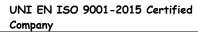


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Data Sheet











K-PLUS 8100

Description: Power supply and control single core cables, for use in drag chains or moving machine parts

application, PVC insulated and sheathed for working voltage till 0,6/1KV and temperature till

80°C.

Design:



Construction: Extra Flexible bare copper conductors according to CEI 20-29 Class 6 and DIN-VDE 0295

K6

PVC Insulation compound type TI1 according to CEI 20-11 and VDE 0207 with special

mechanical resistance

Black or Green Yellow core

Nonwoven tape

Outer jacket in PVC TM2 according to CEI 20-11 and VDE 0207

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

Based on IEC 60502

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

Technical dates:

Nominal voltage: 600/1000 V

• Spark Test voltage: 6000 V

• Working temperature: Flexing: $0^{\circ}C$ to +70 $^{\circ}C$ Fixed installation: -40 $^{\circ}C$ to +80 $^{\circ}C$

Minimum bending radius:
For flexible use: 8 x outer diameter

Final installation An anton dismost an

Fixed installation: 4 x outer diameter

Use:

This power single core cable is suitable in power chains or moving machine parts. This cable can substitute multi-core power cables where space requirements or minimum bending radius

Designed for 3 million alternating bending cycles and horizontal travel distances up to 10

meters.

cause problems.

It can be used also in fix or occasional flexing installation, in dry, damp and wet interiors.