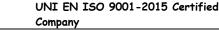


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Data Sheet











K-PLUS 9609 CP CHAIN

Description: EMC compliant, increased oil-resistant, control and power supply single core cables, for use In

power chains or moving machine parts.

Design:



Construction: Extra Flexible bare copper conductors according to CEI 20-29 Class 6, DIN-VDE 0295 K6,

IEC 60228 Cl.6.

Polypropylene insulation compound according VDE 0250, Part 215, type 9YI2 and CEI-EN

60811-4-2

Black, Green Yellow or other colours coded core

Nonwoven tape

Tinned copper screening with coverage $85\% \pm 5\%$

Nonwoven tape over the outer layer

Special halogen-free, partly 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: High oil-resistance - Abrasion and notch-resistant - Low-adhesive surface

Resistant to hydrolysis and microbes UV resistant according HD 605 A1

Halogen-free according to IEC 60754-1 (amount of halogen acid gas)

Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)

Low smoke density according to IEC 61034

Flame-retardant according to IEC 60332-1-2, CSA FT2, UL HB

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

Technical dates :

Nominal voltage:

 Spark Test voltage:
 Fixed installation working temperature:
 Flexing working temperature:
 Fixed installation minimum bending radius
 Chain installation minimum bending radius
 To x cable Ø

• Max Speed Unsupported 3 m/s

Max Acceleration
 gliding 2 m/s
 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 3 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. (including water-oil mixtures).