

HEAVY DUTY COPPER TUBE TERMINALS 2A19-M

for Copper conductors

□ The 2A-M series cable lugs are designed for heavy duty, for grounding structures and equipment both indoors and outdoors and for medium voltage applications up to 35 kV.

2A-M series terminals are made from high purity Copper tube with a purity greater than 99.9%, and are annealed.

They feature a double length barrel for enhanced electrical and mechanical performance in heavy duty applications.

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

In applications subject to vibration, terminals still have to perform a reliable connection, annealing plays a vital role in avoiding cracking or breaks between the barrel and palm.

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

2A-M series lugs form an important part of Cembre crimping systems for power carrying conductors.

Each connector is marked as follows:

- Cembre trade mark and reference
- number
- Nature and size of conductor
- (sqmm)
- Ø stud (mm)

Lugs are manufactured from electrolytic copper tube Cu-OF CW008A conforming to UNI EN 13600:2013.

Lugs are electrolytically tin plated with a minimum thickness of 3µm to avoid oxidation.

Certificates

□ E125401

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Technical characteristics

Material (Body)Cu-OF CW008A

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List of products

2A19-M Cable type: copper, Maximum section: 95 mm²

Type	Width	Length	Diameter	Diameter of the hole	Pack qty	Min. pack qty	M	N	Ø Stud mm	Maximum diameter of the stripped cable
2A19-M1025	mm76.5	mm76.5	mm13.5	mm10.5	50	25	11 mm	10 mm	10 mm	13.5 mm
2A19-M1225	mm81.5	mm81.5	mm13.5	mm13.2	50	25	14 mm	12 mm	12 mm	13.5 mm
2A19-M1425	mm85.5	mm85.5	mm13.5	mm15	75	25	16 mm	14 mm	14 mm	13.5 mm
2A19-M1627	mm90.5	mm90.5	mm13.5	mm17	50	25	18 mm	16 mm	16 mm	13.5 mm
2A19-M2029	mm97.5	mm97.5	mm13.5	mm21	75	25	22 mm	20 mm	20 mm	13.5 mm

2A19-M Cable type: flexible copper, Maximum section: 95 mm²

Type	Width	Length	Diameter	Diameter of the hole	Pack qty	Min. pack qty	M	N	Ø Stud mm	Maximum diameter of the stripped cable
2A19-M1025	mm76.5	mm76.5	mm13.5	mm10.5	50	25	11 mm	10 mm	10 mm	13.5 mm
2A19-M1225	mm81.5	mm81.5	mm13.5	mm13.2	50	25	14 mm	12 mm	12 mm	13.5 mm
2A19-M1425	mm85.5	mm85.5	mm13.5	mm15	75	25	16 mm	14 mm	14 mm	13.5 mm
2A19-M1627	mm90.5	mm90.5	mm13.5	mm17	50	25	18 mm	16 mm	16 mm	13.5 mm
2A19-M2029	mm97.5	mm97.5	mm13.5	mm21	75	25	22 mm	20 mm	20 mm	13.5 mm

2A19-M Cable type: flexible copper, Minimum section: 70 mm², Maximum section: 95 mm²

Type	Width	Length	Diameter	Diameter of the hole	Pack qty	Min. pack qty	M	N	Ø Stud mm	Maximum diameter of the stripped cable
2A19-M1025	mm76.5	mm76.5	mm13.5	mm10.5	50	25	11 mm	10 mm	10 mm	13.5 mm
2A19-M1225	mm81.5	mm81.5	mm13.5	mm13.2	50	25	14 mm	12 mm	12 mm	13.5 mm
2A19-M1425	mm85.5	mm85.5	mm13.5	mm15	75	25	16 mm	14 mm	14 mm	13.5 mm
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2A19-M2029	mm97.5	mm97.5	mm13.5	mm21	75	25	22 mm	20 mm	20 mm	13.5 mm



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