

Catalog No.	Insulating Cover* Furnished With Adapter	Aluminum Wire / Copper Code Wire Size	Pin Diameter	Die Color Code	Tool Manufacturers										
					ILSCO					UTILCO					
					TM-12U1000, TR-12U1000, TB-12U1000 Series, ILC-750, ILC-14 Series, ILC-12 Series, ILCB-12 Series					TM-6DF1000, TR-6DF1000, TB-6DF1000 Series Dieless	IDT-12 IDTB-12, IDT-12H Dieless	UM-U42, UR-U42, BLL-U42 Series			UM-4PT, UR-4PT, BLL-4PT Series Dieless
					ILSCO Die		Burndy Die			# Crimps	# Crimps	ILSCO Die		Burndy Die	
Die #	# Crimps	Die #	# Crimps	Die #	# Crimps	Die #	# Crimps								
ACMN-6	PCC-4	6 AWG	0.24"	Tan	ILD-296	1	U25ART	1	1	1	ILD-296	1	U25ART	1	1
ACMN-4	PCC-4	4 AWG	0.24"	Tan	ILD-296	1	U25ART	1	1	1	ILD-296	1	U25ART	1	1
ACMN-2	PCC-4	2 AWG	0.24"	Tan	ILD-296	1	U25ART	1	1	1	ILD-296	1	U25ART	1	1
ACMN-1	PCC-4	1 AWG	0.26"	Tan	ILD-296	1	U25ART	1	1	1	ILD-296	1	U25ART	1	1
ACMN-1/0	PCC-4	1/0 AWG	0.29"	Tan	ILD-296	1	U25ART	1	1	1	ILD-296	1	U25ART	1	1
ACMN-2/0	PCC-7	2/0 AWG	0.33"	White	ILD-298	2	U28ART	2	1	1	ILD-298	2	U28ART	2	1
ACMN-3/0	PCC-7	3/0 AWG	0.37"	White	ILD-298	2	U28ART	2	1	1	ILD-298	2	U28ART	2	1
ACMN-4/0	PCC-7	4/0 AWG	0.42"	White	ILD-298	2	U28ART	2	2	1	ILD-298	2	U28ART	2	2
ACMN-250	PCC-9	250 kcmil	0.47"	Brown	ILD-299	2	U31ART	2	2	1	ILD-299	2	U31ART	2	2
ACMN-300	PCC-9	300 kcmil	0.53"	Brown	ILD-299	2	U31ART	2	2	1	ILD-299	2	U31ART	2	2
ACMN-350	PCC-9	350 kcmil	0.57"	Brown	ILD-299	2	U31ART	2	3	1	ILD-299	2	U31ART	2	3
ACMN-400	PCC-11	400 kcmil	0.63"	Pink	ILD-300	2	U34ART	2	3	1	ILD-300	2	U34ART	2	3
ACMN-500	PCC-11	500 kcmil	0.68"	Pink	ILD-300	2	U34ART	2	3	1	ILD-300	2	U34ART	2	3
ACMN-600	PCC-12	600 kcmil	0.73"	Yellow	ILD-936	2	U39ART-2	2	3	1	ILD-936	2	U39ART-2	2	3
ACMN-750	PCC-12	750 kcmil	0.81"	Yellow	ILD-936	2	U39ART-2	2	3	1	ILD-936	2	U39ART-2	2	3

Catalog No.	Insulating Cover* Furnished With Adapter	Aluminum Wire and Copper Code Wire Size	Pin Diameter	Die Color Code	Tool Manufacturers										
					Burndy					Greenlee		Rigid			
					Y35 Series, Y39 Series, Y750 Series, PAT750 Series					Y81 Series, PAT81 Series Dieless	Y644 Series, PAT644 Series Dieless	EK1240, HK1240, RK1240		RE 12-M	
					ILSCO Die		Burndy Die			# Crimps	# Crimps	ILSCO Die #	# Crimps	ILSCO Die #	# Crimps
Die #	# Crimps	Die #	# Crimps												
ACMN-6	PCC-4	6 AWG	0.24"	Tan	ILD-296	1	U25ART	1	1	1	ILD-296	1	ILD-296	1	1
ACMN-4	PCC-4	4 AWG	0.24"	Tan	ILD-296	1	U25ART	1	1	1	ILD-296	1	ILD-296	1	1
ACMN-2	PCC-4	2 AWG	0.24"	Tan	ILD-296	1	U25ART	1	1	1	ILD-296	1	ILD-296	1	1
ACMN-1	PCC-4	1 AWG	0.26"	Tan	ILD-296	1	U25ART	1	1	1	ILD-296	1	ILD-296	1	1
ACMN-1/0	PCC-4	1/0 AWG	0.29"	Tan	ILD-296	1	U25ART	1	1	1	ILD-296	1	ILD-296	1	1
ACMN-2/0	PCC-7	2/0 AWG	0.33"	White	ILD-298	2	U28ART	2	1	1	ILD-298	2	ILD-298	2	2
ACMN-3/0	PCC-7	3/0 AWG	0.37"	White	ILD-298	2	U28ART	2	1	1	ILD-298	2	ILD-298	2	2
ACMN-4/0	PCC-7	4/0 AWG	0.42"	White	ILD-298	2	U28ART	2	2	1	ILD-298	2	ILD-298	2	2
ACMN-250	PCC-9	250 kcmil	0.47"	Brown	ILD-299	2	U31ART	2	2	1	ILD-299	2	ILD-299	2	2
ACMN-300	PCC-9	300 kcmil	0.53"	Brown	ILD-299	2	U31ART	2	2	1	ILD-299	2	ILD-299	2	2
ACMN-350	PCC-9	350 kcmil	0.57"	Brown	ILD-299	2	U31ART	2	3	1	ILD-299	2	ILD-299	2	2
ACMN-400	PCC-11	400 kcmil	0.63"	Pink	ILD-300	2	U34ART	2	3	1	ILD-300	2	ILD-300	2	2
ACMN-500	PCC-11	500 kcmil	0.68"	Pink	ILD-300	2	U34ART	2	3	1	ILD-300	2	ILD-300	2	2
ACMN-600	PCC-12	600 kcmil	0.73"	Yellow	ILD-936	2	U39ART-2	2	3	1	ILD-936	2	ILD-936	2	2
ACMN-750	PCC-12	750 kcmil	0.81"	Yellow	ILD-936	2	U39ART-2	2	3	1	ILD-936	2	ILD-936	2	2

*Insulating cover is intended to be assembled to wire adapter after crimp application. Do NOT crimp over the insulating cover.

Installation of Wire to ACMN/ACON Series Wire Adapter

1. Select proper wire adapter for wire size to be used. ACMN series adapters are for used with aluminum and code copper wires (Class B/C).
2. Strip the wire insulation. Strip Length = Barrel Length + 1/4 Inch. Do not nick or ring the wire. Remove any mylar coating on the wire.
3. Remove surface oxide from the wire by cleaning it with wire brush.
4. Insert the wire all the way into the barrel of the adapter.
5. Refer to the above tables. Select proper approved tool/die.
6. Remove flash before slipping insulating cover into place.

Installation of ACMN/ACON Series Wire Adapter to Field Device

1. ACMN series adapters may only be used in a field device with set screw connectors suitable for use with aluminum and copper conductors. Check the connector to be sure that the pin of the ACMN adapter can be sufficiently clamped with the set screw.
2. With insulating cover installed on the wire adapter, check to be sure there is no interference in any direction between the insulating cover and surrounding material.
3. Be sure the wire adapter does not reduce wire bending space as required by applicable NEC codes.
4. Bend wire to fit before installing the wire adapter.
5. Insert pin of the pin adapter into the set screw connector of the field device and tighten the set screw using the equipment manufacturer's recommended tightening torque.