



K-PLUS 3000 H.F. UL

Description : American and Canadian Halogen Free Control high mechanical resistance, multi cores control cable with special Polyolefin insulation and PUR jacket, working voltage 600 V.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
Halogen Free FRPE insulation compound according to UL 1581 and HD 21.14 S1 type TI6
Black numbered cores with or without green yellow core
Special 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 10615 - 20940

Halogen-free according to IEC 60754-1

Corrosiveness of combustion gases according to IEC 60754-2

Low smoke density according to IEC 61034

Flame retardant according with the UL Horizontal Flame test.

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

Technical dates :

- Nominal voltage : 600 V
- Spark Test voltage : 6000 V
- Specific insulation resistance: > 20 GOhm x cm
- Working temperature : Occasional flexing: -15°C to +75°C
Fixed installation: -40°C to +75°C
- Minimum bending radius Occasional flexing: 15 x outer Ø
Fixed installation: 4 x outer Ø

Use : This cable 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. Environmentally friendly it's particularly suitable where human and animal life as well as valuable property are exposed to high risk of fire hazards

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