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Data Sheet

K-FLEX 5000 CY H05VVC4V5-K UL CSA

Description :	European, American and Canadian approved oil-resistant screened Control Cables according to HD 21.13 S1, UL AWM Style 2587 and CSA AWM I A/B II A/B.
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, VDE 0207 and UL 1581 - Black numbered cores + G.Y. Inner jacket in special PVC **TM2** according to CEI 20-11 and VDE 0207 and UL 1581 Tinned copper screening with coverage 85% ± 5% Outer jacket in special PVC **TM5** according to CEI 20-11 and VDE 0207 and UL 1581
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 :	According to <HAR> HD 21.13 S1, UL style 2587 and CSA-AWM I A/B II A/B Flam retardant, Test method B according to DIN VDE 0472 part 804, IEC 60332-1 and CSA FT1 Oil-resistant according to HD21.1: TM5 and UL 1581 Class 43 High degree of screening low transfer impedance (max. 250 Ohm/km at 30 MHz) The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE
Technical dates :	• Nominal voltage : <HAR> 300/500 V UL-CSA 600 V • Spark Test voltage : 3000 V • Working temperature : Occasional flexing: HAR: -5°C to +70°C UL/CSA: -5°C to +90°C Fixed installation: HAR: -40°C to +70°C UL/CSA: -40°C to +90 °C • Minimum bending radius Occasional flexing: 20 x outer Ø Fixed installation: 6 x outer Ø
Use :	Efficient stocking! These control cables are especially suitable for export-orientated machinery, plant and equipment manufactures and combine three approvals HAR, UL and CSA and can therefore be used worldwide. These inexpensive cables make work easy, facilitate economic stocking and thus speeds up the export orders. 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), but not outdoors.

06 August 2019