

Primary Connector Kits

Compliances: FAA AC 150/5345-26: L-823
ICAO Annex 14

CKP

Applications

The connection of series isolation transformers to the power cables requires primary connector kits that can be applied to cable ends in a few minutes by the electrical installer following simple illustrated instructions.

Metal plug and receptacle fittings are crimped onto the conductors and then inserted into the molded rubber housings.

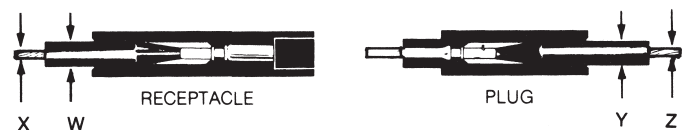
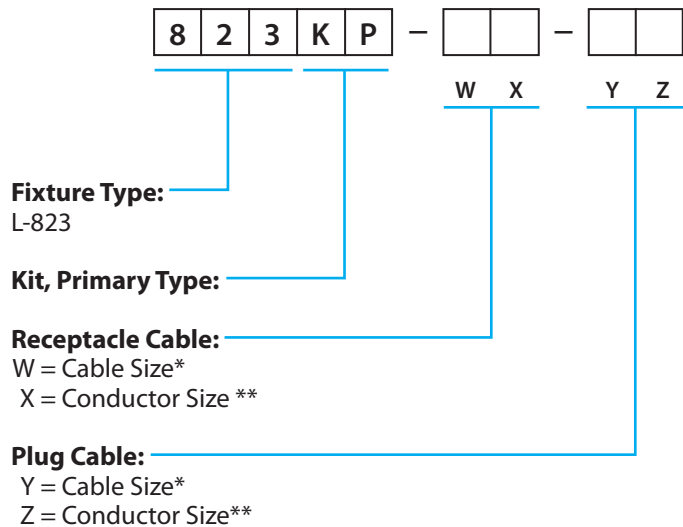
Primary kits provide both a plug and a receptacle. One kit is required for each transformer location for the ends of the series cable.

The circuits may be readily disconnected for testing or for replacing faulty equipment and then quickly rejoined for continued use. Typically, L-823 connections are taped and/or sealed using heat shrink kits (HSK).

Note: Connector Kits designed for metal shielded cable are available. Contact Crouse-Hinds for information.

Refer to page 6.4 for Crimping Tools.

Ordering Information



To specify the proper kit for an installation, select from the tables below the symbols which meet the requirements and substitute for (W, X) and (Y, Z) respectively.

Example:

A 823KP-D4-D4 is a connector kit for #8 stranded conductor and a cable diameter of .390 inch.

*Cable Size Table				
Cable Outside Diameter				Symbol W and Y
Minimum		Maximum		
mm	inches	mm	inches	
5.0	.195	6.6	.260	B
6.4	.250	8.4	.330	C
8.1	.320	10.9	.430	D
10.7	.420	14.9	.585	E
14.6	.575	19.9	.785	F
19.7	.775	25.0	.985	G

Molded rubber adapters are a part of kits B & C for small diameter cables.

Diameters vary along cable lengths. Take several measurements. Select a tight fit rather than a loose one.

**Conductor Size Table				
Conductor Size				Symbol X and Z
Concentric Stranded		Solid		
mm ²	AWG	mm ²	AWG	
4	10-12	6	8-10	6
6	8	10	6	4
10	6	16	4	3
16	4	-	-	2