



Aluminum Compression Lugs

Conductor Range: 350MCM-1000MCM



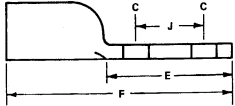
TYPE 2ACL

Features

- Electro-tin plated
- Manufactured from high strength aluminum alloy
- Chamfered barrel
- UL 486B 90° C Listed and CSA Certified for 600 volts
- Color coded
- 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

Benefits

- Provides low contact resistance
- Provides maximum conductivity and excellent crimping characteristics
- Provides easy conductor insertion
- Ensures reliability for copper or aluminum conductors
- Provides visual tooling recommendation for IlSCO or standard industry tools
- 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



Catalog No.	Wire Size	Wire Range When Installed With IDT-12 Tool	Die Color Code	Bolt Size	Tang Width	Dimensions				Index	O.D.	I.D.	Temperature Rating
						C	E	F	J				
2ACL-350	350MCM	350MCM-3/0	Brown	1/2 (2)	1-9/16	9/16(2)	3-3/8	5-31/32	1-3/4	14	1-1/8	23/32	90°
2ACL-400	400MCM	400MCM-4/0	Green	1/2 (2)	1-5/8	9/16(2)	3-3/8	6-11/16	1-3/4	16	1-3/16	49/64	90°
2ACL-500	500MCM	500MCM-4/0	Pink	1/2 (2)	1-13/16	9/16(2)	3-3/8	6-11/16	1-3/4	16A	1-21/64	55/64	90°
2ACL-600	600MCM	600MCM-250MCM	Black	1/2 (2)	1-15/16	9/16(2)	3-3/8	6-3/4	1-3/4	17	1-21/64	59/64	90°
2ACL-700	700MCM	700MCM-350MCM	Purple	1/2 (2)	2-1/16	9/16(2)	3-3/8	6-15/16	1-3/4	17	1-13/32	1	90°
2ACL-750	750MCM	750MCM-500MCM	Yellow	1/2 (2)	2-3/16	9/16(2)	3-3/8	6-15/16	1-3/4	18	1-29/64	1-1/32	90°
2ACL-1000	1000MCM	1000MCM-750MCM	Brown	1/2 (2)	2-1/2	9/16(2)	3-3/8	7-3/4	1-3/4	20	1-53/64	1-3/16	90°

Tooling Information

Catalog Number	ILSCO								Burndy						Thomas & Betts				Anderson	Color Code	
	ILC-12 ILC-12H Die No. No. of Crimps	ILCB-12 ILC-14H Die No. No. of Crimps	ILD-14 Die No. No. of Crimps	IDTB-12 Die No. No. of Crimps	ILD-15 Die No. No. of Crimps	MT-25 Hand Tool No. of Crimps	94285 Left /Rt. 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	MY29-3 Hand Tool No. of Crimps	Y644M Dieless No. of Crimps	13642 15 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	TBM-8 Hand Tool No. of Crimps		Versa Crimp Die Index No. of Crimps
2ACL-350	ILD-14 (2)	ILD-14 (2)	ILD-14 (2)	(4)	ILD-14 (2)	-	-	(1)	299 (1)	299 (2)	299 (2)	299 (2)	299 (2)	-	(1)	87H (4)	87H (4)	87 (2)	87H (6)	(3)	Brown
2ACL-400	ILD-16 (3)	ILD-16 (3)	ILD-16 (3)	(4)	ILD-16 (3)	-	-	(1)	472 (2)	472 (4)	472 (4)	472 (4)	472 (4)	-	(1)	94H (4)	94H (4)	94 (2)	-	(4)	Green
2ACL-500	ILD-16A (3)	ILD-16A (3)	ILD-16A (3)	(4)	ILD-16A (3)	-	-	(1)	300 (2)	300 (4)	300 (4)	300 (4)	300 (4)	-	(1)	99H (4)	99H (4)	99 (2)	-	(4)	Pink
2ACL-600	ILD-17 (4)	ILD-17 (4)	ILD-17 (4)	(4)	ILD-17 (4)	-	-	(1)	473 (2)	473 (4)	473 (4)	473 (4)	473 (4)	-	(1)	106H (4)	106 (2)	106 (2)	-	(4)	Black
2ACL-700	ILD-17 (4)	ILD-17 (4)	ILD-17 (4)	(4)	ILD-17 (4)	-	-	(1)	936 (2)	-	936 (4)	936 (4)	936 (4)	-	(1)	112H (4)	112H (4)	112 (2)	-	-	Purple
2ACL-750	ILD-18 (5)	ILD-18 (5)	ILD-18 (5)	(4)	ILD-18 (5)	-	-	(1)	936 (2)	-	936 (4)	936 (4)	936 (4)	-	(1)	115H (4)	115H (4)	115 (2)	-	-	Yellow
2ACL-1000	-	-	-	-	-	-	-	(1)	302 (2)	-	-	-	-	-	(1)	-	140H (4)	140 (2)	-	-	Brown

UL Listed and CSA Certified 600 volts maximum when installed with tools and dies shown above. If proper high voltage spacings and insulation techniques are used, the aluminum compression connectors can be used for high voltage applications up to 35KV.