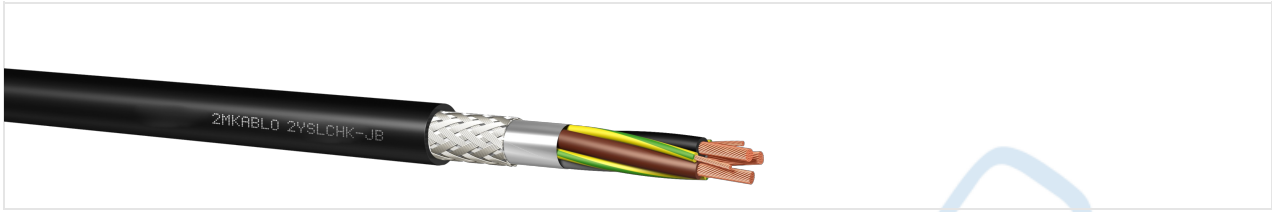


2YSLCHK-JB



Areas of Use

Used in frequency converter controlled motors for control and/or power purposes, and suitable for use in dry, moist, or wet environments in heavy industries. Symmetrical core oriented type provides smaller cross-section for grounding wires. This structure protects the connected system from high-frequency discharge currents. HFFR types are less flammable in case of fire, mostly self-extinguishing, have low smoke density, and do not emit poisonous and corrosive gasses during a fire.

Cable Construction

| | |
|----------------------------|---|
| Conductor | Stranded Annealed Copper (IEC/EN 60228, Class 5) |
| Insulation | PE (Polyethylene) |
| Core Colors | HD 308 S2 |
| Lay-up | 3 power cores twisted together and 3 ground cores arranged symmetrically in the interstices |
| Separator | Al-PET Foil |
| Outer Sheath | Halogen Free Flame Retardant Compound (HFFR/LSZH/LSOH/FRNC), RAL 9005 - Black |
| Screen | Tinned Copper Wire Braid |
| Reference Standards | Based on IEC 60502-1 |

Technical Properties

| | |
|------------------------------------|---|
| Operating Voltage | 0.6/1 kV |
| Test Voltage | 3.5 kV |
| Temperature Range | Operating: -30°C...+80°C, Installation: -10°C...+80°C |
| Smoke Density | IEC 61034-1/2 |
| Corrosive Gases Measurement | IEC 60754-1/2 |
| Min. Bending Radius | 10 x Cable Diameter |
| Flame Retardancy | IEC 60332-1-2, IEC 60332-3-24 |
| Conductor Resistance | IEC/EN 60228 |

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