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Data Sheet

K-SERVO 3500 9Y CP UL CSA

Description :	UL AWM approved, EMC-compliant, Low capacity screened motor connection cable with black coded cores, 0.6/1kV.
Design:	
Construction :	Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5 Special PP Thermo-Plastic insulation compound Black coded cores (U/L1/C/L+ ; V/L2 ; W/L3/D/L) + GY core Polyester Tape Tinned copper wires braiding with coverage 85% Flame Retardant 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:	High oil-resistance according EN 60811-1-2:1995 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 Halogen-free according to IEC 60754-1 (amount of halogen acid gas) According to UL styles 20940 and CSA-AWM I A/B II A/B The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE
Technical dates :	• Nominal voltage : 1.000V. • Spark Test voltage : 6000 V • Working temperature: Occasional flexing: -5°C to +80°C Fixed installation: -40°C to +80°C • Minimum bending radius Occasional flexing: 20 x outer Ø Fixed installation: 6 x outer Ø
Use :	Servo motors cables are suitable wherever drives form a single unit together with cable, frequency converter and motor, and the potential for electromagnetic interference is high because of this. Suitable for Automotive systems, Machine tool manufacturing, Production plants. This cable can be installed outdoors with UV protection only and in observance of the temperature range. It is suitable for fixed installation, but also for flexible applications under conditions of sporadic, not continuously returning movement on/in machinery, appliances, rail vehicles, ventilation and air-conditioning systems, office machines, industrial plants with medium mechanical stress without tensile load or compulsory guidance.

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