

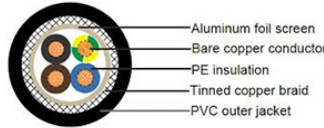


HALLEY CABLES

2YSLCYK-JB 70° C

Control Cables 0.6/1 kV

PE insulated, screened, motor connection cable



Construction:

- Conductor : plain flexible copper wires.
- Insulation : PE compound , TI2.
- Lay-up : cores are laid up in layers of optimum pitch.
- Separator : polyester tape.
- 1. Screen : aluminium polyester tape.
- 2. Screen : braid of tinned copper wires, %80±5 optical coverage.
- Outer sheath : PVC compound, TM5, oil and flame resistant, UV resistant.
- Sheath colour : RAL 9005, black.

Technical data and tests:

- Rated voltage U₀/U : 0,6/1 kV.
- Test voltage (AC 50 Hz) : 4 kV.
- Temperature range : fixed : - 40° C ~ + 70° C.
mobile: - 5° C ~ + 70° C.
- Insulation resistance : min. 20 MΩ/km.
- Min. bending radius : fixed : 7,5 x D.
mobile : 15 x D.
- Mutual capacitance : core/core : 70 ~ 250 nF/km.
core/screen : 110~410 nF/km.
- Insulation resistance : min. 200 MΩ/km.

*EMC - electromagnetic compatibility.

Standards:

- Cable : VDE 0250.
- Conductor : IEC 60228 Class 5;
DIN EN 60228 Class 5.
- Core identification: HD 308 S2 & VDE 0293-308.
- Flame retardant : IEC 60332-1 & EN 50265-2-1.

Applications:

These double screened low capacitance motor supply cable for frequency converters, assure electromagnetic compatibility in plants, buildings, where fields of electromagnetic interference might cause adverse effects on the surroundings. Due to the optimal screening an interference-free operation of frequency converters is obtained. The screen protects against external interference pulses and ensures an interference-free transmission, and transfer impedance is max. 250 Ω/km at 30MHZ.

| DIMENSIONS | | | |
|---|------------------------------|------------------------|-------------------------------|
| No. of cores x cross section mm ² | Approx. outer diameter mm | Copper weight kg/km | Approx. cable weight kg/km |
| 3x120 + 3x16 | 46,6 | 3826 | 5090 |

*ANY OTHER SECTIONS AVAILABLE UPON REQUEST.

