



K-FLEX A05Z1Z1-F

Description : Halogen Free multi-conductors connecting and control cable with black numbered or special colour code cores working voltage 450/750 V.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5 and IEC 60228 Cl.5
Halogen free insulation compound type **TI6** according to HD 21.14 S1 annex A
Colour coded cores from 1 to 5 cores
Black numbered cores + GY over 5 cores
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
In derogation to HD 21.14 S1 standard
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 450/750V
- Spark Test voltage : 3000 V
- Working temperature : Occasional flexing: -15°C to +70°C
Fixed installation: -40°C to +80°C
- Minimum bending radius Occasional flexing: 15 x outer Ø
Fixed installation: 4 x outer Ø

Use : K-FLEX A5Z1Z1-F cables are used in applications as extension and connecting cables for electrical devices, appliances and machinery, where plugs must be permanently connected to the corresponding cable.
Particularly suitable where human and animal life as well as valuable property are exposed to high risk of fire hazards.