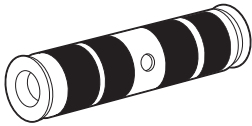


INSTRUCTION SHEET

Connectors, two way splicer

Aluminum

Color-Keyed®



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. Do not crimp on energized wires.
- Wear appropriate chemical resistant gloves, clothing and safety glasses with side shields or goggles.



CAUTION:

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

General information:

- Made of high conductivity aluminum
- Wire barrel contains oxide inhibiting compound to help minimize connection resistance.
- UL and CSA listed for either aluminum or copper coded cables
- Color coded to assist in the matching of installing die and connector.
- Maximum temperature rating 90°C

Instructions:

- Strip the insulation from the cable to the length found in Table 1 (on reverse side) taking care not to nick cable strands.
- Aluminum cable:
 - Smear a thin layer of ALUMA-SHIELD® Aluminum Joint Compound (Cat. no. 21059) on the cable (see Safety Data Sheet SDS-00012 for safe handling instructions). Use wire brush or emery cloth to clean cable through the compound in order to remove surface oxide.
 - The Main and Branch grooves are pre-installed with appropriate amount of compound. **WARNING:** Do not remove compound from the splice barrel. Insufficient compound can result in an unsafe connection. This compound contains petroleum distillates and small metal particles. Avoid prolonged skin contact (Wash with soap and water). Consult a physician if swallowed or contact with eyes.

- Remove protective caps from the end of the splice barrels and insert cable into connector until it stops see Figure 2. The insertion length will approximate the stripped length of cable.
- Table 1 (on reverse side) specifies installing die and the number of compressions required for each die-connector combination. Insert connector in die and compress between markings beginning near the center of the connector and work towards the end, see Figure 3. **CAUTION:** Use of improper installing dies may result in malfunctioning connection.
- After crimping, remove all sharp edges, flashes, or burrs.
- Insulate following methods found in Table 1 on reverse side.

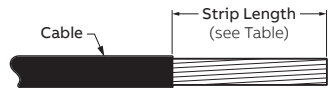


Figure 1

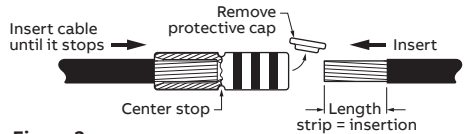


Figure 2

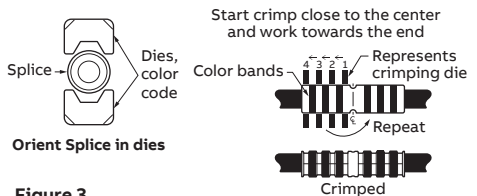


Figure 3

Table 1
Strip length, Cable size, Color codes, Die codes, Tools, and Insulating methods

Product selection - inches																						
Part no.	Strip length	Cable size	Color code	Hex die code	Hand tools					Hydraulic heads					TBM8-750BSCR TBM8-750 TBM8-750M-1 Number of compression(s) per side	Battery operated tools			Insulation methods			
					Number of compression(s) per side					Number of compression(s) per side						Cover	Shrink tubing	Adhesive pad				
TBM21E	TBM4S	TBM5	TBM6	TBM8	TBM5HX-1	TBM6H 6 Ton	12 Ton	15 Ton	40 Ton	TBM6BSCR	BPLT14BSCR TBM14BSCR											
TBM25S	TBM20S																					
60500-TB	½	10	Red	21	2	1	1	1	1	1	1	1	1	1	1	1	1	1	SC8	HS12-6	AC4x3	
650501-TB	⅝	8	Blue	24	2	2	1	2	1	2	1	1	1	1	1	1	1	1	SC8-8	HS12-6		
60507-TB	¾	6	Grey	29	4	2	2	2	2	2	2	2	2	2	2	2	2	2	SC4-6	HS12-6		
60512	⅞	4	Green	37	—	2	2	2	2	2	2	2	2	2	2	2	2	2	SC1-1	HS4-30		
	⅞	2	Pink	42	—	2	2	2	2	2	2	2	2	2	2	2	2	2	SC1-2	HS4-30		
60522-TB	1½	1	Gold	45	—	3	3	3	3	3	2	2	2	2	2	2	2	2	SC20A	HS4-30		
60530-TB	1¼	1/0	Tan	50	—	3	3	3	3	3	3	2	3*	2	2	2	2	3	3*	SC20A	HS4-30	
60536	1¼	2/0	Olive	54	—	3	3	3	3	3	2	2	2	2	2	2	2	2	SC20A	HS4-30	AC5x7	
60542	1¾	3/0	Ruby	60	—	4	—	4	4	3	2	4*	2	2	2	2	2	2	SC250A	HS4-30		
60548	2	4/0	White	66	—	—	—	4	4	4	4	4*	4*	2	2	2	2	4	4*	SC250A	HS40-400	
60554	2½	250	Red	71	—	—	—	4	4	4	4	4*	2	2	2	2	2	4	4*	SC250A	HS40-400	
60560	2¼	300	Blue	76	—	—	—	—	4	4	4	4*	4*	2	2	2	2	4	4*	SC500A	HS40-400	
60565	2¾	350	Brown	87	—	—	—	—	—	4	4	4*	4*	2	2	2	2	4	4*	SC500A	HS40-400	
60568	2¾	400	Green	94	—	—	—	—	—	4	—	4*	4*	2	2	2	2	—	4*	SC500A	HS40-400	
60571	2¾	500	Pink	99	—	—	—	—	—	4	—	4*	4*	2	2	2	2	—	4*	SC500A	HS500-1000	
60574	2¾	600	Black	106	—	—	—	—	—	4	—	4*	4*	2	2	2	2	—	4*	—	HS500-1000	AC85x75
60576	3	700	Purple	112	—	—	—	—	—	—	—	4*	4*	2	2	2	2	—	4*	—	HS500-1000	
60578	3	750	Yellow	115	—	—	—	—	—	—	—	4*	4*	2	2	2	2	—	4*	—	HS500-1000	
60584	3½	1000	—	140	—	—	—	—	—	—	—	—	4*	2	2	2	2	—	4*	—	HS500-1000L	

Note: Product must be installed in accordance with applicable national and local electrical codes.

NOTE: Some part numbers in table 1 have suffixes: i.e. XXXXG (indicating special packaging). All crimp requirements for these parts are the same as for the base part numbers.

* Indicates the number of compressions with half width die.

