



K-PLUS 7500 CY MTW UL

Description : Drag chain application, EMC compliant, increased oil-resistant screened Control and Power Cables conforming to NFPA 79 2007 wiring norms and "National Electrical Code" Art. 310, 610, 620 manufactured according to UL 1063 (MTW).

Design:



Construction :

- Cores construction type A according UL 1063
- Extra flexible bare copper conductors according to CEI 20-29 Class 6, DIN-VDE 0295 K6 and UL 83 standard
- Special PVC Insulation compound type QMTT2
- Nonwoven tape over each layer
- Tinned copper wires braiding with coverage of 85%
- Nonwoven tape
- Outer sheath in special PVC according to UL 1277 and UL 1063

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 : Flammability of Cable according category FT4/IEEE of Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables, UL 1685 standard.
 Construction according to UL 1063 (Oil-resistant according to UL OIL RES I and Water-resistant, UL Wet Approval 75 °C)
 American and Canadian UL recognized according to UL AWM styles 10012 and 2587 and CSA AWM I/II A/B
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage: 600 V
- Spark Test voltage: 6000 V
- Fixed installation working temperature: -40°C to + 90°C
- Occasional flexing working temperature: -5°C to + 90°C
- Fixed installation minimum bending radius = 4 x cable Ø
- Chain flexing application min. bending radius = 7,5 x cable Ø

Use : Efficient stocking! These control cables are especially suitable for export-orientated machinery. Designed for 5 million alternating bending cycles and horizontal travel distances up to 10 meter. Suitable to be used in dry, damp and wet interiors (including water-oil mixtures). Machine tools compliant with UL MTW (Machine Tool Wiring) acc. to "National Electrical Code" Art. 310, 610, 620