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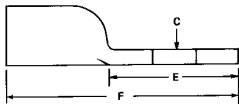
TYPE ACL

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 Number	Wire Size	Wire Range When Installed With IDT-12-N Tool	Die Color Code	Bolt Size	Tang Width	Dimensions			Die Index	O.D.	I.D.
						C	E	F			
ACL-8	8	8	Blue	1/4	1/2	9/32	11/16	1-7/16	2	5/16	11/64
ACN-8	8	8	Blue	#10	1/2	13/64	11/16	1-7/16	2	5/16	11/64
ACL-6	6	6	Gray	1/4	1/2	9/32	11/16	1-43/64	3	11/32	3/16
ACL-4	4	4-6	Green	1/4	9/16	9/32	23/32	1-13/16	4	7/16	1/4
ACN-4	4	4-6	Green	5/16	9/16	11/32	23/32	1-13/16	4	7/16	1/4
ACL-2	2	2-6	Pink	1/4	11/16	9/32	23/32	1-7/8	7	17/32	5/16
ACN-2	2	2-6	Pink	5/16	11/16	11/32	23/32	1-7/8	7	17/32	5/16

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Tooling Information

Catalog Number	ILSCO								Burdly							Thomas & Betts				Anderson	Color Code
	ILC-12-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	IDTB-6 Dieless No. of Crimps	IDT-6, IDT-6H 6.2 Ton Dieless No. of Crimps	ILC-15H Die No. No. of Crimps	MT-25 Hand Dieless No. of Crimps	94285 Left /Rt. Die/Die No. of Crimps	IDT-12-N 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 Dieless No. of Crimps	Y644M Dieless No. of Crimps	13642 12 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 Dieless No. of Crimps	
ACL-8/ ACN-8	ILD-2 (1)	ILD-2 (1)	-	-	ILD-2 (1)	-	M/K (2)	-	-	-	-	-	-	-	24 (1)	24 (2)	-	-	-	Blue	
ACL-6	ILD-3 (1)	ILD-3 (1)	(1)	(1)	ILD-3 (1)	(1)	K/K (2)	(1)	-	346 (1)	346 (1)	346 (1)	346 (1)	-	29 (2)	29 (2)	29 (2)	(2)	(1)	Gray	
ACL-4/ ACN-4	ILD-4 (2)	ILD-4 (2)	(1)	(1)	ILD-4 (2)	(1)	H/H (3)	(1)	-	375 (1)	375 (1)	375 (1)	375 (1)	-	37 (2)	37 (2)	37 (2)	(2)	(1)	Green	
ACL-2/ ACN-2	ILD-7 (1) or ILD-6 (3)	ILD-7 (1) or ILD-6 (3)	(2)	(2)	ILD-7 (1) or ILD-6 (3)	-	E/A (3)	(1)	-	348 (1)	348 (1)	348 (1)	348 (1)	-	42 (1)	42H (4)	42 (2)	-	-	Pink	

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.

See stuffer sheet for complete information on tooling.

Tested to UL 486A-486B, UL File E6207

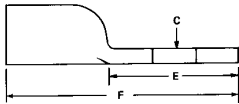
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						C	E	F			
ACL-1	1	1-2	Gold	1/4	3/4	9/32	29/32	2-25/64	7	35/64	23/64
ACN-1	1	1-2	Gold	5/16	3/4	11/32	29/32	2-25/64	7	35/64	23/64
ACL-1/0	1/0	1/0-1	Tan	3/8	7/8	13/32	15/16	2-9/16	8	39/64	25/64
ACN-1/0	1/0	1/0-1	Tan	5/16	7/8	11/32	15/16	2-9/16	8	39/64	25/64
ACL-2/0	2/0	2/0-1	Olive	3/8	31/32	13/32	1	2-5/8	10	43/64	7/16
ACN-2/0	2/0	2/0-1	Olive	1/2	31/32	9/16	1	2-5/8	10	43/64	7/16

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Tooling Information

Catalog Number	ILSCO								Burdry						Thomas & Betts				Anderson	Color Code	
	ILC-12-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	IDTB-6 Dieless No. of Crimps	IDT-6, IDT-6H 6.2 Ton Dieless No. of Crimps	ILC-15H Die No. No. of Crimps	MT-25 Hand Dieless No. of Crimps	94285 Left / Rt. Die / Die No. of Crimps	IDT-12-N 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 Dieless No. of Crimps	Y644M Dieless No. of Crimps	13642 12 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 Dieless No. of Crimps
ACL-1/ ACN-1	ILD-7 (1) or ILD-6 (4)	ILD-7 (1) or ILD-6 (4)	- (2)	- (2)	ILD-7 (1) or ILD-6 (4)	- (2)	E/A (4)	- (1)	- (1)	471 (1)	471 (1)	471 (1)	471 (1)	- (2)	- (1)	45 (3)	45 (3)	45 (3)	- (3)	- (2)	Gold
ACL-1/0/ ACN-1/0	ILD-8 (1)	ILD-8 (1)	- (2)	- (2)	ILD-8 (1)	- (2)	A/C (5)	- (1)	296 (1)	296 (1)	296 (1)	296 (1)	296 (1)	- (2)	- (1)	50 (3)	50 (3)	50 (3)	- (3)	(2)	Tan
ACL-2/0/ ACN-2/0	ILD-10 (1)	ILD-10 (1)	- (2)	- (2)	ILD-10 (1)	- (2)	A/B (4)	- (1)	297 (1)	297 (2)	297 (2)	297 (2)	297 (2)	- (2)	- (1)	54 (3)	54H (6)	54 (3)	- (3)	(2)	Olive

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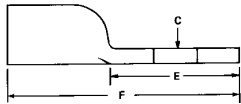
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Catalog Number	Wire Size	Wire Range When Installed With IDT-12-N Tool	Die Color Code	Bolt Size	Tang Width	Dimensions			Die Index	O.D.	I.D.
						C	E	F			
ACL-3/0	3/0	3/0-1	Ruby	3/8	1-1/16	13/32	1-1/16	2-13/16	10	49/64	1/2
ACN-3/0	3/0	3/0-1	Ruby	1/2	1-1/16	9/16	1-1/16	2-13/16	10	49/64	1/2
ACL-4/0	4/0	4/0-1	White	3/8	1-1/8	13/32	1-1/16	3-3/8	12	55/64	9/16
ACN-4/0	4/0	4/0-1	White	1/2	1-1/8	9/16	1-1/16	3-3/8	12	55/64	9/16
ACL-250	250kcmil	250kcmil-1/0	Red	1/2	1-21/64	17/32	1-1/2	3-7/8	13	59/64	39/64
ACL-300	300kcmil	300kcmil-2/0	Blue	1/2	1-7/16	17/32	1-1/2	4-1/16	14	1-1/64	21/32
ACL-350	350kcmil	350kcmil-3/0	Brown	1/2	1-9/16	17/32	1-1/2	4-3/32	14	1-1/8	23/32

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Tooling Information

Catalog Number	ILSCO							Burdly							Thomas & Betts				Anderson	Color Code	
	ILC-12-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	IDTB-6 Dieless No. of Crimps	IDT-6, IDT-6H 6.2 Ton Dieless No. of Crimps	ILC-15H Die No. No. of Crimps	MT-25 Hand Dieless No. of Crimps	94285 Left/Rt. Die/Die No. of Crimps	IDT-12-N 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 Dieless No. of Crimps	Y644M Dieless No. of Crimps	13642 12 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 Dieless No. of Crimps
ACL-3/0 ACN-3/0	ILD-10 (2)	ILD-10 (2)	- (3)	- (3)	ILD-10 (2)	- (2)	A/A (4)	- (1)	467 (1)	467 (2)	467 (2)	467 (2)	467 (2)	- (2)	- (1)	60 (3)	60 (3)	60 (3)	- (3)	- (2)	Ruby
ACL-4/0 ACN-4/0	ILD-12 (1)	ILD-12 (1)	- (3)	- (3)	ILD-12 (1)	- (2)	- (2)	- (2)	298 (1)	298 (2)	298 (2)	298 (2)	298 (2)	- (2)	- (1)	66H (4)	66 (2)	66 (2)	- (5)	- (3)	White
ACL-250	ILD-13 (2)	ILD-13 (2)	- (3)	- (3)	ILD-13 (2)	- (2)	- (2)	- (2)	324 (1)	324 (2)	324 (2)	324 (2)	324 (2)	- (1)	- (1)	71H (4)	71H (4)	71 (2)	- (5)	- (3)	Red
ACL-300	ILD-14 (2)	ILD-14 (2)	- (4)	- (4)	ILD-14 (2)	- (2)	- (2)	- (2)	470 (1)	470 (2)	470 (2)	470 (2)	470 (2)	- (1)	- (1)	76H (4)	76 (2)	76 (2)	- (5)	- (3)	Blue
ACL-350	ILD-14 (2)	ILD-14 (2)	- (4)	- (4)	ILD-14 (2)	- (2)	- (2)	- (2)	299 (1)	299 (2)	299 (2)	299 (2)	299 (2)	- (1)	- (1)	87H (4)	87H (4)	87 (2)	- (6)	- (3)	Brown

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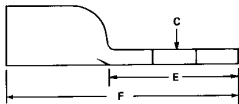
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Catalog Number	Wire Size	Wire Range When Installed With IDT-12-N Tool	Die Color Code	Bolt Size	Tang Width	Dimensions			Die Index	O.D.	I.D.
						C	E	F			
ACL-400	400kcmil	400kcmil-4/0	Green	1/2	1-5/8	17/32	1-9/16	4-7/8	16	1-3/16	49/64
ACL-500	500kcmil	500kcmil-4/0	Pink	1/2	1-13/16	17/32	1-9/16	4-7/8	16A	1-21/64	55/64
ACL-600	600kcmil	600kcmil-250kcmil	Black	5/8	1-15/16	21/32	2	5-3/8	17	1-21/64	59/64
ACL-700	700kcmil	700kcmil-350kcmil	Purple	5/8	2-1/16	21/32	2-3/32	5-21/32	17	1-13/32	1
ACL-750	750kcmil	750kcmil-500kcmil	Yellow	5/8	2-3/16	21/32	2-3/32	5-21/32	18	1-29/64	1-1/32
ACL-1000	1000kcmil	1000kcmil-750kcmil	Brown	5/8	2-1/2	21/32	2-1/4	6-5/8	20	1-53/64	1-3/16

Tooling Information

Catalog Number	ILSCO						Burdny						Thomas & Betts				Anderson	Color Code
	ILC-12-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	IDTB-6 Dieless No. of Crimps	IDT-6, IDT-6H 6.2 Ton Dieless No. of Crimps	ILC-15H Die No. No. of Crimps	IDT-12-N 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 12 Ton Die Index No. of Crimps	TBM 15 40 Ton Die Index No. of Crimps	21940 Hand Die Index No. of Crimps	TBM-8 Tool No. of Crimps	Versa Crimp Dieless No. of Crimps	
ACL-400	ILD-16 (3)	ILD-16 (3)	- (4)	- (4)	ILD-16 (3)	- (2)	472 (2)	472 (4)	472 (4)	472 (4)	472 (4)	- (1)	94H (4)	94H (4)	94 (2)	- (4)	- (4)	Green
ACL-500	ILD-16A (3)	ILD-16A (3)	- (4)	- (4)	ILD-16A (3)	- (2)	300 (2)	300 (4)	300 (4)	300 (4)	300 (4)	- (1)	99H (4)	99H (4)	99 (2)	- (4)	- (4)	Pink
ACL-600	ILD-17 (4)	ILD-17 (4)	- (4)	- (4)	ILD-17 (4)	- (2)	473 (2)	473 (4)	473 (4)	473 (4)	473 (4)	- (1)	106H (4)	106 (2)	106 (2)	- (4)	- (4)	Black
ACL-700	ILD-17 (4)	ILD-17 (4)	- (4)	- (4)	ILD-17 (4)	- (2)	936 (2)	- (4)	936 (4)	936 (4)	936 (4)	- (1)	112H (4)	112H (4)	112 (2)	- (4)	- (4)	Purple
ACL-750	ILD-18 (5)	ILD-18 (5)	- (4)	- (4)	ILD-18 (5)	- (2)	936 (2)	- (4)	936 (4)	936 (4)	936 (4)	- (1)	115H (4)	115H (4)	115 (2)	- (4)	- (4)	Yellow
ACL-1000	-	-	-	-	- (3)	- (2)	302 (2)	-	-	-	-	- (1)	-	140H (4)	140 (2)	-	-	Brown

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