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Data Sheet

K-FLEX 2000 H.F

Description :	Halogen Free multi-conductors connecting and control cable with colour code cores
Design:	
Construction :	Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5 Halogen free insulation compound type **TI6** according to HD 21.14 S1 annex A Colour coded as per VDE 0293 Halogen free jacket compound type **TM7** according to HD 21.14 S1 annex B
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 according to IEC 60332-1-2 (flame spread on a single cable) No flame-propagation according to IEC 60332-3-24 respectively IEC 60332-3-25 (Flame spread on vertical cable or wire bundle) 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 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE
Technical dates :	• Nominal voltage : 300/500V • Spark Test voltage : 3000 V • Working temperature : Occasional flexing: -15°C to +70°C Fixed installation: -40°C to +70°C • Minimum bending radius Occasional flexing: 15 x outer Ø Fixed installation: 4 x outer Ø
Use :	Environmentally friendly, halogen-free Power Connecting and Control Cable especially for electrical equipment and installations in industrial environments, dry or damp interiors. Suitable for fixed installation under medium mechanical load conditions as well as for flexing application at free, non-continuously recurring movement without tensile load or compulsory guidance. Outdoor use with UV-protection only, considering the temperature range. Particularly suitable where human and animal life as well as valuable property are exposed to high risk of fire hazards.

02 August 2019