Tooling Selection Guide for PANDUIT Terminals, Splices, and Disconnects

				F	Plier	Tool	s			с	ontr	ollec	l Cyc	le H	land	Tool	s			for	Pne	Heac umate -A To	ic	Mechanical	
<i>PANDUIT</i> Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.) [+1/32;-0]	CT-100A	CT-160	CT-200	CT-260	CT-300-1	CT-310	CT-400	CT-460	CT-1014	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500	CT-500CH	CT-520CH	CT-550CH	CT-570CH	CT-720	B2 Cal Access
BS	Non-insulated	26 - 22	1/4	Х	Х																				B: Stair
	butt splices	22 – 18	9/32	Х	Х	Х	Х										Х		Х				Х		Steel
		16 – 14	9/32	Х	Х	Х	Х										Х		Х				Х		
		12 – 10	9/32	Х	Х	Х	Х										Х	Х	Х				Х		
BSH	Heat shrink splices	22 – 18	5/16						Х																C
		16 – 14	5/16						Х																Wir
		12 – 10	5/16						Х																Du
BSN	Nylon insulated	26 – 22	1/4	Х																	Х				
	butt splices	22 – 18	9/32	Х			Х			Х					Х	Х			Х	Х					C
		16 - 14	9/32	X	Х		X			X	Х				X	X			X	X					Surf
		12 - 10	9/32	X	X		X			~	X				X	X			X	~		Х			Race
BSV	Minud in substant			X	X		X			Х	^				X	X			x	Х		X			
JJV	Vinyl insulated butt splices	22 - 18	5/16	X	X		X			X	v					x			X	X		X			
	butt spilles	16 - 14	5/16							Χ	X				X					X					C:
		12 - 10	5/16	Х	X		X				Х				Х	Х			X			Х	V		Abra Prote
), DR	Non-insulated	22 – 18	9/32	Х	X	Х	X										Х		Х				Х		FIOLE
211	sleeved barrel disconnects	16 – 14	9/32	Х	Х	Х	X										Х		Х				Х		
	(includes right angle disconnect)	12 – 10	9/32	Х	Х	Х	Х										Х	Х	Х				Х		Ca Cal
D-M	Non-insulated male	22 – 18	9/32	Х	Х	Х	Х										Х		Х				Х		Manag
	blade adapters	16 – 14	9/32	Х	х	Х	Х										Х		Х				Х		
D-M	Non-insulated male disconnect	12 – 10	9/32	Х		Х	х										х	Х	Х				Х		D
DR-B angle female and non-insu male butted	Non-insulated right angle female disc.	22 – 18	9/32	Х	Х	Х	Х																		Term
		16 – 14	9/32	Х	х	Х	х																		D
DNF	seam disc. Nylon, funnel entry, barrel insulated	22 – 18	9/32		х		х			х					х	Х				Х					Pov Conne
	disconnect (not .110/.111)	16 – 14	9/32		Х		х			х	х				Х	Х			Х	Х		Х			D
DNF-110, DNF-111	Nylon, funnel entry barrel insulated	22 – 18	7/32	Х										Х					Х	Х	Х				Grour
	disconnect, .110/.111 tab size	16 – 14	9/32		Х										Х	Х			Х						E
	NL L C H	00 17	0/00	V	v		v							V	v	V			~	V					Labe
DNF-FI	Nylon, fully insulated	22 - 18	9/32	X	X		X							Х	X	Х			X	Х		X			Syst
	disconnect	16 - 14	9/32	Х	X		X								X	Х			X	Х		Х			
OPF-FI	Premium nylon, fully insulated	12 – 10 12 – 10	3/8 3/8	X X	X X		X X				X X				X X	X X			X X			X X			E
	disconnect																								
DNF-FIB,	Nylon and premium	22 – 18	9/32	Х										Х					Х		Х				
DNF-FIM, DNF-FIMB,	grade nylon, fully	16 – 14	9/32	Х										Х					Х		Х				E
DPF-FIMB, DPF-FIB, DPF-FIMB, DNF-LPB, DPF-LPB	insulated, funnel entry, male/female couplers (not .110/.111)	12 – 10	3/8											Х					Х						Pre-P & Wri Mar
DNF-FIB, DPF-FIB	Nylon and premium grade nylon, fully insulated, funnel entry disconnect,	22 – 18	7/32	Х										х					Х		Х				E Perm Identif
ONF-FIBX	110/.111 tab size Nylon, expanded wire entry	22 – 18	X-9/32											Х					Х						Lock Tag & Sa
	fully insulated	16 – 14	X-9/32																Х						Solut

Tool/product approved combinations indicated on individual product pages.

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A. System **Overview**

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Tooling Selection Guide for PANDUIT Terminals, Splices, and Disconnects (continued)

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Ties					F	Plier	Tool	s			с	ontr	ollec	l Cyc	cle H	and	Tool	s			foi	imp Pne -600	uma	tic	Mechanica
le ories	<i>PANDUIT</i> Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.) [+1/32;-0]	CT-100A	CT-160	CT-200	CT-260	CT-300-1	CT-310	CT-400	CT-460	CT-1014	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500	CT-500CH	CT-520CH	CT-550CH	CT-570CH	CT-720
.	DNF-M	Nylon insulated,	22 – 18	9/32	Х	Х		Х								Х	Х			Х	Х		Х		
less		funnel entry, barrel insulated,	16 – 14	9/32	Х	Х		Х								Х	Х			Х	Х		Х		
Ties		male disconnects	12 – 10	9/32	Х	Х		Х				Х				Х	Х			X			Х		
	DNFR-B	Nylon	22 – 18	9/32	Х										Х										
		pre-insulated, right angle disconnects	16 – 14	9/32	Х										Х										
	DNFR-FIB	Nylon butted seam, right angle disconnects	22 – 18 16 – 14	11/32 11/32					X X																
-	DNG-FB	SUPRA GRIP [™] nylon, fully insulated disc., (except DNG14-187FB and DNG14-188FB)	22 – 18 16 – 14	1/4 1/4										X X											
	DNG-FL	Disco-Lok [™] nylon,	22 – 18	1/4									Х												
		fully insulated disconnects	16 – 14	1/4									Х												
	DNH	Heat	22 – 18	5/16						Х															
		shrink disconnects	16 – 14	5/16		_				Х															
			12 - 10	5/16		_				Х															
	DV	Vinyl barrel insulated sleeved disconnects	12 – 10	9/32	Х											х	х			Х			Х		
	DV-B	Vinyl insulated, butted	22 – 18	1/4	Х										Х					Х		Х			
		seam disconnects	16 - 14	1/4	Х										Х					Х	~	Х			
	DV-M	Vinyl barrel insulated male blade adapters	22 – 18 16 – 14	9/32 9/32	X X	X X		X X			X X	Х				X X	X X			X X	X X		X X		
	DV-M	Vinyl insulated male disconnects	12 – 10	9/32	Х			х															Х		
	DV-MB	Vinyl insulated butted seam male	22 – 18	9/32	Х						Х				Х					Х	Х		Х		
		disconnects	16 – 14	9/32	Х						Х	Х			Х					Х	Х		Х		
	DV-P	Vinyl insulated piggyback	22 – 18	1/4	Х	X		X								X	X			X	X		X		
	DVE	disconnects	16 – 14	1/4	Х	Х		Х								X	X			X	Х		X		
	DVF	Vinyl funnel entry barrel insulated	22 – 18 16 – 14	9/32 9/32												X X	X X			X X	X X		X		
		female disconnect	10 17	5/02												~	~			^	A		~		
-	J	Non-insulated wire joints																							
		J214-312	14 – 12	1/2	Х	-	X																		
		J318-412	18 - 12	1/2	Х	_	X																		
	JN	J216-410 Nylon insulated	16 – 10	3/4		-	Х																		
		wire joints JN224-318	24 – 16	7/16	Х	-		Х			Х					х	Х			х	Х		Х		
			24 - 16	7/16	X	-		^			X					x	X			X	×		X		
		JN418-212	18 - 12	1/2	X	-					X	Х				x	X			X	Λ		X		
			14 – 12	5/8		х		-												~					
	P-HDR	Non-insulated heavy	16 – 12	9/32	х		х	х										х	х	х				Х	
	P-P	duty rings Non-insulated	22 – 18	9/32	Х	Х	Х	Х										Х		х				Х	
1		pin terminals	16 – 14 12 – 10	9/32 9/32	X X	X X	X X	X X										X X	Х	X X				X X	
	P-R	Non-insulated large	12 - 10	9/32 3/8	~	^	^	^										^	X	^				^	
		ring terminals	6	7/16		-													X						
-			4	1/2		-		-											X						
			2	1/2		-		-											X						

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A. System Overview

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Tooling Selection Guide for PANDUIT Terminals, Splices, and Disconnects (continued)

				F	Plier	Tool	s			с	ontr	ollec	d Cy	cle F	land	Тоо	ls			for	rimp Pne -600	uma	tic	Mechanical	Cable Ties
<i>PANDUIT</i> Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.) [+1/32;-0]	CT-100A	CT-160	CT-200	CT-260	CT-300-1	CT-310	CT-400	CT-460	CT-1014	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500	CT-500CH	CT-520CH	CT-550CH	CT-570CH	CT-720	B2. Cable Accessories
P-R, P-F, P-LF,	Non-insulated rings, forks, locking forks, short locking forks,	26 - 22 22 - 18 16 - 14	3/16 7/32 7/32	X X X	XXX	X X X	X X X										XXX		XXX				X X		B3. Stainless Steel Ties
P-SLF, P-FF	flanged forks	10 - 14	9/32	X	X	X	X										X	Х	X				X		
P-RHT6	High temperature rings	22 – 18 16 – 14	9/32 9/32	X X	X X	X X	X X										X X		X X				X X		C1. Wiring
		12 – 10	9/32	X	X	X	X										X	х	X				X		Duct
PH	Heat shrink terminals	22 - 18 16 - 14 12 - 10	5/16 5/16 5/16						X X X																C2. Surface
PN-R, PN-RX,	Nylon and nylon funnel entry forks,	26 – 22 22 – 18	3/16 7/32	X X					~	Х				Х	Х	Х			X X	Х		Х			Raceway
PN-F, PN-LF, PN-FF, PNF-R, PNF-F,	locking forks, flanged forks (includes expanded insulation)	16 – 14 12 – 10	7/32 9/32	X X						Х	X X				X X	X X			X X	Х		X X			C3. Abrasion Protection
PNF-LF PN-HDR, PN-HDRX	Nylon insulated heavy duty and nylon expanded insulated heavy duty rings	16 – 12	9/32								Х				X	Х			x			Х			C4. Cable Management
PN-SLF, PNF-SLF	Nylon insulated short locking forks	22 – 18 16 – 14	7/32 7/32							X X	Х				X X	X X			X X	X X		X X			D1. Terminals
PO	NI	12 - 10	9/32	V		V	V				Х				Х	Х			Х			Х			
PS	Non-insulated parallel splices	22 - 18 20 - 16 14 - 12	5/16 5/16 7/16	X X X		X X X	X X X																		D2. Power
PSN	Nylon insulated parallel splices	22 - 18 20 - 16 14 - 12	5/16 5/16 7/16	Х	x		х							X X X					X X X		X X	X			Connectors
PK-R	KYNAR■ rings	22 - 18 16 - 14 12 - 10	7/32 7/32 9/32	X X X			X X			X X					X X X	X X X			X X X	X X		X X X			D3. Grounding Connectors
PV-HDR, PV-HDRX	Vinyl insulated heavy duty rings	16 – 12	5/16	Λ							Х				X	X			X			X			E1.
PV-LF, PV-LFX	Vinyl insulated locking forks (includes expanded insulation)	22 - 18 16 - 14 12 - 10	5/16 5/16 5/16	X X X		Х	X			X X	X X				X X X	X X X			X X X	X X		X X X			Labeling Systems
PV-P	Vinyl insulated pin terminals	22 - 18 16 - 14 12 - 10	5/16 5/16 5/16	X X X	X X X		X X X								X X X	X X X			X X X	X X		X X X			E2. Labels
PV-R, PV-F, PV-FF, PV-RX,	Vinyl insulated rings and forks (includes expanded insulation)	26 - 22 22 - 18 16 - 14	3/16 5/16 5/16	X X X	X X		X X			X X	X			Х	X X	X X			X X X X	X X		X X			E3. Pre-Printed & Write-On Markers
PV-FX PV-R, PV-RX	Vinyl insulated large ring terminals	12 - 10 8 6 4	5/16 3/8 7/16 1/2	X	X		X				X				X	X						X		X‡ X‡ X‡	E4. Permanent Identification
PV-SLF	Vinyl insulated short locking forks	2 22 - 18 16 - 14 12 - 10	1/2 5/16 5/16 5/16							X X	Х				X X X	X X X			X X X			X X X		X‡	E5. Lockout/ Tagout & Safety

■KYNAR is a registered trademark of Atonfina Chemicals, Inc. ‡Use Die CD-720PV8-2.

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Tooling Selection Guide for PANDUIT Tubular Ring Terminals

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A. System Overview

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals D2. Power Connectors D3.

E1. Labeling

Grounding

Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/ Tagout & Safety Solutions

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D1.92	Order number of pieces required, in multiples of Standard Package Quantity.

Tooling	CT-1700	CT-720	CT-920, CT-920CH, CT-2920, CT-940CH	CT-980, CT-980CH, CT-2950, CT-2980	CT-2001
PANDUIT Part Number		PA	NDUIT Die Part Num Die Index Number (Number of Crimps)		
S8-10R-Q					
S8-14R-Q	P21	CD-720-1	CD-920-8		CD-2001-8
S8-56R-Q	(2)	P21 (1)	P21 (1)		P21 (1)
S8-38R-Q		(1)	(1)		(1)
S6-10R-E					
S6-14R-E	P24	CD-720-1	CD-920-6		CD-2001-6
S6-56R-E	(2)	P24 (1)	P24 (1)		P24 (1)
S6-38R-E		(1)	(1)		(1)
S4-10R-E					
S4-14R-E	P29	CD-720-1	CD-920-4	STD	CD-2001-4
S4-56R-E	(2)	P29 (1)	P28 (1)	(1)	P29 (1)
S4-38R-E		(1)	(1)		(1)
S2-10R-X					
S2-14R-X	-	CD-720-2	CD-920-1		CD-2001-1
S2-56R-X	P37	P37	P37	STD	P37
S2-38R-X	(3)	(1)	(1)	(1)	(1)
S2-12R-X					
S1/0-14R-X					
S1/0-56R-X	-	CD-720-2	CD-920-1/0	STD	CD-2001-1/0
S1/0-38R-X	_	P42 (1)	P42 (1)	(1)	P42 (1)
S1/0-12R-X		(1)	(1)		(1)
S2/0-14R-X					
S2/0-56R-X		CD-720-2	CD-920-2/0		CD-2001-2/0
S2/0-38R-X	_	P45	P45	STD	P45
S2/0-76R-X	-	(2)	(1)	(1)	(2)
S2/0-12R-X					
S3/0-14R-5					
S3/0-56R-5		CD-720-2	CD-920-3/0		CD-2001-3/0
S3/0-38R-5	_	P50	P50	STD (1)	P50
S3/0-76R-5		(2)	(1)	(1)	(2)
S3/0-12R-5					
S4/0-38R-5		CD-720-3	CD-920-4/0		CD-2001-4/0
S4/0-76R-5	_	P54	P54	STD (1)	P54
S4/012R-5		(2)	(1)	(1)	(2)
S250-56R-5					
S250-38R-5		CD-720-3	CD-920-250	STD	CD-2001-250
S250-76R-5	-	P62 (2)	P62 (1)	(1)	P62 (2)
S250-12R-5		(2)	(1)		(2)

CT-930, CT-930CH,

Tooling Selection Guide for PANDUIT Ferrules

							Con	trolled Cyo	le Hand To	ools			Cable Ties
PANDUIT Ferrule Series	Ferrule Description	Wire Range (AWG)	Wire Range (mm²)		CT-1000	CT-1002	CT-1003	CT-1004	CT-1005	CT-1006	CT-1104	CT-1123	B2.
F	Non-insulated ferrules	24	.25			Х	Х						Cable Accessorie
		22 – 18	.50 – 1.00			Х	Х					Х	Accessorie
		16	1.50			Х	Х					Х	
		14	2.50			Х	Х						B3.
		12	4.00			Х	Х					Х	Stainless
		10	6.00			Х	Х					Х	Steel Ties
		8	10.0				Х	Х				Х	
		6	16.0				Х	Х			Х		C1. Wiring
		4 - 2	25.0 - 35.0	Please					Х		Х		
		1	50.0							Х			Duct
	Insulated single wire	26 - 18	.41 – 1.00			Х	Х					Х	
	ferrules (DIN or French	16 – 14	1.50 - 2.00			Х	Х					Х	C2.
	color code)	12 – 10	4.00 - 6.00	D1.73 -		Х	Х					Х	Surface
		8	10.0	D1.77			Х	Х			Х	Х	Raceway
		6	16.0				Х	Х			Х		
		4 – 2	25.0 - 35.0						Х				G.
		1	50.0							Х			Abrasion
FTD	Insulated twin	22 – 18	.50 – 1.00			Х	Х					Х	Protection
	wire ferrules	16 – 14	1.50 - 2.00			Х	Х					Х	
		12	4.00				Х	Х				Х	
		10	6.00				Х	Х			Х		C4. Cable
FSD-DSL FS-DSL	Insulated single wire ferrules on strips of	20 – 14	.50 – 2.50	.31" (8mm)	Х								Manageme
	50 (DIN or other color code)												D1.

A. System Overview

Grounding Connectors E1. Labeling Systems

D2. Power Connectors

D3.

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/ Tagout & Safety Solutions

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