KCINDUSTRIE

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UNI EN ISO 9001-2015 Certified Company

Data Sheet

K-DRUM 3000 P POWER

Description :	Low voltage flexible reeling multi cores power supply and control cables, insulated with special polymer and double jacketed with PUR with high-tensile yarns braiding, manufactured for working voltage of 600/1000V.
Design:	
Construction :	Extra Flexible bare copper conductors according to CEI 20-29 Class 6 and DIN-VDE 0295 K6 Special modified Polypropylene based insulation compound Black numbered coded cores with or without GY core Central textile carrier element Nonwoven tape over each layer Special PUR inner sheath compound Open high-tensile yarns braiding Special PUR outer sheath, matt and low adhesive surface
Manufacturing's Controls:	Test and Control according to our certificated **ISO 9001-2015** CSQ-IMQ (EQ-NET) Quality System procedure. Labor tests reports are stored in our internal Q.C. laboratory archive together with the production reports
Norms :	Halogen-free according to IEC 60754-1 (amount of halogen acid gas) High oil-resistance - Abrasion and notch-resistant - Low-adhesive surface Resistant to hydrolysis and microbes Ozone resistant according VDE 0472 part 805 and UV resistant according HD 605 A1 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE
Technical dates :	• Nominal voltage : 600/1000 V • Spark Test voltage : 6000 V • Working temperature : Flexing: -40°C to +80°C Fixed installation: -50°C to +90°C • Minimum bending radius : For flexible use: 8 x outer diameter Fixed installation: 4 x outer diameter
Use :	This cable can be used wherever cables are exposed to wear and tear under extreme conditions, it's suitable for use as trailing cable in hoists, transporting machines, and conveyors. Suitable in dry, moist and wet rooms and for outdoor installation where continual reeling and unreeling of the cable happens. Resistant against almost all mineral oils, microbes and very resistant against wear and tear because of high abrasion resistance. Manufactured free of substances harmful to lacquer (LB-free / silicone free)

01 August 2019