




K-FLEX 3600 C H.F. POWER CPR Cca

Description :	EMC-compliant, Halogen Free, Power Supply single core cable for working voltage till 600/1000 V.
Design:	
Construction :	<p>Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE0295 K5 Halogen free insulation compound type TI6 according to HD 21.14 S1 annex A Black or Yellow Green cores. Possible also other colors Polyester tape Tinned copper screen with coverage 85% Halogen free jacket compound type TM7 according to HD 21.14 S1 annex B</p>
Manufacturing's Controls:	<p>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</p>
Norms:	<p>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 CPR classification: Cca, s1, d1, a1 (It satisfies the non-flame propagation test, with the requirement of non-fire propagation and with emitted heat limits for this class). The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE</p>
Technical dates :	<ul style="list-style-type: none"> • Nominal voltage : 600/1.000V • 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: 20 x outer Ø Fixed installation: 6 x outer Ø
Use :	<p>Environmentally friendly, halogen-free Control Cable especially in industrial and/or EMC-critical environments. For fixed installation as well as for flexible application at free, non-continuously recurring movement. Particularly where human and animal life as well as valuable property are exposed to high risk of fire hazards</p>