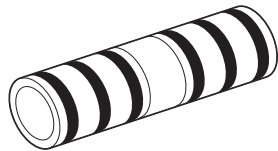


INSTALLATION INSTRUCTIONS

Compression Splices, aluminum type ASP AL9CU 90°C rated

For stranded, compressed, compact aluminum and copper cables

Blackburn®



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.



Important

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

WARNING:

- Do not remove oxide inhibitor 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.

Installation instructions

1. Check the wire size marked on the aluminum splice to ensure it's the correct connector for the actual cable size to be used (Figure 1).
2. Strip cable insulation taking care not to nick cable strands (Figure 2).
3. Wire brush (Reference ABB catalog number WWB1) the cable side which will be inserted into the connector (Figure 3).
4. Fully insert cable into connector (Figure 4).
5. Refer to the Tool and Die Index. Select one of the tool/die combinations listed for the cable size; crimp the connector the number of times shown on the chart for tool/die combination. (**NOTE:** on splices, make first crimp just outside the knurl on each side of the center and space crimps uniformly along the splice. On lugs, make first crimp at the inner end of barrel and space crimps uniformly along the barrel.)
6. Wipe off any excess of oxide inhibitor.



Figure 1

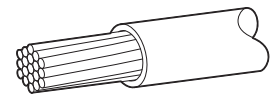


Figure 2



Figure 3

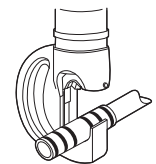


Figure 4

Tool and die index

Product selection		Blackburn® connectors have expanded cable range when installed with the following tools												
Al or Cu stranded wire size	Die color	Blackburn® Hydraulic		Mechanical		Burdny tools Hydraulic		Mechanical		T&B® Tools Hydraulic		NOTE: Use maximum cable for connector selection.		
		JB12A,B HCT7508 HCT1239	Crimps required	MY29-3	Crimps required	Y35 Y39	Crimps required	TBM55	Crimps required	TBM15	Crimps required	Blackburn®	Anderson VC6†, VC6FT	VC8C††
350	Brown	B12CHI	4	—	—	U31ART	2	13466	7	87H	4	2/0 - 350†	2	—
400	Green	B36CH	6	—	—	U32ART	4	—	—	94	2	3/0 - 400†	2	—
500	Pink	B76CH	4	—	—	U34ART	4	—	—	99H	4	4/0 - 500†	2	—
600	Black	6039RT ⁽¹⁾	2	—	—	U36ART	4	—	—	106	2	350 - 600 AL 35-500 CU	3††	—
750	—	6024AH ⁽¹⁾	1	U39RT ⁽²⁾	4	U39ART-2 ⁽³⁾	4	—	—	115H	5	350 - 600 AL 35-500 CU	—	2†††
1000	—	6030AH ⁽¹⁾	2	P44ART ⁽²⁾	2	—	—	—	—	150H	5	750-1000 AL	—	2†††

⁽¹⁾ JB60A and JB60B only. ⁽²⁾ Y46 only. ⁽³⁾ Y39 only.

† Users of VC6 tool must strip off an extra 1/8" of insulation from one end of cable to permit removal of tool over cable sizes 250 MCM and larger on ASP connectors.

†† VC6FT tool only. ††† With AL NIBS for VC8C.

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Product search

