

INSTRUCTION SHEET

Connectors, two way splicer Cable Size: 8 Str to 4/0 AWG

Color-Keyed





WARNING

- · Risk of shock, disconnect power before installation.
- Do not crimp on energized wires.

General information:

- · Made of high conductivity copper, electro-tin plated.
- UL and CSA listed for copper "code" cables.
- · Additional listings and certifications on fine stranding classes: G,H,I,K and M (Table 1 on reverse side).
- · Color coded to assist in the matching of installing die and connector.

Instructions:

- 1. Strip the insulation from the cable to the length found in Table 1 (on reverse side) taking care not to nick cable strands (Figure 1).
- 2. Clean cable end with wire brush or emery cloth.
- 3. Refer to Table 1 (on reverse side) for information on color coding, connector combinations and insulating methods. Select desired connector and insulating method.
- 4. Insert cable into connector until it stops (Figure 2). The insertion length will approximate the stripped length of cable.
- 5. Refer to Table 1 (on reverse side) to select installing die and the number of compressions required for die connector combination. Insert connector in die and compress between markings beginning near the center of the connector and work towards the end, (Figure 3). A CAUTION: Use of improper installing dies may result in malfunctioning connection.
- 6. After crimping, remove all sharp edges, flashes, or burrs due to crimping dies.
- 7. Insulate following method in Table 1 (on reverse side) for insulating methods. Insulate as recommended.

Warranty: tnb.abb.com/ecpwarranty

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Important

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



CAUTION:

· Product should be installed by a qualified electrician in accordance with national and local electrical codes



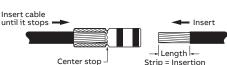


Figure 2

Figure 1

Strip = Insertion

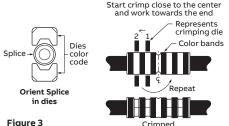


Figure 3

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Product search

electrification.us.abb.com (US/LATAM) tnb.ca.abb.com (Canada) abb.com

Table 1

Strip length, Cable size, Color codes, Die codes, Tools, and Insulating methods

Product selection - inches

Part no.	Strip length	Cable size	Classes	Flex die combo †		Color code		No. of compression(s) per side				Smart tools H No. of No. of co compression(s) per side					Battery operated tools No. of compression(s) per side		Insulation method			
				6 ton	14/15			TBM21E TBM25S TBM41E TBM45S	TBM4S	TBM5	твм6	твм8	TBM8-750 TBM8-750BSCR TBM8-750M-1	TBM6H 6 Ton		15 Ton		BPLT6BSCR BPLT62BSCR BPI42CR		Cover	Shrink tubing	Adhesive pad
54504	7/16	8 STR 8Weld 37/24	#8 G,H,K	TBM62X TBM6221X		Red	21	2	1	1	1	1	1	1	1	1	1	1	1	SC8-8	HS12-6	AC4x3
54505⊗	7/16	6 STR 6Weld 61/24 133/.014	#5 G,H,I,K	TBM62X TBM6224X		Blue	24	2	1	1	1	1	1	1	1	1	1	1	1	SC4-6	HS12-6	AC4x3
54506	5/8	4 STR 91/24 133/.0177 49/.026	#4 G,H,I,K,M	TBM62X TBM6229X			29	2	1	1	1	1	1	1	1	1	1	1	1	SC4-6	HS4-30L	AC4x3
54507	5/8	2 STR 4 Weld 125/24	#3 G,H,I,K,M	TBM62X TBM6233X		Brown	33	2	1	1	1	1	1	1	1	1	1	1	1	SC1-2	HS4-30L	AC4x3
54508	3/4	1 STR 2 Weld 150/24 175/24 133/.0223	#2 G,H,I,K,M	TBM62X TBM6237X			37	-	1	1	1	1	1	1	1	1	1	1	1	SC1-2	HS4-30L	AC4x3
54509	3/4	1/0 AWG 1 Weld 225/24 133/.0254	#1 G,H,I,K,M	TBM62X TBM6242X		Pink	42	_	1	1	1	1	1	2	1	2*	1	2	2*	SC40 C	HS4-30L	AC5x7
54510	3/4	2/0 AWG 1/0 Weld 275/24 427/.0155 13/.0282	1/0 G,H,I,K,M	TBM62X TBM6245X		Black	45	_	2	2	2	2	1	1	1	1	1	1	1	HS40 C	HS4-30L	AC5x7
54511	1	3/0 AWG 2/0 Weld 325/24 133/.0316 259/.0227 427/.0177	2/0 G,H,I,K,M	TBM62X TBM6250X			50	-	2	2	2	2	1	1	1	1	1	1	1	HS40 C	HS4-30L	AC5x7
53962	1	375/24 133/.0355 259/.0255 427/.0199	2/0 G,H,I,K,M	_	_	Orange	50	_	2	2	2	2	1	1	1	1	1	1	1	H540 C	H54-30L	AC5x7
54512	1	4/0 AWG 3/0 Weld 450/24 703/.0154	3/0 G,H,I,K,M	TBM62X TBM6254X		Purple	54	-	2	2	2	2	1	2	1	2*	1	2	2*	HS40 C	HS40-400L	AC5x7

Note: Product must be installed in accordance with applicable national and local electrical codes. * Indicates the number of compressions with half width die.
**For copper "code" cables only.
*Apply one crimp for short barrel; two crimps for long barrel. &= UL listed for parallel splicing of two #10 AWG. SOL. CU. cables.

Connectors, two way splicer | Instruction sheet | TA00676 N