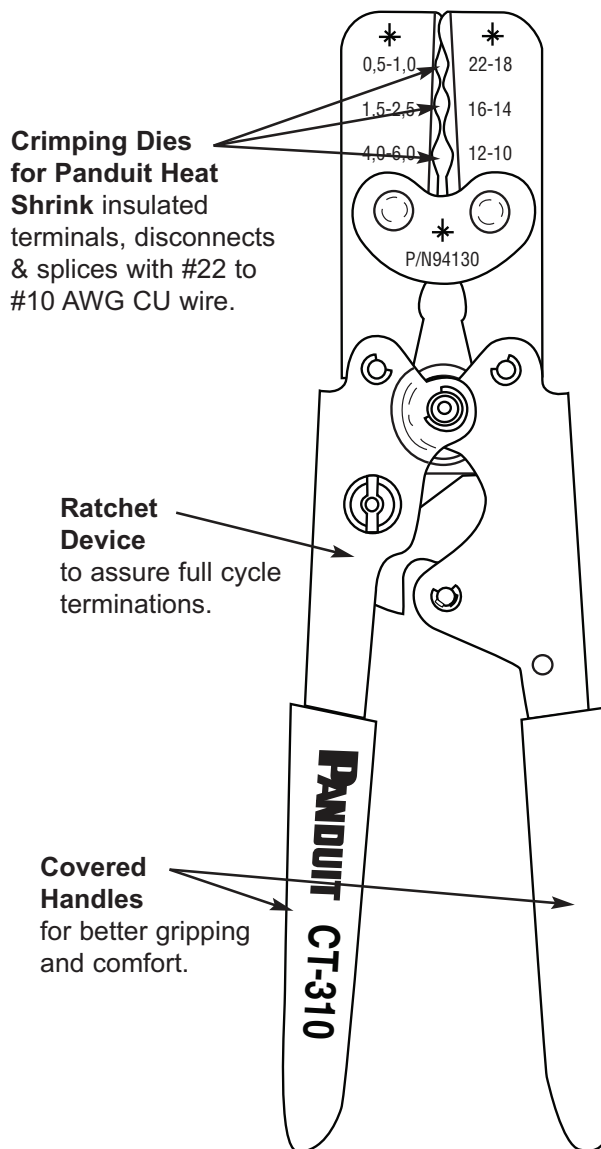
#### Insulated Terminal Instructions

1. Locate terminal in proper size die with edge of die 1/16" from front end of insulation. Insure crimp is perpendicular to the plane formed by the ring end terminal.
2. Insert stripped wire into terminal until a minimum of 1/32" of conductor extends beyond barrel.
3. Squeeze the handles firmly until ratchet releases.
4. Heat insulation with a heat gun or open flame until fully shrunk.

## CT-310

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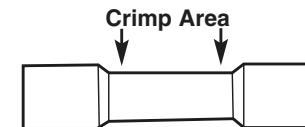
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**Crimping Dies for Panduit Heat Shrink**  
insulated terminals, disconnects & splices with #22 to #10 AWG CU wire.

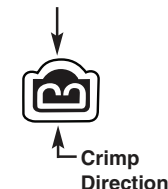
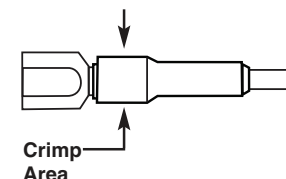
**Ratchet Device**  
to assure full cycle terminations.

**Covered Handles**  
for better gripping and comfort.



#### Butt Splice Instructions

1. Locate splice in proper crimp pocket. Center the crimp pocket over one-half of the barrel.
2. Insert stripped wire into crimp barrel.
3. Squeeze the handles firmly until ratchet releases.
4. Repeat for the other side of splice.
5. Heat insulation with a heat gun or open flame until fully shrunk.



#### Disconnect Instructions

1. Locate the disconnect in the proper crimp pocket. Center the crimp die over the crimp barrel. Ensure crimp is in direction shown.
2. Insert stripped wire into crimp barrel.
3. Squeeze the handles firmly until ratchet releases.
4. Heat insulation with a heat gun or open flame until fully shrunk.

See Page 2 for  
Crimp Die Go/No Go  
Crimp Chart

## TROUBLESHOOTING

## DIE CLOSURE INSPECTION

Die closure is measured by using GO/NO GO gage members (dimensions listed in Table 1 below).

Table 1

DIE CLOSURE GO / NO GO GAGE MEMBERS - TOOL NO. CT-310				
CRIMP POCKET AWG / mm <sup>2</sup>	ENGLISH GO / NO GO GAGE MEMBERS		METRIC GO / NO GO GAGE MEMBERS	
	"G" Dia. (GO)	"NG" Dia. (NO GO)	"G" Dia. (GO)	"NG" Dia. (NO GO)
22-18 / 0,5-1,0	.078"	.090"	1,98 mm	2,29 mm
16-14 / 1,5-2,5	.098"	.110"	2,48 mm	2,79 mm
12-10 / 4,0-6,0	.139"	.151"	3,53 mm	3,84 mm