

BASKET CABLES

BASKET SPREADER 730



Construction:

| | |
|--------------------------|--|
| Conductor: | Flexible tinned copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295 |
| Insulation: | rubber EPR special compound |
| Cores color: | black cores with consecutive numbers acc. to EN 50334 + green-yellow |
| Sextuplets: | six cores laid-up with suitable tape and textile filler |
| Central strainer: | aramidic yarns like as support element with a minimum tensile strength of 10 kN |
| Laying up: | short lay length for better flexibility |
| Separation: | special tape |
| Outer sheath: | special CSP compound high, UV resistant, lubricants, water and lubricants resistant. |

Technical data:

| | |
|----------------------------------|--|
| Nominal voltage: | U ₀ /U 300/500 V |
| Max. permissible: | 550 V |
| Test voltage: | 2 kV |
| Temperature range: | |
| Fixed installation: | - 40°C up to +90°C |
| Flexible installation: | - 25°C up to +70°C |
| Temperature at conductor: | |
| in service: | + 90°C |
| in short circuit: | + 250°C |
| Min. Bending radius: | 15 x d |
| Tensile strenght: | 15 N/mm ² with minimum 2000 N |
| Max. speed: | up to 160 m/min. |

Features:

- ▶ Vertical use
- ▶ oil resistant acc. to VDE/IEC standards
- ▶ weather, UV moisture resistant
- ▶ outdoor use
- ▶ for SPEEDS and MINIMUM BENDING RADIUS see pages 1,2,3,4,5,6 of catalogue



| Part no. | No. of cores x cross section n x mm ² | Outer-Ø ca. mm ± 10% | Cable weight approx. kg/km | Tensile strength N | AWG no. *) |
|----------------|--|----------------------------|----------------------------------|--------------------------|---------------|
| 03140D70046M25 | 4x(6x2,5) | 38,5 | 2460 | 900 | 14 |
| 03140D70066M25 | 6x(6x2,5) | 42 | 3240 | 1350 | 14 |
| 03140D70076M25 | 7x(6x2,5) | 46,5 | 3570 | 1575 | 14 |
| 03140D70086M25 | 8x(6x2,5) | 49 | 3980 | 1800 | 14 |
| 03140D70096M25 | 9x(6x2,5) | 51 | 4380 | 2025 | 14 |
| 03140D70046M33 | 4x(6x3,3) | 38,5 | 2670 | 1190 | 12 |
| 03140D70066M33 | 6x(6x3,3) | 42 | 3520 | 1790 | 12 |
| 03140D70076M33 | 7x(6x3,3) | 46,5 | 3950 | 2080 | 12 |
| 03140D70086M33 | 8x(6x3,3) | 49 | 4330 | 2380 | 12 |
| 03140D70096M33 | 9x(6x3,3) | 51 | 4780 | 2680 | 12 |

Other construction and sizes are available on request

BASKET SPREADER 740 (YSLTOE)

Control cable hoisting cages in crane systems

CE

ELETTROTEK KABEL® BASKET SPREADER 740 (YSLTOE)

Construction:

| | |
|-------------------------|--|
| Conductor: | Flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295 |
| Insulation: | PVC type YI2 |
| Cores color: | black cores with consecutive numbers acc. to EN 50334 + green-yellow |
| Suspension unit: | aramid braided with lead |
| Stranding: | cores are twisted to beams with lead cord in the centre |
| Wrapping: | non woven tape |
| Stranding: | harness of twisted wires and lead suspension unit in the centre |
| Wrapping: | non-woven tape |
| Outer sheath: | BLACK PUR compound 11YM1 |

Features:

- ▶ up to 50 mt. suspension length
- ▶ high breaking load of supporting unit
- ▶ UL/CSA on request
- ▶ GOST-R on request
- ▶ Possible constructions: control cables with Bus or Fibre Optics element

Technical data:

| | |
|--|--|
| Nominal voltage: | U ₀ /U 300/500 V |
| Test voltage: | 2 kV |
| Max. permissible operating voltage in AC systems: | U ₀ /U 310/550 kV |
| Max. permissible operating voltage in DC systems: | U ₀ /U 410/825 kV |
| Temperature range | |
| Fixed laying: | - 20°C up to + 60°C |
| Flexible application: | - 20°C up to + 60°C |
| Max. operating temperature on conductor: | + 70°C |
| Short circuit temperature on conductor: | + 150°C |
| Min. Bending radius: | 15 x d |
| Tensile strenght: | max. 15 N/mm ² |
| Max. speed: | max. 160 m./min. |
| Max. torsion: | ± 25°/m |
| Resistance: | Oil resistance: very good acc. to DIN VDE 0282 par. 10 + HD 22.10 Weather resistance: applications in dry, damp and wet rooms as well as in the open-air with a very good resistance against ozone, UV and humidity |



BASKET CABLES

BASKET SPREADER 740 (YSLTOE)

Control cable hoisting cages in crane systems

CE

ELETTROTEK KABEL® BASKET SPREADER 740 (YSLTOE)

YSLTOE-J control cables

| Part no. | No. of cores x cross section n x mm ² | Outer-Ø ca. mm ± 10% | Copper weight approx. kg/km | Cable weight approx. kg/km | AWG no. *) |
|----------------|--|----------------------------|--------------------------------------|----------------------------------|---------------|
| 03150D70481M10 | 48G1 | 32 | 460,8 | 1900 | 18 |
| 03150D70241M25 | 24G2,5 | 30 | 576 | 1650 | 14 |
| 03150D70301M25 | 30G2,5 | 32,6 | 720 | 2050 | 14 |
| 03150D70361M25 | 36G2,5 | 36,2 | 864 | 2350 | 14 |
| 03150D70421M25 | 42G2,5 | 38,5 | 1008 | 3050 | 14 |
| 03150D70481M25 | 48G2,5 | 42,5 | 1152 | 3450 | 14 |
| 03150D70541M25 | 54G2,5 | 47 | 1296 | 3490 | 14 |
| 03150D70201M35 | 20G3,5 | 32,3 | 672 | 2000 | 12 |
| 03150D70241M35 | 24G3,5 | 32,5 | 806,4 | 2080 | 12 |
| 03150D70301M35 | 30G3,5 | 36,6 | 1008 | 2650 | 12 |
| 03150D70361M35 | 36G3,5 | 39,5 | 1209,6 | 3300 | 12 |
| 03150D70421M35 | 42G3,5 | 43,8 | 1411,2 | 4200 | 12 |

Other construction and sizes are available on request

