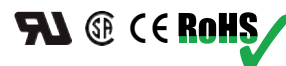


AWM I/II A/B 80°C 300V FT1 FT2 CE



marking example:

SAB BRÖCKSKES · D-VIERSEN · 03242522 DC 300 DS 22 AWG/25c 03242225

AWM Style 2464 80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE

Construction:

| | |
|------------------|--|
| Conductor: | bare copper strands acc. to ASTM B 286 |
| Insulation: | semi-rigid PVC |
| Colour code: | acc. to colour code US 2, see chapter N „Technical data“ |
| Stranding: | in layers |
| Screen: | double screen, alu foil, tinned copper braiding with tinned drain wire (0,22 mm ²) |
| Sheath material: | PVC |
| Sheath colour: | grey (RAL 7032) |

Outstanding features:

- » very good EMC characteristic
- » small outer diameter
- » small bending radius

Technical data:

| | |
|--------------------------------|---|
| Peak operating voltage: | max. 350 V |
| Voltage UL/CSA: | 300 V |
| Testing voltage: | core/core 2000 V core/screen 2000 V |
| Min. bending radius | |
| fixed laying: | 5 x d |
| flexible application: | 10 x d |
| Radiation resistance: | 8 x 10 ⁷ cJ/kg |
| Temperature range | DIN VDE UL/CSA: up to +80 °C |
| fixed laying: | -30/+70 °C |
| flexible application: | -5/+70 °C |
| Fire performance: | flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW1, CSA FT1, FT2 |
| Oil resistance: | acc. to internal standard, see chapter N „Technical data“ |
| Absence of harmful substances: | acc. to RoHS directive of the European Union, see chapter N „Technical data“ |

| item no. | no. of cores x cross section n x AWG | outer-Ø ± 10% mm | copper figure kg/km | cable weight ≈ kg/km |
|----------|--|------------------------|---------------------------|----------------------------|
| 03240228 | 2 x 28 | 4,3 | 8,9 | 21 |
| 03240328 | 3 x 28 | 4,4 | 11,5 | 24 |
| 03240428 | 4 x 28 | 4,6 | 12,4 | 26 |
| 03240528 | 5 x 28 | 4,9 | 13,2 | 30 |
| 03240728 | 7 x 28 | 5,1 | 16,7 | 34 |
| 03241028 | 10 x 28 | 6,0 | 21,1 | 43 |
| 03241228 | 12 x 28 | 6,2 | 22,9 | 47 |
| 03241428 | 14 x 28 | 6,4 | 24,7 | 50 |
| 03241828 | 18 x 28 | 6,9 | 30,0 | 61 |
| 03242528 | 25 x 28 | 7,9 | 38,1 | 75 |
| 03240226 | 2 x 26 | 4,5 | 11,6 | 24 |
| 03240326 | 3 x 26 | 4,6 | 12,9 | 26 |
| 03240426 | 4 x 26 | 4,9 | 14,3 | 30 |
| 03240526 | 5 x 26 | 5,1 | 17,4 | 35 |
| 03240726 | 7 x 26 | 5,4 | 20,1 | 39 |
| 03241026 | 10 x 26 | 6,4 | 26,0 | 50 |
| 03241226 | 12 x 26 | 6,6 | 30,5 | 56 |
| 03241426 | 14 x 26 | 6,8 | 33,2 | 61 |
| 03241826 | 18 x 26 | 7,4 | 40,5 | 75 |
| 03242526 | 25 x 26 | 8,5 | 52,1 | 94 |

| item no. | no. of cores x cross section n x AWG | outer-Ø ± 10% mm | copper figure kg/km | cable weight ≈ kg/km |
|----------|--|------------------------|---------------------------|----------------------------|
| 03240224 | 2 x 24 | 4,7 | 13,3 | 27 |
| 03240324 | 3 x 24 | 4,9 | 15,5 | 30 |
| 03240424 | 4 x 24 | 5,1 | 19,5 | 35 |
| 03240524 | 5 x 24 | 5,5 | 21,7 | 41 |
| 03240724 | 7 x 24 | 5,8 | 27,9 | 48 |
| 03241024 | 10 x 24 | 6,9 | 36,5 | 63 |
| 03241224 | 12 x 24 | 7,1 | 41,0 | 70 |
| 03241424 | 14 x 24 | 7,3 | 45,4 | 77 |
| 03241824 | 18 x 24 | 8,0 | 56,3 | 95 |
| 03242524 | 25 x 24 | 9,3 | 75,9 | 122 |
| 03240222 | 2 x 22 | 5,0 | 15,8 | 31 |
| 03240322 | 3 x 22 | 5,2 | 21,0 | 37 |
| 03240422 | 4 x 22 | 5,5 | 24,5 | 42 |
| 03240522 | 5 x 22 | 5,9 | 29,8 | 51 |
| 03240722 | 7 x 22 | 6,3 | 36,7 | 60 |
| 03241022 | 10 x 22 | 7,5 | 50,9 | 80 |
| 03241222 | 12 x 22 | 7,7 | 57,9 | 90 |
| 03241422 | 14 x 22 | 8,0 | 64,9 | 100 |
| 03241822 | 18 x 22 | 8,8 | 80,9 | 124 |
| 03242522 | 25 x 22 | 10,3 | 109,5 | 164 |

Other dimensions and colours are possible on request.