



K-FLEX 3600 C H.F POWER

Description : EMC Compliant Halogen-free, flame-retardant screened power supply and control single core cable Nominal voltage 0,6/1kV

Design:



Construction : 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 Green Yellow core
 Tinned copper screen with coverage 85% over polyester tape
 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: Self extinguish according to test method B IEC 60332-1
 Flame-resistant according to IEC 60 332.3A
 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
 UV and weather-resistant according to ISO 4892-2
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 600/1.000V
- Spark Test voltage : 6000 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 : Environmentally friendly, halogen-free Power supply and Control single core 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