



K-PLUS 8500 CY UL CSA

Description : Chain application American and Canadian control and power cable with screen manufactured according to UL AWM Style 2587 and CSA AWM I A/B II A/B.

Design:



Construction : Extra Flexible bare copper conductors according to CEI 20-29 Class 6 DIN-VDE 0295 K6 and IEC 60228 Cl.6
 Reinforced PVC Insulation compound according to UL 1581
 Black numbered cores + GY core
 Nonwoven tape over each layer
 Tinned copper screening with coverage 85% ± 5%
 Nonwoven tape
 Outer sheath in special PVC TM2 - UL 758 90°C

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 style 2587 and CSA-AWM I A/B II A/B
 Oil resistant according: DIN EN 50290-2-22 TM54.
 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 : Flexing: -0 °C to +90 °C
 Fixed installation: -40 °C to +90 °C
- Minimum bending radius : Flexing: 8 x outer Ø
 Chain: 10 x outer Ø
- Max Speed Unsupported 3 m/s
 gliding 2 m/s
- Max Acceleration 20 m/s²

Use : UL and CSA approved Control Cable especially for European and American markets.
 Designed for 5 million alternating bending cycles and horizontal travel distances up to 10 meter. In dry, damp or wet interiors. Suitable for use in measuring, control and regulating circuits so as in wiring of machines, tools, devices, appliances and control cabinets. Only for outdoor use within the indicated operating temperature range, with UV-protection