

INSTRUCTION SHEET

Ground grid connector, direct burial

High-conductivity copper

Blackburn® Grounding

IMPORTANT

Read and understand all instructions and safety information before use. Be aware of proper usage and potential hazards.


WARNING: Risk of shock, disconnect power before installation

CAUTION: Product should be installed by a qualified electrician in accordance with national and local electrical codes.
Product selection

Drawing	Cat. no.	ØA Cable range	ØB Cable range	H	L	Crimps	Dies for T&B® Tools (see step 4)
<p>Figure 1 Requires 3 crimps</p>	CTP500500*	300 - 500 kcmil	300 - 500 kcmil	2 ²⁹ / ₃₂ "	1 ¹ / ₈ "	3	15G121R* (Fig. 1)
	CTP500250	300 - 500 kcmil	3/0 STR. - 250 kcmil	2 ¹¹ / ₁₆ "	7/8"	2	15G121R
	CTP50020	300 - 500 kcmil	#6 SOL. - 2/0 STR.	2 ⁷ / ₁₆ "	7/8"	2	15G121R
	CTP250250	3/0 STR. - 250 kcmil	3/0 STR. - 250 kcmil	2 ¹ / ₁₆ "	7/8"	1	15G86R
	CTP25020	3/0 STR. - 250 kcmil	#1 STR. - 2/0 STR.	1 ³ / ₃₂ "	3/4"	1	15G86R
<p>Figure 2 Requires 5 crimps</p>	CTP2020	#1 STR. - 2/0 STR.	#1 STR. - 2/0 STR.	1 ⁹ / ₁₆ "	3/4"	1	15501A
	CTP202	#1 STR. - 2/0 STR.	#6 SOL. - #2 STR.	1 ³ / ₃₂ "	3/4"	1	15501A
	CTP22	#6 SOL. - #2 STR.	#6 SOL. - #2 STR.	1 ³ / ₃₂ "	3/4"	1	HBKC
	CTP500500N*	300 - 500 kcmil	300 - 500 kcmil	2 ²⁹ / ₃₂ "	2 ¹ / ₂ "	5	15G121N (Fig. 2)
	CTP500250N*	300 - 500 kcmil	3/0- STR. - 250 kcmil	2 ¹¹ / ₁₆ "	2 ¹ / ₂ "	5	15506* (Fig. 2)
	CTP50020N*	300 - 500 kcmil	#6 SOL. - 2/0 STR.	2 ⁷ / ₁₆ "	2 ¹ / ₂ "	5	15506* (Fig. 2)
	CTP250250N*	3/0 STR. - 250 kcmil	3/0 STR. - 250 kcmil	2 ¹ / ₁₆ "	1 ¹ / ₂ "	3	15506* (Fig. 1)
	CTP25020N*	3/0 STR. - 250 kcmil	#1 STR. - 2/0 STR.	1 ³ / ₃₂ "	1 ¹ / ₂ "	3	15506* (Fig. 1)
	CTP2020N*	#1 STR. - 2/0 STR.	#1 STR. - 2/0 STR.	1 ⁹ / ₁₆ "	1 ¹ / ₂ "	3	15517* (Fig. 1)
	CTP202N*	#1 STR. - 2/0 STR.	#6 SOL. - #2 STR.	1 ³ / ₃₂ "	1 ¹ / ₂ "	3	15517* (Fig. 1)
CTP22N*	#6 SOL. - #2 STR.	#6 SOL. - #2 STR.	1 ³ / ₃₂ "	1 ¹ / ₂ "	3	15534* (Fig. 1)	

*Note: Must use TBM15, TBM15CR-LI, or TBM15I tool only.

If using THE TBM15, TBM15CR-LI, or TBM15I Tool, a die adapter number. 15500-TB is required.

Instructions:

1. Using wire brush (WWB1) or rough cloth, clean cable of all visible dirt to bright copper finish.
2. Insert cable into connector. Cable end(s) should protrude at least 3/4" beyond connector.
3. Crimp using appropriate die and tool as specified for connector.
4. Use Hydraulic Tool 13100A, TBM14M, TBM14CR-LI, TBM15CR-LI, TBM15 or TBM15I with die indicated in chart.

tnb.abb.com
 tnb.ca.abb.com
 abb.com
 Warranty:
 tnb.abb.com/ecparranty

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

Burndy tools

Cat. no.	Y750/Y39	Y45	Y46	Crimps
CTP500500	U1011	S1011	P1011	3
CTP500250	U1011	S1011	P1011	2
CTP50020	U1011	S1011	P1011	2
CTP250250	U997	U997	U997	1
CTP25020	U997	U997	U997	1
CTP2020	U-0	U-0	U-0	1
CTP202	U-0	U-0	U-0	1
CTP22	U-C	U-C	U-C	1

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction – in whole or in part – is forbidden without prior written consent of ABB. Copyright© 2019 ABB. All rights reserved.