



K-PLUS 3000 UL CSA

Description : American and Canadian high mechanical resistance, multi cores control cable with special PVC insulation and PUR jacket, working voltage 300/500 V.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5 and IEC 60228 Cl.5

PVC Insulation compound type **TI1** according to CEI 20-11 and VDE 0207 and UL 1581 with special mechanical resistance.

Black numbered cores with or without green yellow core

Special Flame Retardant PUR outer sheath, matt and low adhesive surface

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 and IEC 60332-1

High oil-resistance - Abrasion and notch-resistant - Low-adhesive surface

Resistant to hydrolysis and microbes

Ozone resistant according VDE 0472 part 805 and UV resistant according HD 605 A1

According to UL styles 11008 - 20940 and CSA-AWM I A/B II A/B

Flame retardant according with the UL Horizontal Flame test and CSA FT1.

The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :	<ul style="list-style-type: none"> • Nominal voltage : 300/500V • Spark Test voltage : 3000 V • Specific insulation resistance: > 20 GOhm x cm • Working temperature : Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C • Minimum bending radius Flexible use: 12.5 x outer Ø Fixed installation: 4 x outer Ø
--------------------------	---

Use : K-PLUS 3000 UL CSA can be used wherever cables are exposed to wear and tear under extreme conditions. Can only be used outdoors if the temperature range is observed.

For free, non-recurring movement without tensile load or compulsory guidance.

The minimum external diameter reduces the space required for the cable.

Resistant against almost all mineral oils, microbes and very resistant against wear and tear because of high abrasion resistance.

Manufactured free of substances harmful to lacquer (LB-free / silicone free) and is therefore suitable for use in lacquering shops