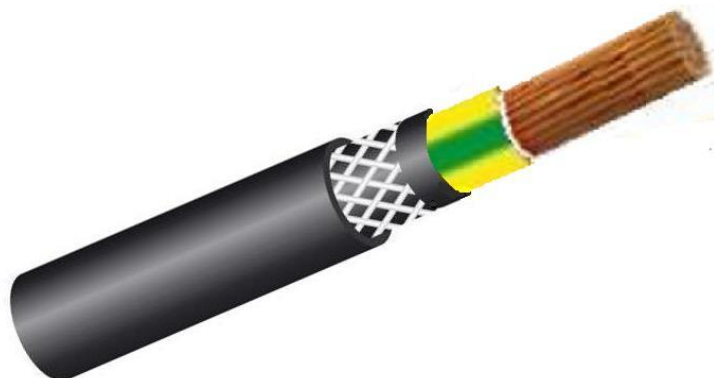




K-FLEX 3100 POWER SY UL CSA

Description : Increased oil-resistant armoured single core, control and power supply cables manufactured according to UL AWM Style 10107 and CSA AWM I A/B II A/B.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
 PVC Insulation compound type TI3 - 90°C UL 758
 PVC Inner sheath in special PVC type TM3 - 90°C UL 758
 Steel wires braiding with coverage 65% ± 5%
 Outer sheath in special PVC type TM3 - 90°C UL 758

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-extinguishing, test method B according to DIN VDE 0472 part 804, IEC 60332-1, UL 1581 section 1060 (Vertical Flame and FT1 Test)
 Reduced Fire Propagation according to IEC 60332-3-24
 Oil-resistance according DIN EN 50290-2-22 resp. VDE 0819-102, TM54
 According to UL styles 10107 and CSA-AWM I A/B

The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 600 V
- Spark Test voltage : 5000 V
- Working temperature : Occasional flexing: -5°C to +90°C
 Fixed installation: -40°C to +90 °C
- Minimum bending radius Occasional flexing: 20 x outer Ø
 Fixed installation: 6 x outer Ø

Use : Efficient stocking! These control cables are especially suitable for export-orientated machinery. These inexpensive cables make work easy, facilitate economic stocking and thus speeds up the export orders. It is suitable for control equipment on machine tools subjected to medium mechanical stresses, for fixed or flexible installation, where free movement is required without tensile stresses and without forced guidance systems, in dry, damp and wet interiors (including water-oil mixtures), but not outdoors.