



## K-FLEX 3101 - 1015 UL CSA

**Description :** Control and Power supply single core wire for protected, fixed installation. Working voltage 600 V ac, 750 V dc.

**Design:**



**Construction :** Flexible bare copper conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5, UL 758 standard Special PVC Insulation compound type UL 758 105°C

**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, Test method B according to DIN VDE 0472 part 804, IEC 60332-1  
 Construction according to American and Canadian UL recognized UL AWM styles 1015 and CSA AWM I A  
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

**Technical dates :**

- Nominal voltage: 600 V
- Spark Test voltage: 6000 V
- Fixed installation working temperature: UL -40°C to + 105°C
- Occasional flexing working temperature: UL -15°C to + 105°C
- Fixed installation minimum bending radius = 4 x cable Ø
- Occasional flexing minimum bending radius = 13 x cable Ø

**Use :** These power single core cables are especially suitable for export-orientated machinery.  
 Suitable for assembling cable harnesses and wiring during switch cabinet installation.  
 It is not suitable to be used as direct burial or underwater cable.  
 The single wire is suitable also as power supply cable in the machine tool and plant engineering, in heating and air conditioning systems, refrigeration plants etc.