



K-PLUS 8100 P POWER UL CSA

Description : American and Canadian approved, increased oil-resistant, control and power supply single core cables, for use In power chains or moving machine parts.

Design:



Construction : Extra Flexible bare copper conductors according to CEI 20-29 Class 6, DIN-VDE 0295 K6, IEC 60228 Cl.6 and UL 83 standard
 Special PVC Insulation compound type TI3 UL 80°C 758
 Black Green Yellow or other colour coded core
 Outer sheath in special PUR FHF type according UL 80°C 758

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 : S Self-extinguish according to test method B IEC 60332-1
 Flame retardant rating UL FT2
 High oil-resistance - Abrasion and notch-resistant - Low-adhesive surface
 Resistant to hydrolysis and microbes
 According to UL styles 11624 and CSA-AWM I A/B
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :	<ul style="list-style-type: none"> • Nominal voltage: 1.000 V • Spark Test voltage: 10.000 V • Fixed installation working temperature: -40°C to + 90°C • Flexing working temperature: -5°C to + 90°C • Fixed installation minimum bending radius = 6 x cable Ø • Chain installation minimum bending radius = 15 x cable Ø • Max Speed Unsupported 3 m/s gliding 2 m/s • Max Acceleration 20 m/s²
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Use : These power single core cables are especially suitable for export-orientated machinery. In power chains or moving machine parts. This cable can substitute multi-core power cables where space requirements or minimum bending radii cause problems.
 Designed for 3 million alternating bending cycles and horizontal travel distances up to 10 meter.
 It can be used also in fix or occasional flexing installation, in dry, damp and wet interiors.