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**Data Sheet**

# K-FLEX 3101 - HAR AWM 1015 UL CSA

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|---|---|
| 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<br>Special PVC Insulation compound type UL 758 90°C |
| Manufacturing's Controls: | Test and Control according to our certificated **ISO 9001-2015** CSQ-IMQ (EQ-NET) Quality System procedure.<br>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<br>According to CEI 20-20/3 4th Ed. 1996 + V1:2002 + V2:2009 and HD 21.3 S3:1995 + A1:1999 + A2:2008<br>Construction according to American and Canadian UL recognized UL AWM styles 1015 and CSA AWM I A<br>The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE |
| Technical dates : | • Nominal voltage: UL 600 V<br>HAR H05V-K / H05V2-K 300/500 V.<br>HAR H07V-K / H07V2-K 450/750 V.<br>• Spark Test voltage: 6000 V<br>• Fixed installation working temperature: UL -40°C to + 105°C HAR -40°C to<br>Occasional flexing working temperature: +70°C/90°c<br>• Fixed installation minimum bending radius UL -5°C to + 105°C HAR -5°C to<br>Occasional flexing minimum bending radius +70°C/90°c<br>= 4 x cable Ø<br>= 13 x cable Ø |
| Use : | These power single core cables are especially suitable for export-orientated machinery.<br>Suitable for assembling cable harnesses and wiring during switch cabinet installation.<br>It is not suitable to be used as direct burial or underwater cable.<br>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. |

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