



SERIES CPM



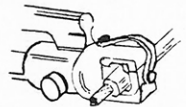
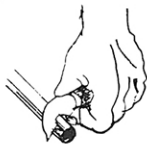
COMPRESSION ADAPTERS FOR ALUMINUM CONDUCTORS TO MECHANICAL LUGS

The U.L. listing for the IlSCO CPM Series adapter is contingent upon its use in accordance with the instructions contained on this sheet.

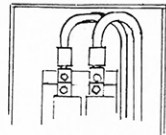
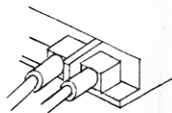
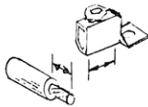
The CPM Series adapters are clearly marked with the catalog number, wire size, IlSCO die number and are color coded for proper die selection. They are also marked for the proper number and location of crimps.

Standard Catalog Number	Aluminum Wire Size	Copper Wire Size	Recommended Tightening Torque (Inch-Lbs.) Screw Wrench	Die Color Code	Compression Dies			Anderson Die Less No. of Crimps	Cover Furnished With Connector	
					IlSCO Index Crimp	T & B Die Crimp	Burndy Index Crimp			
CPM-6	#6	#8	40	75	ORANGE	9 3	52 1	BG 3	1	CCC-1
CPM-4	#4	#6	45	110	ORANGE	9 3	52 1	BG 3		
CPM-2	#2	#4	45	110	ORANGE	9 3	52 1	BG 3		
CPM-1	#1	#3	50	150	ORANGE	9 3	52 1	BG 3	2*	CCC-2
CPM-1/0	1/0	#2	50	150	RED	13 1	76 2	324 2		
CPM-2/0	2/0	#1	50	150	RED	13 1	76 2	324 2		
CPM-3/0	3/0	1/0	50	180	RED	13 1	76 2	324 2		
CPM-4/0	4/0	2/0	50	180	RED	13 1	76 2	324 2		
CPM-250	250 MCM	3/0		250	BROWN	14 2*	87H 2	299 2*	2*	CCC-3
CPM-300	300 MCM	4/0		250	BROWN	14 2*	87H 2	299 2*		
CPM-350	350 MCM	4/0		250	BROWN	14 2*	87H 2	299 2*		
CPM-400	400 MCM	250		325	PINK	16A 2*	106H 2	300 3	3*	CCC-4
CPM-500	500 MCM	350		325	PINK	16A 2*	106H 2	300 3		
CPM-600	600 MCM	350		325	YELLOW	18 3	115H 3	936 3		
CPM-750	750MCM	500		375	YELLOW	18 3	115H 3	936 3	3*	CCC-4
CPML-500	500 MCM	350		325	PINK	16A 2*	106H 2	300 3		
CPML-600	600 MCM	350		325	YELLOW	18 3*	115H 3	936 3		
CPML-750	750 MCM	500		325	YELLOW	18 3*	115H 3	936 3		CCC-5

*Overlap Compressions



1. Select CPM adapter for the wire size to be used. CPM adapters can be used with concentric, compressed or compact aluminum wire.
2. Strip the wire insulation using an approved method. Do not nick or ring the conductor. Be sure and remove any mylar coating on the wire.
3. Remove surface oxides from the conductor by cleaning it with a wire brush.
4. Insert conductor all the way into the barrel of the CPM adapter.
5. Select the proper die for approved tool. See chart above for approved tools and dies. Compress from copper wire toward conductor. Remove flash and excess De-ox before slipping provided cover in place.



1. Select CPM adapter marked for the aluminum conductor to be terminated. The CPM adapters can be used with concentric, compressed or compact aluminum wire.
2. Check length of copper wire in the CPM adapter with the connector to be used so good contact between the copper wire and connector is maintained.
3. With insulating cover or CPM adapter, check to be sure there is no interference in any direction between the insulating cover and surrounding material.
4. Be sure the CPM adapter does not reduce the wire bending space as required by table 373-6 (a) of the N.E.C.
5. Bend conductor to fit before installing the CPM adapter.
6. See instructions above to crimp CPM adapter to the aluminum conductor.
7. Insert copper wire of the CPM adapter into the connector body and tighten to above torque or to equipment manufacturers recommended tightening torque.