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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