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Data Sheet

K-WIND 3000 UL CSA

Description:	UL and CSA, oil resistant, power supply and control cables for flexible use under torsional load - 0.6/1 Kv.
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Construction:	Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5 PVC Insulation compound type **TI3** according to CEI 20-11, VDE 0207 and UL 1581 90°C Black numbered cores + G.Y. Special oil resistant outer jacket PVC compound **TM5** according to CEI 20-11 and VDE 0207 and 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:	Self-extinguishing, test method B according to DIN VDE 0472 part 804, IEC 60332-1, UL 1581 section 1060 (Vertical Flame and FT1 Test) Reduced Fire Propagation according to IEC 60332-3-24 Oil-resistant according to EN 50363-4-1: TM5 According to UL style 21179 and cUL AWM I A/B, cUL AWM II A/ The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE
Technical dates:	• Nominal voltage : IEC/VDE: U0/U 0.6/1 kV ac UL/CSA: 1000 V • Spark Test voltage: 6.000 V • Working temperature: Flexible use: -10°C to +90°C Fixed installation: -40 °C to +90 °C • Minimum bending radius Flexible use: 10 x outer Ø Fixed installation: 4 x outer Ø • Torsion-resistant up to ±150°/m
Use:	This power and control cables are especially suitable for fixed and flexible installations, as well as for applications with torsional movements (e.g. machinery, wind turbines). Very suitable for installation in the drip-loop, between the rotating nacelle and the stationary windmill tower, to connect the generator to the control units. Suitable in dry, damp and wet interiors (including water-oil mixtures).

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