SPIRAL H07BQ-F BLACK

Black, robust PUR spiral cable with high recoiling forces

Robust; Wide application range; Cost-effective

- Heavy construction type
- Outer sheath: PUR, with high recoiling forces

CE

RoHS

Product description

Application range

- Construction of engines and appliances with flexible power connections as well as at dockyards
- Construction of machinery and powered doors
- Measurement and control technology
- Any commercial/industrial/agricultural facility: connection of tools, appliances and mobile motors
- Increased tensile and abrasion requirements, can be used in damp and wet environments (but no submersion)

Benefits

- Robust
- Wide application range
- Cost-effective

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Product Make-up

- Tinned stranded copper wire of braided conductor class 5 according to IEC 60228/VDE 0295
- Core insulation: EI6 rubber according to EN 50525-1 & EN 50363-1/ VDE 0207-363-1; coloured according to HD 308/VDE 0293-308; VDE and HAR marking of the unspiralled H07BQ-F (sold by the metre) as the basic material for the spiralling
- Use of talcum
- Black, outer PUR sheath made of TMPU according to EN 50525-2-21; marking "H07BQ-F ..."
- For the 4 standard solid lengths available, please see the article table below
- Radial outflow shape at cable ends - length of ends: 200 mm at the first end/600 mm at the other end
- Versions with other solid lengths, end lengths and end forms available on request

Norm references / Approvals

- Based on EN 50525-2-21 H07BQ-F
- The spiralling modifies the properties of the longish, -certified H07BQ-F cable (sold by the metre) such that certain technical requirements stipulated by the H07BQ-F standards are no longer complied with following spiralling. As a result, the H07BQ-F design certification of the longish H07BQ-F cable, also identifiable on the spiral cable, is no longer valid in conjunction with the spiralled piece good design of the “SPIRAL H07BQ-F BLACK”. This is a completely natural, logical consequence of the spiralling processing steps.

Product features

- Black, robust outer PUR sheath
- High tensile strength and abrasion-resistance
- High restoring forces
- Resistant to microbes, solvents and certain fuels
- Hydrolysis-resistant

Technical Data

Core identification code	Coloured according to VDE 0293-308 (HD 308)
Conductor stranding	Fine wire according to IEC 60228/VDE 0295, class 5 tinned strands
Minimum bending radius	Flexible use: 12.5 x outer diameter
Nominal voltage	U_0/U: 450/750 V
Test voltage	3000 V
Protective conductor	G = with GN-YE protective conductor
Temperature range	-25 °C to +50 °C (spiralled)