

Information Sheet

Series ACL, ACN, 2ACL, 2ACN and AS

Compression Connectors for Aluminum or Copper Conductor

ILSCO TOOLS

Compression Terminals ACL, 2ACL, AS, ACN, 2ACN (A)	Color Code	Die Code	94285 Hand Tool			MT-25 Hand Dieless (C)	ILC-12H-N, ILC-12-N, ILC-12, ILC-12H ILC-14, ILC-14H 12 Ton ILCB-12-N, ILCB-12, ILCB-12-LIO 12 Ton Battery	ILC-15H, ILC-15 15 Ton ILC-30H 30 Ton	IDT-12, IDT-12H 11 Ton Dieless (C)	IDT-6, IDT-6H 6.2 Ton Dieless IDTB-6, IDTB-6-LIO 6.2 Ton Dieless Battery IDTB-12, 12 Ton Dieless Battery (C)	IDT-12-N 15 Ton Dieless (C)	IVTB-6 6 Ton Dieless Battery (C)
			Left Die	Right Die	No. of Crimps							
8	Blue	2	M	K	2	1	1	1				
6	Gray	3	K	K	2	1	1	1	1	1	1	1
4	Green	4	H	H	3	1	2	2	1	1	1	1
2	Pink	7/6	E	A	3	2	1/3	1/3	1	1	1	1
1	Gold	7/6	E	A	4	2	1/4	1/4	1	2	1	2
1/0	Tan	8	A	C	5	2	1	1	1	2	1	2
2/0	Olive	10	A	B	4	2	1	1	1	2	1	2
3/0	Ruby	10	A	A	4	2	2	2	1	3	1	2
4/0	White	12				2	1	1	1	3	2	2
250	Red	13					2	2	1	3	2	2
300	Blue	14					2	2	1	4	2	4
350	Brown	14					2	2	1	4	2	4
400	Green	16					3	3	1	4	2	4
500	Pink	16A					3	3	1	4	2	4
600	Black	17					4	4	1	4	2	4
700	Purple	17					4	4	1	4	2	
750	Yellow	18					5	5	1	4	2	
1000	Brown	20						3	1		2	

(A) Number of crimps shown on chart must be on each end of the AS splicer connectors.

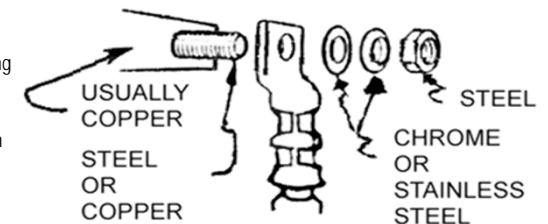
(B) The ACL, 2ACL, ACN, 2ACN AND AS connectors are marked with color, the die numbers and required number of crimps for ILSCO hydraulic tools. When using other listed tools, consult chart for crimps required. Crimps should be evenly space on connector.

(C) The ILSCO MT-25, ILSCO IVTB-6, Burndy MY29-3 and all dieless tools are not color coded or do not contain the die index.

(D) Consult manufacturers data for catalog numbers of dies for each tool.

Connector Installation

- Select proper ACL, ACN, 2ACL, 2ACN or AS connector for the wire size to be used. Series can be used with concentric, compressed or compact aluminum or copper wire.
- Strip wire insulation using an approved method. Do not nick or ring the wire. Remove any mylar coating on the wire.
- Remove surface oxides from the wire with a wire brush.
- Insert wire all the way into the barrel of the connector.
- Select the proper die for approved tool. See chart above for approved tools and dies. Compress tang from tang toward wire, or from inside of AS connector toward wire.
- When terminating an aluminum connector to a steel or copper stud, use a belleville or compression type washer in combination with a flat washer. Tighten until the belleville washer is flat.





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Compression Connectors for Aluminum or Copper Conductor



Compression Terminals ACL, 2ACL, AS, ACN, 2ACN (A)	Color Code	Die Code	BURNDY TOOLS (B) (D)						T & B TOOLS (B) (D)				Anderson	Greenlee	
			MY29-3 Hand (C)	Y34A	Y35	Y39 Y45 Y46	Y48B	Y644M Dieless (C)	Die Code	TBM 8 Hand	13642 12 Ton	TBM 15 15 Ton	21940 40 Ton	Versa-Crimp® Dieless (C)	1990 Dieless (C)
8	Blue	374	1						24	1	1	2			
6	Gray	346	1	1+	1	1		1	29	2	2	2	2		
4	Green	375	1	1+	1	1		1	37	2	2	2	2	1	1
2	Pink	348	2	1+	1	1		1	42	2	2	4*	2	1	1
1	Gold	471	2	1+	1	1		1	45	3	3	3	3	2	1
1/0	Tan	296	2	1+	1	1	1	1	50	3	3	3	3	2	1
2/0	Olive	297	2	2+	2	2	1	1	54	3	3	6*	3	2	1
3/0	Ruby	467	2	2+	2	2	1	1	60	3	3	3	3	2	1
4/0	White	298	2	2+	2	2	1	1	66	5	4*	2	2	3	2
250	Red	324	2	2+	2	2	1	1	71	5	4*	4*	2	3	2
300	Blue	470		2+	2	2	1+	1	76	5	4*	2	2	3	2
350	Brown	299			2	2	1+	1	87	6	4*	4*	2	3	2
400	Green	472			4	4	2+	1	94		4*	4*	2	4	2
500	Pink	300			4	4	2+	1	99		4*	4*	2	4	2
600	Black	473			4	4	2+	1	106		4*	2	2	4	2
700	Purple	936				4	2	1	112		4*	4*	2		2
750	Yellow	936				4	2	1	115		4*	4*	2		2
1000	Brown	302					2+	1	140			4*	2		2

(A) Number of crimps shown on chart must be on each end of the AS splicer connectors.

(C) The ILSCO MT-25, ILSCO IVTB-6, Burndy MY29-3 and all dieless tools are not color coded or do not contain the die index.

(B) The ACL, 2ACL, ACN, 2ACN AND AS connectors are marked with color, the die numbers and required number of crimps for ILSCO hydraulic tools. When using other listed tools, consult chart for crimps required. Crimps should be evenly space on connector.

(D) Consult manufacturers data for catalog numbers of dies for each tool.

+ These Burndy Tools are listed for use with die and nest indenter combinations.

* T & B half dies require twice the number of crimps.



Information Sheet
Series ACL, ACN, 2ACL, 2ACN and AS
for ILSCO IDT-12, IDT-12-N, IDTB-6, IDT-6, IDT-6H, IVTB-6
and Burndy Y644M Dieless Tools
For Aluminum or Copper Conductors

Compression Terminals ACL, ACN, AS	Standard Wire Size	Expanded Wire Range	No. Crimps for ILSCO IDT-12, IDT-12-N and Burndy Y644M	No. Crimps for ILSCO IDTB-6, IDTB-6-LIO, IDT-6 and IDT- 6H	No. Crimps for ILSCO IVTB-6
6	6 AWG	6 AWG	1	1	1
4	4 AWG	4 - 6 AWG	1	1	1
2	2 AWG	2 - 6 AWG	1	1	1
1	1 AWG	1 - 2 AWG	1	2	2
1/0	1/0 AWG	1/0 - 1 AWG	1	2	2
2/0	2/0 AWG	2/0 - 1 AWG	1	2	2
3/0	3/0 AWG	3/0 - 1 AWG	1	3	2
4/0	4/0 AWG	4/0 - 1 AWG	1	3	2
250	250kcmil	250kcmil - 1/0 AWG	1	3	2
300	300kcmil	300kcmil - 2/0 AWG	1	4	4
350	350kcmil	350kcmil - 3/0 AWG	1	4	4
400	400kcmil	400kcmil - 4/0 AWG	1	4	4
500	500kcmil	500kcmil - 4/0 AWG	1	4	4
600	600kcmil	600kcmil - 250kcmil	1	4	4
700	700kcmil	700kcmil - 350kcmil	1	4	
750	750kcmil	750kcmil - 500kcmil	1	4	
1000	1000kcmil	1000kcmil - 750kcmil	1		

Second Crimp optional for the 2ACL, 2ACN Series

Number of crimps shown on chart must be on each end of the AS splicer connectors