



K-FLEX 7500 CY MTW UL

Description : 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
- Flexible bare copper conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5 and UL 83 standard
- Special PVC Insulation compound type QMTT2
- Polyester tape
- Tinned copper screening with coverage $85\% \pm 5\%$
- Outer sheath in special PVC according to 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)

According to CSA 239-09 Standard for Control and Instrumentation Cables

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 $+90^{\circ}\text{C}$
- Occasional flexing working temperature: -5°C to $+90^{\circ}\text{C}$
- Fixed installation minimum bending radius = $6 \times \text{cable } \varnothing$
- Occasional flexing minimum bending radius = $20 \times \text{cable } \varnothing$

Use : Efficient stocking! These control cables are especially suitable for export-orientated machinery. It is suitable for control equipment on machine tools subjected to medium mechanical stresses, for fixed or flexible installation, where free movement is required without tensile stresses and without forced guidance systems, 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