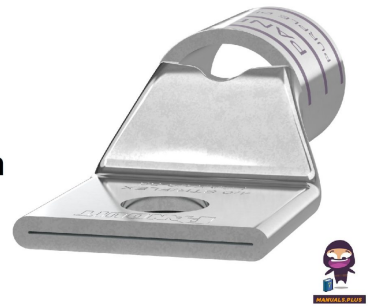


PANDUIT®
LCMA35
Compression
Connector



PANDUIT LCMA35 Compression Connector Installation Guide

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PANDUIT®

PANDUIT LCMA35 Compression Connector



Product Specifications

- Manufacturer: Panduit Corp.
- Model: T-PMPI-308-PC
- Compatible Connectors: CD-2001-XXX, CD-920-XXX
- Tool Compatibility: CT-100 (Manual), CT-200, CT-1570 (Manual), CT-600 (Air), CT-1701 (Manual)

Product Usage Instructions

Installation Process

1. Using the appropriate installation tool, insert the connector into the die.
2. Crimp the connector between the color bands or knurl markings.
3. Use the markings as a guide to evenly space crimps on the barrel of the connector.
4. Begin crimping near the tongue end of the lug and continue crimping toward the wire end.

Tool Chart and Crimping Guidelines

The tool chart provides information on the required number of compressions based on the tool and die combination used. Refer to pages 2 & 3 for detailed crimping guidelines.

Frequently Asked Questions

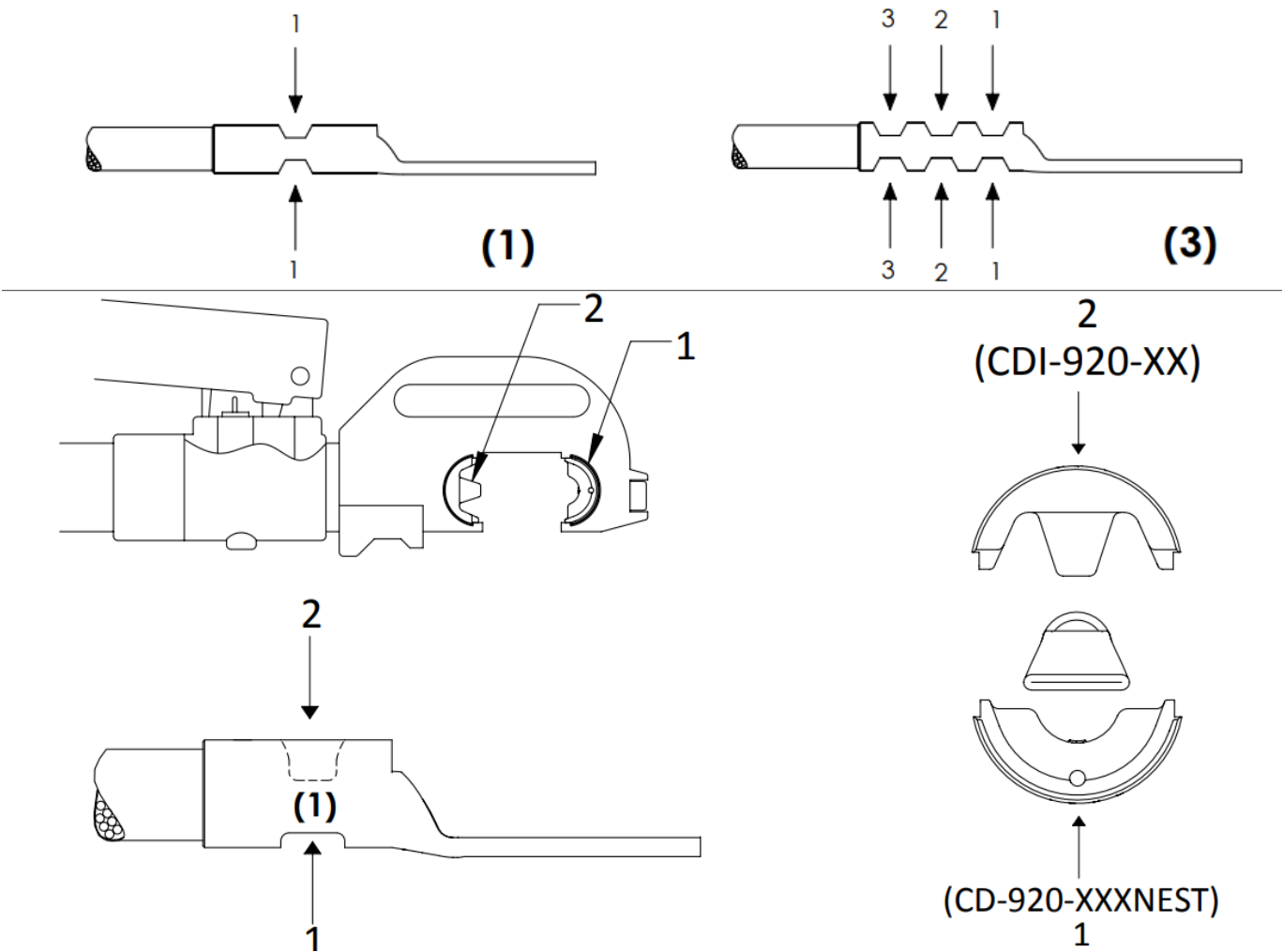
- **Q: What wire sizes are compatible with the LCMA, LCMD, LCMDN, and SCMS connectors?**
 - A: The connectors support various wire sizes ranging from Class 2 to Class 6. Refer to the tool chart for specific wire size compatibility.
- **Q: How should I determine the correct die pocket number for crimping?**
 - A: The die pocket number, indicated in the tool chart, corresponds to the wire size and class. Match the wire size to the appropriate die pocket number for accurate crimping.
- **Q: Where can I find technical support for installation assistance?**
 - A: For technical support, contact techsupport@panduit.com or visit www.panduit.com. You can also reach customer service at cs@panduit.com or call [800-777-3300](tel:800-777-3300).

Instruction



Installation

Using installation tooling shown on other side, insert the connector in die and crimp between color bands or knurl markings, use these markings as a guide to evenly space crimps on barrel of connector. Begin crimping near the tongue end of the lug and continue crimping toward the wire end. IMAGES ABOVE DEPICT CRIMP ZONES, AND SERVE AS A GENERAL GUIDELINES FOR THE CRIMP AREA. REQUIRED NUMBER OF COMPRESSIONS SHOWN ON TOOL CHART IN () ON PAGES 2 & 3 BASED ON TOOL AND DIE COMBINATION USED.



Tool Chart

Tool Chart for Compression Connectors Types LCMA, LCMD, LCMDN, and SCMS with Metric Class 2, 5, & 6 Copper Cable

Panduit Tool Part Number (For Class 2 Wire)					
CT-100 (Manual)	CT-200 C T-1570 (Manual)	CT-600 (Air)	CT-1701 (Manual)	A See Tool List Below	B See Tool List B elow
				Cembre Tool Part Number***	

							HT131-C HT-131LN-C RHC 131LN B 131-C B 131-C-KV B 131LN-C B 131-UC (14.6 Ton Hyd.)	
Panduit Part No.	Wire Size & Class 2r	Wire Strip Length (mm)	Die Pocket Number (Crimp Qty.)				Die Part Number Color & Die Index Number (Crimp Qty.)	
LCMA2.5	1.5-2.5 Class 2r	—	22-10 (1)	22-14 (1) 16-14 (1)	CT-570 16-14 (1)	P10 (1)	—	—
LCMA6 LC MD6	4 – 6mm ² Class 2r	— —	22-10 (2)	12-10 (2)	CT-570 12-10 (2)	P10 (2)	—	—
LCMA10 L CMD10 SC MS10	10mm ² Class 2r	— — 16.5	—	—	—	—	CD-2001-8-SET Red P21 (1)	CD-920-8 Red P21 (1)
LCMA16 L CMD16 SC MS16	16mm ² Class 2r	— — 19.0	—	—	—	—	CD-2001-8-SET Red P21 (1)	CD-920-8 Red P21 (1)
LCMA25 L CMD25	25mm ² Class 2r	— —	—	—	—	—	CD-2001-4-SET Gray P29 (1)	CD-920-4 Gray P29 (1)
SCMS25		19.5						
LCMA35 L CMD35 SC MS35	35mm ² Class 2r	— — 19.5	—	—	—	—	CD-2001-4-SET Gray P29 (1)	CD-920-4 Gray P29 (1)

LCMA50 L CMD50 SC MS50	50mm ² Class 2r	– – 26.0	–	–	–	–	CD-2001-1- SET Green P37 (1)	CD-920-1 Green P37 (1)
LCMA70 L CMD70 SC MS70	70mm ² Class 2r	– – 27.5	–	–	–	–	CD-2001-2/0 -SET Black P45 (2)	CD-920-2/0 Black P45 (2)
LCMA95 L CMD95 SC MS95	95mm ² Class 2r	– – 28.5	–	–	–	–	CD-2001-4/0 -SET Purple P54 (2)	CD-920-4/0 Purple P54 (2)
LCMA120 LCMD120 LCMDN120	120mm ² Class 2r	– –	–	–	–	–	CD-2001-25 0-SET Yellow P62 (2)	CD-920-250 Yellow P62 (2)
SCMS120		30.0						
LCMA150 LCMD150 LCMDN150 SCMS150	150mm ² Class 2r	– – 30.0	–	–	–	–	CD-2001-30 0-SET White P66 (2)	CD-920-300 White P66 (2)
LCMA185 LCMD185 SCMS185	185mm ² Class 2r	– – 32.0	–	–	–	–	CD-2001-40 0-SET Blue P76 (2)	CD-920-400 Blue P76 (2)
LCMA240 LCMD240 SCMS240	240mm ² Class 2r	– – 37.5	–	–	–	–	CD-2001-50 0-SET Brown P87 (2)	CD-920-500 Brown P87 (2)
LCMA300 LCMD300 SCMS300	300mm ² Class 2r	– – 39.0	–	–	–	–	–	CD-920-600 Green P94 (2)

LCMAX300 LCMDX300 SCMSX300	375mm ² Class 2r	– – 49.0	–	–	–	–	–	–
LCMA400 LCMD400 SCMS400	400mm ² Class 2r	– – 49.0	–	–	–	–	–	CD-920-750 C D-940-750** Black P106 (2)
LCMA500 LCMD500 SCMS500	500mm ² Class 2r	– – 49.5	–	–	–	–	–	CD-940-1000* * White P125 (3)
LCMA630 LCMD630 SCMS630	630mm ² Class 2r	– – 67.0	–	–	–	–	–	CD-940-1000* * White P125 (4)
LCMA630 LCMD630	1000 kc mil Class G	– –	–	–	–	–	–	CD-940-750A* * Red P125 (1) CD-940-1000* * White P125 (2)

Panduit Tool Part Number								
(For Class 5 & 6 Wire)								
CT-10 0 (Manu al)	CT-20 0 CT-1 570 (Manu al)	CT-6 00 (Air)	CT-17 01 (Manu al)	A See Tool List Belo w	B See Tool List Belo w		B See Tool List Below	
					Cembre Tool			
					Part Number***			
					HT131-C		HT131-C	
					HT-131L N-C		HT-131LN-C	
					RHC 131LN		RHC 131LN	
					B 131-C		B 131-C	

							B 131-C-KV
							B 131LN-C
							B 131-UC
							(14.6 Ton Hyd.)
	Wire						
Panduit Part No.	Size & Classes	Die Pocket Number (Crimp Qty.)				Die Part Number Color & Die Index Number (Crimp Qty.)	
	5f,6f						
LCMA 2.5	1.5 – 2 .5mm ² Class 5f Only	22-10 (1)	22-14 (1) 16-14 (1)	CT-5 70 1 6-14 (1)	P10 (1)	–	–
LCMA 6 LC MD6	4 – 6mm ² Class 5f Only	22-10 (2)	12-10 (2)	CT-5 70 1 2-10 (2)	P10 (2)	–	–
LCMA 10							
LCMD 10	–	–	–	–	–	–	–
SCMS 10							
LCMA 16 LC MD16 SCMS 16	10mm ² Class 5f Class 6f	–	–	–	–	CD-2001-8-SET Red P21 (1)	CD-920-8 Red P21 (1)
						CD-2001-8-SET	CD-920-8
	16mm ²					Red P21 (1)	Red P21 (1)

B 131-C-KV		
B 131LN-C		
B 131-UC		
(14.6 Ton Hyd.)		
Bottom	Top	
Nest Die Part Number, Die Color,	Indentor Die Part Number, Die Index	Indenter (Crimp Qty.)
Index Number	Number	
–	–	–
–	–	–
–	–	–
–	–	–
CD-920-4 NEST Gray P29	CDI-920-10 1	(1)

LCMA 25 LC MD25	Class 5f Class 5f	–	–	–	–	CD-2001 -8-SET	CD-920- 8
						Red P21	Red P21
						(2)	(2)
LCMA 35 LC MD35 SCMS 35	25mm ² Class 5f Class 5f	–	–	–	–	CD-2001 -4-SET Gray P2 9 (1)	CD-920- 4 Gray P2 9 (1)
LCMA 50 LC MD50 SCMS 50	35mm ² Class 5f Class 5f	–	–	–	–	CD-2001 -2-SET Brown P 33 (2)	CD-920- 2 Brown P 33 (2)
LCMA 70 LC MD70 SCMS 70	50mm ² Class 5f Class 5f	–	–	–	–	CD-2001 -1-SET Green P 37 (2)	CD-920- 1 Green P 37 (2)
LCMA 95 LC MD95 SCMS 95	70mm ² Class 5f Class 5f	–	–	–	–	CD-2001 -2/0-SET Black P4 5 (2)	CD-920- 2/0 Black P4 5 (2)
LCMA 120						CD-2001 -3/0-SET	CD-920- 3/0
LCMD 120						Orange P50	Orange P50
LCMD N120	95mm ² Class 5f					(2)	(2)
	Class 6f	–	–	–	–	CD-2001 -3/0-SET	CD-920- 3/0
SCMS 120						Orange P50	Orange P50
						(3)	(3)

CD-920-4 NEST Gray P29	CDI-920 -10 1	(1)
CD-920-1/ 0NEST Pink P42	CDI-920 -24 2	(1)
CD-920-3/ 0NEST Orange P5 0	CDI-920 -24 2	(1)
CD-920-3/ 0NEST Orange P5 0	CDI-920 -24 2	(1)
CD-920- 250NEST Yellow P6 2	CDI-920 -48 4	(1)
CD-920- 400NEST Blue P76	CDI-920 -48 4	(1)

LCMA 150 L CMD1 50 LC MDN1 50 SC MS15 0	120mm 2 Class 5f Class 6f	—	—	—	—	—	—
LCMA 185 L CMD1 85 SC MS18 5	150mm 2 Class 5f Class 6f	—	—	—	—	—	—
LCMA 240 L CMD2 40 SC MS24 0	185mm 2 Class 5f Class 6f	—	—	—	—	—	—
LCMA 300 L CMD3 00 SC MS30 0	240mm 2 Class 5f Class 6f	—	—	—	—	—	—
LCMA X300 LCMD X300 SCMS X300	300mm 2 Class 5f Only	—	—	—	—	—	—
LCMA 400							
LCMD 400	—	—	—	—	—	—	—
SCMS 400							
LCMA 500							
LCMD 500	—	—	—	—	—	—	—
SCMS 500							

CD-920- 400NEST Blue P76	CDI-920 -48 4	(1)
CD-920- 400NEST Blue P76	CDI-920 -48 4	(1)
CD-920- 500NEST Brown P87	CDI-920 -48 4	(1)
CD-920- 750NEST Black P10 6	CDI-920 -60 6	(1)
CD-920- 3000MXN ST P32	CDI-920 -60 6	(1)
	—	—
	—	—

LCMA 630										
LCMD 630	—	—	—	—	—	—	—		—	—
SCMS 630										

A

- CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E,
- CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO,
- CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS,
- CT-3001/CCPTO, CT-3001/STBT, CT-3001/CCPBT.

B

- CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930,
- CT-930CH, CT-940CH*, CT-2920, CT-2920/CCP, CT-2920/CCPINT,
- CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L,
- CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS,
- CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK,
- CT-2931/STCVAUS, CT-2931/CVTO, CT-2940*, CT-2940/L*, CT-2940/LE*,
- CT-2940/ST*, CT-2940/STINT*, CT-2940/STUK*, CT-2940/STAUS*, CT-2940/TO*
- CT-2920/CCPBT, CT-2931/STBT, CT-2940/STBT.

* CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter.

** CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.

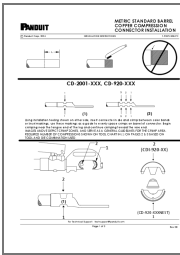
*** Cembre tools used with Panduit CD-920 dies. The maximum splice size with Cembre tools is SCMS185.

± Maximum splice size is SCMS185, Maximum splice size SCMS400 with CT-2920/CCP AND CT-2920CH/CCP

For Instructions in Local Languages and Technical Support:

- techsupport@panduit.com
- E-mail:
 - cs@panduit.com
- Phone:
 - [800-777-3300](tel:800-777-3300)

Documents / Resources



PANDUIT LCMA35 Compression Connector [pdf] Installation Guide
LCMA35-10-C, T-PMPI-308-PC, CD-2001-XXX, CD-920-XXX, LCMA35 Compression Connector, LCMA35, Compression Connector, Connector

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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