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Data Sheet

K-FLEX 3000 CY UL CSA

Description :	EMC-compliant, American and Canadian Control and Power Cables manufactured according to UL AWM Style 2587 and CSA AWM I A/B II A/B.
Design:	
Construction :	Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5 PVC Insulation compound according to UL 1581 - Black numbered cores + green yellow core. Inner jacket in special PVC according to UL 1581 Tinned copper screening with coverage 85% ± 5% Outer sheath in special PVC according to UL 1581
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 :	Flame retardant, Test method B according to DIN VDE 0472 part 804, IEC 60332-1, IEC 60332-3C and CSA FT1 According to UL styles 11008 - 2587 and CSA-AWM I A/B II A/B According to our VDE Reg. Nr. 7097 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE
Technical dates :	• Nominal voltage : 600 V • Spark Test voltage : 6000 V • Working temperature : Occasional flexing: -5°C to +90°C Fixed installation: -40°C to +90°C • Minimum bending radius For Occasional flexing: 20 x outer Ø Fixed installation: 6 x outer Ø
Use :	This cable is suitable as link and connection control cable, for machine tools, conveyor belts and plants, production lines, measuring and automatic control and computer units, equipment constructions, power stations, cooling and data processing systems, office machines. Predominantly installed in dry, damp or wet rooms at normal stress. If considering the temperature range and the UV protection it can be used outdoors too and is suitable for free, not continuously returning movement without tensile stress or compulsory guidance as well as for fixed laying. The copper braid serves as electromagnetic screen between the internal electric circuits and the environment.

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