



K-PLUS 8600 CY UL CSA

Description : Drag Chain application, EMC compliant, Increased oil-resistant Control and Power supply shielded single core cables, conforming to UL AWM Style 10107 and CSA AWM I A/B.

Design:



Construction : Extra Flexible bare copper conductors according to CEI 20-29 Class 6, DIN-VDE 0295 K6 and UL 83 standard
 Special PVC Insulation compound type TI3 UL 90°C 758
 Nonwoven tape
 Tinned copper wires braiding with coverage of 85%
 Nonwoven tape
 Outer sheath in special PVC TM3 type according UL 90°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 : Flam retardant, Test method B according to DIN VDE 0472 part 804, IEC 60332-1 and UL VW-1
 UL and CSA recognized according to AWM style 10107
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage: 600 V
- Spark Test voltage: 6000 V
- Fixed installation working temperature: -40°C to + 90°C
- Occasional 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

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 5 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.