



Aluminum Offset Pigtail Adaptor

Conductor Range: 350MCM-750MCM Aluminum



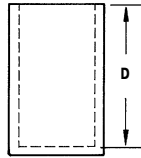
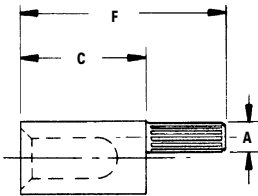
A TYPE ACO

Features

- Manufactured from high strength aluminum alloy
- Pin is knurled
- Pin is off center
- Chamfered barrel
- UL Listed and CSA Certified for 600 volts
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in barrel
- Supplied with insulating cover

Benefits

- Provides maximum conductivity and excellent crimping characteristics
- Permits greater surface contact
- Allows connectors to be rotated for parallel applications. Multiple conductor lugs hole spacing does NOT permit insertion of straight pin connectors.
- Provides easy conductor insertion
- Ensures reliability for aluminum conductors
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die
- Eliminates taping



Lug Will Not Accept Straight Pin Offset Pin Design - Application

Catalog Number	Aluminum Wire Size	Die Color Code	Die Index	Approx. Pin Size	Dimensions				Temperature Rating	O.D.	I.D.
					F	C	A	D (cover)			
ACO-350	350MCM	Brown	14	250MCM	2-3/4	1-13/32	37/64	2-1/4	90° C	1-7/64	23/32
ACO-500	500MCM	Pink	16A	350MCM	3-5/8	2-1/32	11/16	3-1/4	90° C	1-21/64	55/64
ACO-600	600MCM	Yellow	18	400MCM	3-43/64	2-1/32	47/64	3-1/4	90° C	1-15/32	59/64
ACO-750	750MCM-700MCM	Yellow	18	500MCM	3-51/64	2-1/32	13/16	3-1/4	90° C	1-15/32	1-1/32

Cover and connector are packaged together (ONLY).

Tooling Information

Catalog Number	ILSCO					Burdry					Thomas & Betts			Color Code	
	ILC-12 ILC-12H Die No. No. of Crimps	ILCB-12 Die No. No. of Crimps	ILC-14 ILC-14H Die No. No. of Crimps	ILC-15 Die No. No. of Crimps	IDT-12 IDT-12H Dieless No. of Crimps	Y-48B Die Index No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	Y-46 Die Index No. of Crimps	Y644M Dieless No. of Crimps	13642 15 Ton Die Index No. of Crimps	TMB 15 15 Ton Die Index No. of Crimps		21940 40 Ton Die Index No. of Crimps
ACO-350	ILD-14 (1)	ILD-14 (1)	ILD-14 (1)	ILD-14 (1)	(1)	299 (2*)	299 (2*)	299 (2*)	299 (2*)	299 (2*)	(1)	87H (2)	87 (2)	87 (2)	Brown
ACO-500	ILD-16A (2)	ILD-16A (2)	ILD-16A (2)	ILD-16A (2)	(1)	300 (3)	300 (3)	300 (3)	300 (3)	300 (3)	(1)	99H (3)	99H (3)	99 (3)	Pink
ACO-600	ILD-18 (3)	ILD-18 (3)	ILD-18 (3)	ILD-18 (3)	(1)	936 (3)		936 (3)	936 (3)	936 (3)	(1)	115H (3)	115H (3)	115 (3)	Yellow
ACO-750	ILD-18 (3)	ILD-18 (3)	ILD-18 (3)	ILD-18 (3)	(1)	936 (3)		936 (3)	936 (3)	936 (3)	(1)	115H (3)	115H (3)	115 (3)	Yellow

* Overlap Crimps