CONNECTORS FOR CONTROL, POWER AND DISTRIBUTION

A-M

COPPER TUBE CRIMPING LUGS

A-M series lugs are manufactured from electrolytic Copper tube with a purity greater than 99.9%.

The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength to resist vibration and pull out.

Cembre lugs are annealed to guarantee optimum ductility, which is an absolute necessity for connectors that have to withstand the severe deformation arising when compressed, that any bending of the palm during installation.

mm²	M4	M5	M6	M8	M10	M12	M14	M16	M20
6	A1-M4	A1-M5	A1-M6	A1-M8	A1-M10				
10	A2-M4	A2-M5	A2-M6	A2-M8	A2-M10	A2-M12			
16	A3-M4	A3-M5	A3-M6	A3-M8	A3-M10	A3-M12			
25	A5-M4	A5-M5	A5-M6	A5-M8	A5-M 10	A5-M12			
35		A7-M5	A7-M6	A7-M8	A7-M10	A7-M12			
50			A10-M6	A10-M8	A10-M10	A10-M12	A10-M14	A10-M16	
70			A14-M6	A14-M8	A14-M10	A14-M12	A14-M14	A14-M16	
95			A19-M6	A19-M8	A19-M10	A19-M12	A19-M14	A19-M16	A19-M20
120				A24-M8	A24-M10	A24-M12	A24-M14	A24-M16	A24-M20
150				A30-M8	A30-M10	A30-M12	A30-M14	A30-M16	A30-M20
185				A37-M8	A37-M10	A37-M12	A37-M14	A37-M16	A37-M20
240				A48-M8	A48-M10	A48-M12	A48-M14	A48-M16	A48-M20
300					A60-M10	A60-M12	A60-M14	A60-M16	A60-M20
400						A80-M12	A80-M14	A80-M16	A80-M20

A-M

COPPER TUBE CRIMPING LUGS

This range of terminals features contained palm width and has been specifically developed for application on L.V. circuit breakers with reduced space terminal blocks.

The contained palm width allows an immediate and easier installation.

mm²	M5	M6	M8	M10	M12	M16
10	A2-M5/9					
16	A3-M5/9					
25	A5-M5/9					
35		A7B-M6/11.5*				
50		A10B-M6/11.5*				
70		A14B-M6/11.5*				
95			A19B-M8/15.5*			
120			A24B-M8/19*	A24B-M10/19*		
150			A30B-M8/19*	A30B-M10/19*		
185				A37B-M10/24.5*		
240				A48-M10/31	A48-M12/31	A48-M16/31
300					A60B-M10/31*	A60B-M12/31*

*Without inspection hole

ANE-M

POLYAMIDE PA6.6 INSULATED COPPER TUBE LUGS

ANE-M series lugs are manufactured from electrolytic Copper tube with a purity greater than 99.9%, annealed and Tin plated.

The interior of the PA6.6 insulated sleeve is funnel shaped so as to ensure complete and easy introduction of the conductor strands.

It also eliminates the need to insulate the terminal using either tape or heat shrinkable tubing.

mm²	M4	M5	M6	M8	M10	M12	M14	M16	M20
10	ANE2-M4	ANE2-M5	ANE2-M6	ANE2-M8	ANE2-M10	ANE2-M12			
16	ANE3-M4	ANE3-M5	ANE3-M6	ANE3-M8	ANE3-M10	ANE3-M12			
25	ANE5-M4	ANE5-M5	ANE5-M6	ANE5-M8	ANE5-M 10	ANE5-M12			
35			ANE7-M6	ANE7-M8	ANE7-M10	ANE7-M12			
50			ANE10-M6	ANE10-M8	ANE10-M10	ANE10-M12			
70			ANE14-M6	ANE14-M8	ANE14-M10	ANE14-M12	ANE14-M14		
95				ANE19-M8	ANE19-M10	ANE19-M12	ANE19-M14	ANE19-M16	
120					ANE24-M10	ANE24-M12	ANE24-M14	ANE24-M16	
150						ANE30-M12	ANE30-M14	ANE30-M16	ANE30-M20

2A-M

HEAVY DUTY COPPER TUBE TERMINALS

2A-M series terminals are made from high purity Copper tube, and are annealed. They feature a double length barrel for enhanced electrical and mechanical performance in heavy duty applications.

The absence of an inspection hole prevents the entry of water or moisture into the crimped joint making these terminals suitable for outdoor applications.

mm²	M8	M10	M12	M14	M16	M20
16	2A3-M8	2A3-M10				
25	2A5-M8	2A5-M10	2A5-M12			
35	2A7-M8	2A7-M10	2A7-M12			
50		2A10-M10	2A10-M12	2A10-M14	2A10-M16	
70		2A14-M10	2A14-M12	2A14-M14	2A14-M16	
95		2A19-M10	2A19-M12	2A19-M14	2A19-M16	2A19-M20
120		2A24-M10	2A24-M12	2A24-M14	2A24-M16	2A24-M20
150		2A30-M10	2A30-M12	2A30-M14	2A30-M16	2A30-M20
185			2A37-M12	2A37-M14	2A37-M16	2A37-M20
240			2A48-M12	2A48-M14	2A48-M16	2A48-M20
300			2A60-M12	2A60-M14	2A60-M16	2A60-M20
400			2A80-M12	2A80-M14	2A80-M16	2A80-M20

HR

COPPER TUBE CRIMPING LUGS

HR series lugs are manufactured from electrolytic Copper tube and designed to obtain high electrical conductivity combined with the mechanical strength required to resist vibration and pull out.

The barrel entrance of the lug is chamfered to allow easy conductor insertion, while its length facilitates precise positioning of the crimping die.

mm²	M6	M8	M10	M12	M14	M16	M20
10	HR10-6	HR10-8	HR10-10	HR10-12			
16	HR16-6	HR16-8	HR16-10	HR16-12			
25	HR25-6	HR25-8	HR25-10	HR25-12	HR25-14		
35	HR35-6	HR35-8	HR35-10	HR35-12	HR35-14	HR35-16	
50	HR50-6	HR50-8	HR50-10	HR50-12	HR50-14	HR50-16	HR50-20
70	HR70-6	HR70-8	HR70-10	HR70-12	HR70-14	HR70-16	HR70-20
95		HR95-8	HR95-10	HR95-12	HR95-14	HR95-16	HR95-20
120		HR120-8	HR120-10	HR120-12	HR120-14	HR120-16	HR120-20
150		HR150-8	HR150-10	HR150-12	HR150-14	HR150-16	HR150-20
185			HR185-10	HR185-12	HR185-14	HR185-16	HR185-20
240			HR240-10	HR240-12	HR240-14	HR240-16	HR240-20
300				HR300-12	HR300-14	HR300-16	HR300-20

Standard version available until stock run-out, alternatively N version will be supplied.

DR

COPPER TUBE CRIMPING LUGS ACCORDING TO DIN 46235

DR series lugs are manufactured from electrolytic Copper tube with a purity greater than 99.9%. and designed to obtain high electrical conductivity combined with the mechanical strength required to resist vibration and pull out.

Cembre lugs are annealed and Tin plated for improved surface protection. Dimensions are according to DIN 46235.

mm²	M5	M6	M8	M10	M12	M16	M20
10	DR10-5	DR10-6	DR10-8*	DR10-10*			
16	DR16-5*	DR16-6	DR16-8	DR16-10	DR16-12*		
25		DR25-6	DR25-8	DR25-10	DR25-12		
35		DR35-6*	DR35-8	DR35-10	DR35-12	DR35-16*	
50		DR50-6*	DR50-8	DR50-10	DR50-12	DR50-16	
70			DR70-8	DR70-10	DR70-12	DR70-16	DR70-20*
95			DR95-8*	DR95-10	DR95-12	DR95-16	DR95-20*
120			DR120-8*	DR120-10	DR120-12	DR120-16	DR120-20
150				DR150-10	DR150-12	DR150-16	DR150-20
185				DR185-10	DR185-12	DR185-16	DR185-20
240				DR240-10*	DR240-12	DR240-16	DR240-20
300				DR300-10*	DR300-12*	DR300-16	DR300-20

Standard version available until stock run-out, alternatively N version will be supplied.

* Dimensions of the tube according to DIN 46235; Stud hole not included within the standard.

T-M

COPPER TUBE CRIMPING LUGS ACCORDING TO NF C 20-130

T-M series lugs are manufactured from electrolytic Copper tube with a purity greater than 99.9%. The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength to resist vibration and pull out.

In applications subject to vibration, lugs still have to provide a reliable connection and annealing plays a vital role in avoiding cracking or breaks between the barrel and palm. The insertion of the cable is facilitated by the flared design.

mm²	M5	M6	M8	M10	M12	M14	M16	M20
6	T6-M5	T6-M6	T6-M8					
10	T10-M5	T10-M6	T10-M8	T10-M10				
16	T16-M5	T16-M6	T16-M8	T16-M10				
25		T25-M6	T25-M8	T25-M10	T25-M12			
35		T35-M6	T35-M8	T35-M10	T35-M12			
50		T50-M6	T50-M8	T50-M10	T50-M12			
70			T70-M8	T70-M10	T70-M12			
95			T95-M8	T95-M10	T95-M12	T95-M14	T95-M16	
120			T120-M8	T120-M10	T120-M12	T120-M14	T120-M16	
150				T150-M10	T150-M12	T150-M14	T150-M16	
185				T185-M10	T185-M12	T185-M14	T185-M16	
240				T240-M10	T240-M12	T240-M14	T240-M16	T240-M20
300				T300-M10	T300-M12	T300-M14	T300-M16	T300-M20
400							T400-M16	T400-M20

CAA-M

BIMETALLIC CONNECTORS

The barrels of series CAA-M connectors are made from Aluminium of a purity equal to or greater than 99,5%.

The barrel is friction welded to the palm thus achieving the best possible transition between the copper palm and Aluminium barrel. Barrels are capped and filled with grease so as to avoid oxidation of the Aluminium.

mm²	M12	M16
10	CAA10-M12	
16	CAA16-M12	
25	CAA25-M12	
35	CAA35-M12	
50	CAA50-M12	
70	CAA70-M12	
95	CAA95-M12	
120	CAA120-M12	
150	CAA150-M12	
185	CAA185-M12	
240	CAA240-M12	
300	CAA300-34-M12	CAA300-34-M16
		CAA300-M16
400		CAA400-M16
500		CAA500-M16 TNBD