REXEL CABLE SOLUTIONS

MPN: 6943LSH-1.5

Product Name: 6943LSH-1.5 1.5mm² Black LSZH/SWA/Basec Cable 3-Core 1m

Brand: Commodity Cables

Category: Steel Wire Armoured (SWA)

Product Description: 3-core, 1.5 mm SWA armoured cable with XLPE insulation and Low Smoke Zero Halogen (LSZH) sheath. Produced to BS 6724, the cable is particularly robust and well suited to areas at risk of mechanical damage, including industrial wiring and mains distribution applications where thick black smoke and acid gas emission would pose a major hazard during a fire.

Key Features:

- Cable Size: 1.5mm²
- No. of cores: 3
- CPR Compliant
- BASEC-Approved
- Material: LSZH

Specifications:

- Designation voltage U0/U (kV) 0,6/1
- Diameter of conductor (mm): 1.6
- Maximum D.C. resistance at 20 °C (ohm/km) 12.1
- Short-circuit temperature (°C) 250

ETIM Class-9.0: Power cable >= 1 kV, for fixed installations (EC003251)

ETIM Features:

- Conductor material: Copper (EV000138)
- Conductor surface: Bare (EV000899)
- Nominal cross-sectional area of conductor (mm²):1.5
- Conductor category: Class 2 = stranded (EV004200)
- Shape of conductor: Round (EV000167)
- Number of cores:3
- Core insulation material: Polyolefin (EV001108)
- Specification core insulation: Other (EV000154)
- Core identification: Colour (EV000207)
- Screen: No
- Lead sheath: No
- Concentric conductor: None (EV000494)
- Sheath material: Polyolefin (EV001108)
- Sheath material specification: Other (EV000154)
- Sheath colour: Black (EV000206)
- Halogen free according to IEC 60754-2: No
- Outer diameter approx. (mm):11.2
- Max. conductor temperature (°C):90
- Permitted cable outer temperature during assembling/handling (°C):0 - 80
- Nominal voltage U0 (kV):600
- Nominal voltage U (kV):1000

Applications:

- Power distribution in buildings, industrial plants, and infrastructure projects
- Underground installations in ducts, tunnels, and direct burial applications
- Industrial automation systems for control and instrumentation circuits
- Renewable energy projects such as solar farms and wind power installations
- Marine and offshore applications including shipbuilding and offshore platforms
- Transportation infrastructure projects like railway networks, subway systems, and airports

Standards:

- BS 6724

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