



2XSLCH-J / 2XSLCHK-J

Application Area

Double-Screened motor power supply cable for frequency converters is used in industrial installations, machine tools, automation technologies, production plants and other equipment operating in wet, dry, damp conditions. 2XSLCH-J is suitable for indoor and 2XSLCHK-J is for outdoor applications. Foil and Copper wire braid screens provide excellent interference-free data and signal transmission in measuring and control technology. HFFR compound has flame retardant and self extinguishing specifications and it is suitable for the areas where the safety requirements for cables are very high.

Cable Construction

Conductor	Flexible Stranded Annealed Copper (IEC/EN 60228, VDE 0295, Class 5)
Insulation	XLPE Compound
Core Stranding	In layers
Double-Screen	1st Al/PET foil 2nd tinned copper braid
Outer Sheath	Halogen Free Compound (EN 50363-8 / IEC 60754-1)
Colours	Outer Sheath: Grey or Black. Other colours on request Core Colours: Colored cores according to VDE 0293

Technical Characteristics

Operating Voltage	600/1000 V
Test Voltage	4000 V
Temperature Range	Fixed: -40 °C+80 °C, Flexible: -5°C+70 °C
Flame Retardancy	DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2
Halogen Free	VDE 0482-754-2 / DIN EN 60754-2 / IEC 60754-2
Min. Bending Radius	Fixed: up to 12 mm: 5x and up to 20 mm : 7,5x Cable Diameter Flexible: up to 12mm Ø: 10x and up to 20mm Ø: 15x Cable Diameter

No. of cores x cross section n x mm ²	Outer-ø ± 5% mm	Cable weight = kg/km
4 G 1,5	11,4	230
4 G 2,5	12,4	300
4 G 4	15,6	485
4 G 6	17,0	630
4 G 10	19,6	860
4 G 16	21,6	1290
3x1,5+3G0,25	11,4	140
3x2,5+3G0,50	12,2	220
3x4+3G0,75	14,4	323
3x6+3G1	15,7	420
3x10+3G1,50	18,0	615
3x16+3G2,50	20,2	819