



Motor cable | ZK4509-0017-zzzz

PUR, orange, drag chain usable, (4x10+(2x1.0)+(2x1.5mm²))

Cable

| Electrical data | |
|---|--|
| Rated voltage | 1000 VAC |
| Insulation resistance | 500 MΩ*km (according to DIN EN 50395) |
| wire resistance (power) | 1.91 Ω/km (according to DIN EN 50395) |
| wire resistance (control) | 19.5 Ω/km and 13.3 Ω/km (according to DIN EN 50395) |
| Dielectric strength wire/wire | 4 kV (according to DIN VDE0472 T.509C) |
| Dielectric strength wire/shield | 4 kV (according to DIN VDE0472 T.509C) |
| Mechanical data | |
| Conductor construction | 19 strands |
| Cross section (power) | 10 mm ² (AWG8) |
| Cross section (control) | 1.0 mm ² and 1.5 mm ² (AWG18 / AWG16) |
| max. Bending radius, moved | 7.5x cable outer diameter |
| max. Bending radius, fixed installation | 4x cable outer diameter |
| Drag chain usable | yes |
| Weight | 850 kg/km (571lb/1000ft) |
| Cable outer diameter | 20.3 mm ±0.4 mm (0.799" ±0.015") |
| Conductor material | Copper, blank |
| Optical covering factor of shielding | ≥85% |
| max. Acceleration | 50 m/s ² |
| max. Speed | 5 m/s |
| torsion angle | ±30 °/m |
| max. Number of cycles | 10 million |
| Wall thickness of wire insulation (power) | 0.7 mm |
| Wall thickness of wire insulation (control) | 0.4 mm |
| Wall thickness of jacket | 1.5 mm |
| Jacket color | orange, DESINA |
| Jacket material | PUR (polyurethane) |
| Wire insulation material | U/L1/C/L+, V/L2, W/L3/D/L-, green-yellow, 5+6, 7+8 |
| Wire insulation material | PP (polypropylene) |
| Printing on the jacket | TS 121 4 G 10 + (2 x 1 C) + (2 x 1,5 C) C E170315 cRUus AWM STYLE 21223 AWM I/II A/B 80°C 1000V FT1 - DESINA - HKW VDE-REG.NR. 8429 order no. CE |
| Printing color | black |
| Environmental data | |
| Operation temperature range, moved | -20°C up to 60°C (-4°F up to 140°F) |

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| Operation temperature range, fixed installation | -40°C up to 80°C (-40°F up to 176°F) |
| UV resistance | yes |
| Oil resistance | yes (according to HD 22.10 Anhang A DIN EN 60811-2-1) |
| Acid, lye and solvent resistance | depends on medium, concentration, temperature and time |
| Other characteristics | RoHS-conform, flame resistant, free from harmful substances, halogen, silicon, CFC |
| Approvals | UL758 AWM-Style 21223 and 10492 |
| Ordering information | |
| ZK4509-0017-zzzz | product sold by meter |