

A. System Overview



## Code/Flex Conductor HTAP

B1. Cable Ties

### For Making Parallel and Multiple Tap Connections on Code and Flex Conductors

#### Type HTCT

B2. Cable Accessories

- Used to tap into continuous conductors as a splice or pigtailling
- Each HTAP terminates a wide range of conductor sizes and combinations of code and flex conductors Class G, H, I and Diesel Locomotive to suit a variety of applications
- Slotted design allows quick and easy assembly of conductor to HTAP using three Panduit 94V-0 cable ties included
- Tap grooves are separated from one another allowing them to function independently so HTAP can be used with a single or multiple taps providing maximum design and installation flexibility
- Color-coded and marked with Panduit die index numbers for proper crimp die selection
- UL Listed and CSA Certified for applications up to 600 V when crimped with Panduit and specified competitor crimping tools and Panduit crimping dies<sup>‡</sup>
- Tin-plated to inhibit corrosion

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

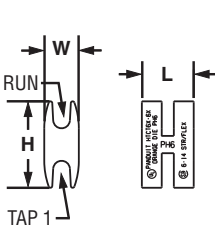


C4. Cable Management

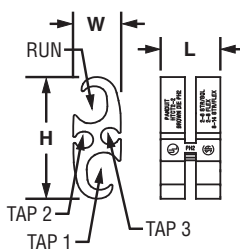
D1. Terminals

D2. Power Connectors

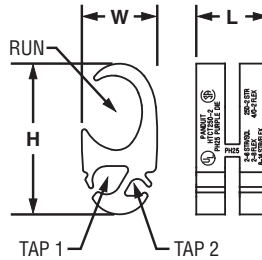
D3. Grounding Connectors



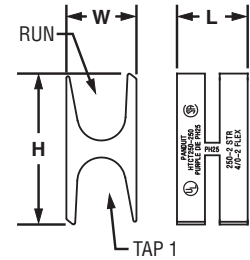
HTCT6X-6X



HTCT2-2



HTCT250-2



HTCT250-250

Part Number	Copper Conductor Size Range					Figure Dimensions In. (mm)			Panduit Die Color and Die No.‡	Wire Strip Length In. (mm)	Std. Pkg. Qty.																																												
	Wire Strand Type	Run	Tap 1	Tap 2	Tap 3	L	W	H																																															
HTCT6X-6X-1	Code	#6 – #14 AWG (10 – 2.5)	#6 – #14 AWG (10 – 2.5)	—	—	0.60 (15.2)	0.40 (10.2)	1.00 (25.4)	Orange PH6	11/16 (18)	1																																												
	Flex	#6 – #14 AWG (10 – 2.5)	#6 – #14 AWG (10 – 2.5)	—	—							HTCT2-2-1	Code	#2 – #6 AWG STR/SOL (25 – 16)	#2 – #6 AWG STR/SOL (25 – 16)	#8 – #14 AWG (6 – 2.5)	#8 – #14 AWG (6 – 2.5)	0.76 (19.3)	0.61 (15.5)	1.55 (39.4)	Brown PH2	13/16 (21)	1	Flex	#2 – #8 AWG (25 – 10)	#2 – #8 AWG (25 – 10)	#8 – #14 AWG (6 – 2.5)	#8 – #14 AWG (6 – 2.5)	HTCT250-2-1	Code	250 kcmil – #2 AWG (120 – 35)	#2 – #6 AWG STR/SOL (25 – 16)	#8 – #14 AWG (6 – 2.5)	—	0.92 (23.4)	0.96 (24.4)	1.92 (48.8)	Purple PH25	1 (25)	1	Flex	4/0 – #2 AWG (95 – 35)	#2 – #8 AWG (25 – 10)	#8 – #14 AWG (6 – 2.5)	—	HTCT250-250-1	Code	250 kcmil – #2 AWG (120 – 35)	250 kcmil – #2 AWG (120 – 35)	—	—	0.90 (22.9)	0.89 (22.6)	1.92 (48.8)	Purple PH25
HTCT2-2-1	Code	#2 – #6 AWG STR/SOL (25 – 16)	#2 – #6 AWG STR/SOL (25 – 16)	#8 – #14 AWG (6 – 2.5)	#8 – #14 AWG (6 – 2.5)	0.76 (19.3)	0.61 (15.5)	1.55 (39.4)	Brown PH2	13/16 (21)	1																																												
	Flex	#2 – #8 AWG (25 – 10)	#2 – #8 AWG (25 – 10)	#8 – #14 AWG (6 – 2.5)	#8 – #14 AWG (6 – 2.5)							HTCT250-2-1	Code	250 kcmil – #2 AWG (120 – 35)	#2 – #6 AWG STR/SOL (25 – 16)	#8 – #14 AWG (6 – 2.5)	—	0.92 (23.4)	0.96 (24.4)	1.92 (48.8)	Purple PH25	1 (25)	1	Flex	4/0 – #2 AWG (95 – 35)	#2 – #8 AWG (25 – 10)	#8 – #14 AWG (6 – 2.5)	—	HTCT250-250-1	Code	250 kcmil – #2 AWG (120 – 35)	250 kcmil – #2 AWG (120 – 35)	—	—	0.90 (22.9)	0.89 (22.6)	1.92 (48.8)	Purple PH25	1 (25)	1	Flex	4/0 – #2 AWG (95 – 35)	4/0 – #2 AWG (95 – 35)	—	—										
HTCT250-2-1	Code	250 kcmil – #2 AWG (120 – 35)	#2 – #6 AWG STR/SOL (25 – 16)	#8 – #14 AWG (6 – 2.5)	—	0.92 (23.4)	0.96 (24.4)	1.92 (48.8)	Purple PH25	1 (25)	1																																												
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‡See page D3.94 for tool and die information.

^Note: HTCT parts are UL Listed and CSA Certified with AWG wire only.

E5. Lockout/Tagout & Safety Solutions

F. Index

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B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

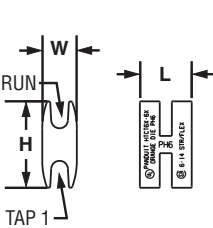
E2. Labels

E3. Pre-Printed & Write-On Markers

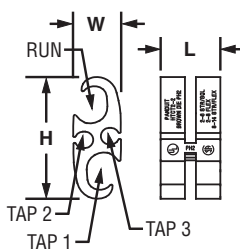
E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

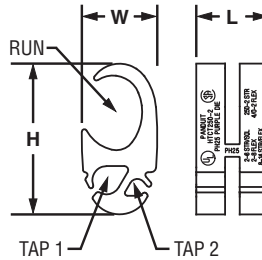
F. Index



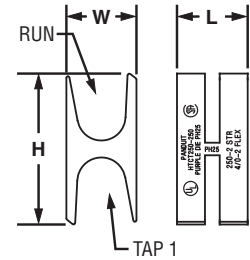
HTCT6X-6X



HTCT2-2



HTCT250-2



HTCT250-250

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HTCT2-2-1	Code	#2 – #6 AWG STR/SOL (25 – 16)	#2 – #6 AWG STR/SOL (25 – 16)	#8 – #14 AWG (6 – 2.5)	#8 – #14 AWG (6 – 2.5)	0.76 (19.3)	0.61 (15.5)	1.55 (39.4)	Brown PH2	13/16 (21)	1
	Flex	#2 – #8 AWG (25 – 10)	#2 – #8 AWG (25 – 10)	#8 – #14 AWG (6 – 2.5)	#8 – #14 AWG (6 – 2.5)						
HTCT250-2-1	Code	250 kcmil – #2 AWG (120 – 35)	#2 – #6 AWG STR/SOL (25 – 16)	#8 – #14 AWG (6 – 2.5)	—	0.92 (23.4)	0.96 (24.4)	1.92 (48.8)	Purple PH25	1 (25)	1
	Flex	4/0 – #2 AWG (95 – 35)	#2 – #8 AWG (25 – 10)	#8 – #14 AWG (6 – 2.5)	—						
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