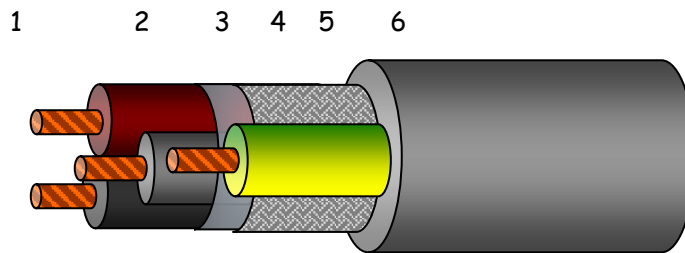
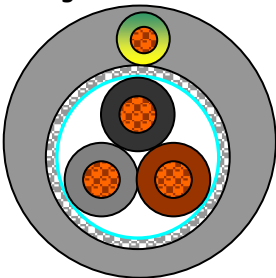




K-FLEX 2501 EMC

Description : EMC-compliant, Shielded Power supply cable for power supply of AC motors with inverter.

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 and VDE 0207 - Colour code according to DIN VDE 0293
 Polyester Tape
 Tinned copper wires braiding with coverage 85%
 Ground wire
 PVC outer sheath compound type TM2 according to CEI 20-11 and VDE 0207

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: Flam retardant, Test method B according to IEC 60332-1
 Adapted to DIN VDE 0245 and 0281
 Fire retardant as IEC 60332-3A - CEI 20-22 II and NBN C30-004, cat. F2
 Oil-resistant according to EN 50290-2-22:2001 (TM54)
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 600/1000V
- Spark Test voltage : 5000 V
- Working temperature : Occasional flexing: -5°C to +70°C
 Fixed installation: -40°C to +80°C
- Minimum bending radius : Occasional flexing: 20 x outer Ø
 Fixed installation: 8 x outer Ø

Use : The cable K-FLEX 2501 EMC is a oil resistant shielded cable used in all those applications as A.C. motors power supply with inverter or with frequency ballasts variable is required. The ground wire is placed outside the screen, because it could become a possible carrier of current made by the power conductors.