



NSHTÖU

Drum cable for heavy duty

Konstrukce

- Stranded tinned copper conductor according to DIN VDE 0295 and IEC 60228 cl. 5
- Rubber core insulation
- Cores color coding according to DIN VDE 0293 or from 6 cores and more black cores with repeated white numbering
- Supporting tensile organ
- Textile tape
- Textile wrapping embedded in inner filling serves as protection against torsion
- Neoprene sheath, color black
- Self-extinguishing and flame resistant PVC, according to DIN VDE 0482-332-1-2/IEC 60332-1-2

Použití

Drum cables are used for high mechanical stress, especially with frequent winding and unwinding and simultaneous twisting with torsional stress for construction machines, conveyor-belts and cranes. These cables are used as stable and weather resistant cables for extreme conditions in mining and handling devices, locomotives etc. Due to the neoprene outer sheath, the cable is resistant to ozone and UV radiation, oils, acids, fats, petrols, solvents and chemicals. This cable-type is ideal for outer installation in dry, moist and wet areas.

Technická data

- Special crane-drum cables according to DIN VDE 0250 part 814
- Temperature range flexing from -25°C to +80°C; fixed from -40°C to +80°C
- Nominal voltage U₀/U 0,6/1 kV
- Max. permitted nominal voltages for a.c. U₀/U 0,7/1,2 kV, for d.c. 1,8 kV
- Test voltage a.c. 2500 V
- Insulation resistance min. 10 MΩ x km
- Minimum bending radius 10 x cable diameter
- Radiation resistance up to 20 x 10⁶ cJ/kg (up to 20 Mrad)

Popis produktu

Note:

- During installation and operation the tensile stress cannot exceed 20 N/mm²
- Max. premissible running speed when winding 120 m/min
- After unwinding, 1 to 2 convolutions should remain on the drum
- In case of high mechanical stress, especially high expansive stress results in high acceleration therefore max. permitted load must be defined in advance
- Conforms to RoHS.

CE mark: 2011/65/EU, 2002/95/EC, 2006/66/EC, 2002/25/EC, 2009/107/EC, 2006/12/EC, 2002/96/EC, 2002/46/EC, 2002/68/EC, 2002/70/EC, 2002/71/EC, 2002/72/EC, 2002/73/EC, 2002/74/EC, 2002/75/EC, 2002/76/EC, 2002/77/EC, 2002/78/EC, 2002/79/EC, 2002/80/EC, 2002/81/EC, 2002/82/EC, 2002/83/EC, 2002/84/EC, 2002/85/EC, 2002/86/EC, 2002/87/EC, 2002/88/EC, 2002/89/EC, 2002/90/EC, 2002/91/EC, 2002/92/EC, 2002/93/EC, 2002/94/EC, 2002/95/EC, 2002/96/EC, 2002/97/EC, 2002/98/EC, 2002/99/EC, 2002/100/EC, 2002/101/EC, 2002/102/EC, 2002/103/EC, 2002/104/EC, 2002/105/EC, 2002/106/EC, 2002/107/EC, 2002/108/EC, 2002/109/EC, 2002/110/EC, 2002/111/EC, 2002/112/EC, 2002/113/EC, 2002/114/EC, 2002/115/EC, 2002/116/EC, 2002/117/EC, 2002/118/EC, 2002/119/EC, 2002/120/EC, 2002/121/EC, 2002/122/EC, 2002/123/EC, 2002/124/EC, 2002/125/EC, 2002/126/EC, 2002/127/EC, 2002/128/EC, 2002/129/EC, 2002/130/EC, 2002/131/EC, 2002/132/EC, 2002/133/EC, 2002/134/EC, 2002/135/EC, 2002/136/EC, 2002/137/EC, 2002/138/EC, 2002/139/EC, 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