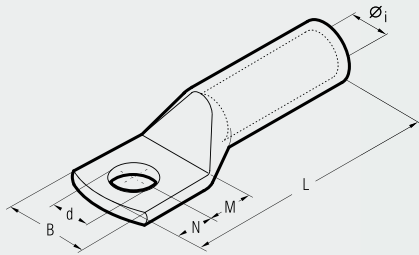




# HEAVY DUTY COPPER TUBE TERMINALS

## 2A-M



| Conductor Size sqmm | Ø Stud mm | Ref.         | Dimensions mm |      |      |    |       |       | Quantity Box/Bag | Mechanical Tools |          | Hydraulic Tools |       |       |      |      |
|---------------------|-----------|--------------|---------------|------|------|----|-------|-------|------------------|------------------|----------|-----------------|-------|-------|------|------|
|                     |           |              | Øi            | B    | M    | N  | L     | d     |                  | HN 5             | TN 70 SE | HT 45-E         | HT 51 | RH 50 | B 51 | B 55 |
| 16                  | 8         | 2 A 3-M 8    | 5,8           | 15,0 | 9    | 8  | 43,5  | 8,4   | 600/100          | HN 5             | TN 70 SE | HT 45-E         | HT 51 | RH 50 | B 51 | B 55 |
|                     | 10        | 2 A 3-M 10   | 5,8           | 18,0 | 11   | 10 | 47,5  | 10,5  | 500/100          |                  |          |                 |       |       |      |      |
| 25                  | 8         | 2 A 5-M 8    | 7,0           | 15,0 | 9    | 8  | 51,0  | 8,4   | 400/100          | TN 70 SE         | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 10        | 2 A 5-M 10   | 7,0           | 18,0 | 11   | 10 | 55,0  | 10,5  | 300/50           |                  |          |                 |       |       |      |      |
| 25                  | 12        | 2 A 5-M 12   | 7,0           | 21,0 | 14   | 12 | 60,0  | 13,2  | 300/50           | TN 70 SE         | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 8         | 2 A 7-M 8    | 8,9           | 17,0 | 9    | 8  | 53,0  | 8,4   | 250/50           |                  |          |                 |       |       |      |      |
| 35                  | 10        | 2 A 7-M 10   | 8,9           | 19,0 | 11   | 10 | 57,0  | 10,5  | 250/50           | TN 70 SE         | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 12        | 2 A 7-M 12   | 8,9           | 21,0 | 14   | 12 | 62,0  | 13,2  | 250/50           |                  |          |                 |       |       |      |      |
| 50                  | 10        | 2 A 10-M 10  | 10,0          | 20,0 | 11   | 10 | 63,0  | 10,5  | 200/50           | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 12        | 2 A 10-M 12  | 10,0          | 21,0 | 14   | 12 | 68,0  | 13,2  | 150/50           |                  |          |                 |       |       |      |      |
| 50                  | 14        | 2 A 10-M 14  | 10,0          | 25,0 | 16   | 14 | 72,0  | 15,0  | 150/50           | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 16        | 2 A 10-M 16  | 10,0          | 26,0 | 18   | 16 | 76,0  | 17,0  | 150/50           |                  |          |                 |       |       |      |      |
| 63                  | 10        | 2 A 14-M 10  | 11,3          | 21,0 | 11   | 10 | 70,0  | 10,5  | 100/50           | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 12        | 2 A 14-M 12  | 11,3          | 22,0 | 14   | 12 | 75,0  | 13,2  | 100/50           |                  |          |                 |       |       |      |      |
| 70                  | 14        | 2 A 14-M 14  | 11,3          | 25,0 | 16   | 14 | 79,0  | 15,0  | 100/50           | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 16        | 2 A 14-M 16  | 11,3          | 26,0 | 18   | 16 | 83,0  | 17,0  | 100/50           |                  |          |                 |       |       |      |      |
| 95                  | 10        | 2 A 19-M 10  | 13,5          | 25,0 | 11   | 10 | 76,5  | 10,5  | 75/25            | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 12        | 2 A 19-M 12  | 13,5          | 25,0 | 14   | 12 | 81,5  | 13,2  | 75/25            |                  |          |                 |       |       |      |      |
| 95                  | 14        | 2 A 19-M 14  | 13,5          | 25,0 | 16   | 14 | 85,5  | 15,0  | 75/25            | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 16        | 2 A 19-M 16  | 13,5          | 27,0 | 18   | 16 | 90,5  | 17,0  | 75/25            |                  |          |                 |       |       |      |      |
| 120                 | 20        | 2 A 19-M 20  | 13,5          | 29,5 | 22   | 20 | 97,5  | 21,0  | 75/25            | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 10        | 2 A 24-M 10  | 15,2          | 28,5 | 11   | 10 | 82,0  | 10,5  | 50/25            |                  |          |                 |       |       |      |      |
| 125                 | 12        | 2 A 24-M 12  | 15,2          | 28,5 | 14   | 12 | 87,0  | 13,2  | 50/25            | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 14        | 2 A 24-M 14  | 15,2          | 28,5 | 16   | 14 | 91,0  | 15,0  | 50/25            |                  |          |                 |       |       |      |      |
| 125                 | 16        | 2 A 24-M 16  | 15,2          | 28,5 | 18   | 16 | 95,0  | 17,0  | 50/25            | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 20        | 2 A 24-M 20  | 15,2          | 30,0 | 22   | 20 | 103,0 | 21,0  | 50/25            |                  |          |                 |       |       |      |      |
| 150                 | 10        | 2 A 30-M 10  | 16,7          | 31,5 | 13   | 11 | 92,0  | 10,5  | 50/25            | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 12        | 2 A 30-M 12  | 16,7          | 31,5 | 16   | 14 | 98,0  | 13,2  | 30/15            |                  |          |                 |       |       |      |      |
| 150                 | 14        | 2 A 30-M 14  | 16,7          | 31,5 | 18   | 16 | 102,0 | 15,0  | 30/15            | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 16        | 2 A 30-M 16  | 16,7          | 31,5 | 19   | 17 | 104,0 | 17,0  | 30/15            |                  |          |                 |       |       |      |      |
| 150                 | 20        | 2 A 30-M 20  | 16,7          | 31,5 | 22   | 20 | 110,0 | 21,0  | 30/15            | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 12        | 2 A 37-M 12  | 19,2          | 35,5 | 16   | 14 | 108,0 | 13,2  | 30/15            |                  |          |                 |       |       |      |      |
| 185                 | 14        | 2 A 37-M 14  | 19,2          | 35,5 | 18   | 16 | 112,0 | 15,0  | 30/15            | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 16        | 2 A 37-M 16  | 19,2          | 35,5 | 19   | 17 | 114,0 | 17,0  | 30/15            |                  |          |                 |       |       |      |      |
| 185                 | 20        | 2 A 37-M 20  | 19,2          | 35,5 | 22   | 20 | 120,0 | 21,0  | 30/15            | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 12        | 2 A 48-M 12  | 21,1          | 39,0 | 16   | 14 | 109,0 | 13,2  | 20/5             |                  |          |                 |       |       |      |      |
| 240                 | 14        | 2 A 48-M 14  | 21,1          | 39,0 | 18   | 16 | 113,0 | 15,0  | 20/5             | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 16        | 2 A 48-M 16  | 21,1          | 39,0 | 19   | 17 | 115,0 | 17,0  | 20/5             |                  |          |                 |       |       |      |      |
| 240                 | 20        | 2 A 48-M 20  | 21,1          | 39,0 | 22   | 20 | 121,0 | 21,0  | 25/5             | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 12        | 2 A 60-M 12  | 23,7          | 44,0 | 20   | 14 | 129,5 | 13,2  | 20/5             |                  |          |                 |       |       |      |      |
| 300                 | 14        | 2 A 60-M 14  | 23,7          | 44,0 | 22   | 16 | 133,5 | 15,0  | 20/5             | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 16        | 2 A 60-M 16  | 23,7          | 44,0 | 22   | 19 | 136,5 | 17,0  | 20/5             |                  |          |                 |       |       |      |      |
| 300                 | 20        | 2 A 60-M 20  | 23,7          | 44,0 | 24   | 23 | 142,5 | 21,0  | 20/5             | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 12        | 2 A 80-M 12  | 27,0          | 51,0 | 22   | 19 | 140,0 | 13,2  | 15/5             |                  |          |                 |       |       |      |      |
| 400                 | 14        | 2 A 80-M 14  | 27,0          | 51,0 | 22   | 19 | 140,0 | 15,0  | 10/5             | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 16        | 2 A 80-M 16  | 27,0          | 51,0 | 22   | 19 | 140,0 | 17,0  | 10/5             |                  |          |                 |       |       |      |      |
| 400                 | 20        | 2 A 80-M 20  | 27,0          | 51,0 | 24   | 23 | 146,0 | 21,0  | 15/5             | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 16        | 2 A 100-M 16 | 30,3          | 56,5 | 22   | 19 | 147,0 | 17,0  | 10/5             |                  |          |                 |       |       |      |      |
| 500                 | 20        | 2 A 100-M 20 | 30,3          | 56,5 | 24   | 23 | 153,0 | 21,0  | 10/5             | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 16        | 2 A 120-M 16 | 33,4          | 61,5 | 22   | 19 | 159,0 | 17,0  | 20/5             |                  |          |                 |       |       |      |      |
| 600-630             | 20        | 2 A 120-M 20 | 33,4          | 61,5 | 24   | 23 | 165,0 | 21,0  | 20/5             | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |
|                     | 800       | 20           | 2 A 160-M 20  | 38,0 | 72,0 | 24 | 23    | 187,0 | 21,0             |                  |          |                 |       |       |      | 12/3 |
| 1000                | 20        | 2 A 200-M 20 | 44,0          | 80,0 | 24   | 23 | 202,0 | 21,0  | 6/2              | TN 120 SE        | HT 45-E  | HT 51           | RH 50 | B 51  | B 55 |      |

2A-M series 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.

The terminals are electrolytically tin plated to prevent atmospheric corrosion. 2A-2M series terminals with double stud hole palm are available against specific requirements.

