



K-PLUS 3015 ECO

Description : High mechanical resistance multi cores control cable with special PVC insulation and PUR based jacket compound, working voltage 300/500 V.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5 PVC Insulation compound type **TI1** according to CEI 20-11 and VDE 0207 with special mechanical resistance. - Black numbered cores with or without green yellow core Special PUR based outer sheath compound, 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
Good oil-resistance - Abrasion and notch-resistant - Low-adhesive surface
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- 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 3015 ECO 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 and it isn't exposed to the direct water contact.
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