



**UL-listed (MTW), CSA (TEW), H07V2-K: max. +90°C, UL (AWM): Umax = 1 kV, tinned-copper strands**

For use in the most important global markets; Reduction in technical documentation; Easier storage; increases the cost-effectiveness of the production process; Works with "Conductor end sleeves XL, insulated"



## Product description

### Application range

- Factory wiring
- Field wiring
- Frequency converter power supply
- Internal wiring of devices
- Control cabinet wiring

### Benefits

- For use in the most important global markets
- Reduction in technical documentation
- Easier storage; increases the cost-effectiveness of the production process
- Works with "Conductor end sleeves XL, insulated"

### Product Make-up

- Fine-wire strand made of tinned-copper wires
- Special PVC-based core insulation

### Norm references / Approvals

- Multi-standard cables have conductor strands with nominal sizes in mm<sup>2</sup> or AWG/kcmil. The master size is mentioned in the table below, while the equivalent size of the other system can be found in the Appendix T16 of this catalogue. For this related secondary size the cross-section of the conductor mostly works out to be greater than the specified nominal value.
- Cable type certifications: H07V2-K acc. EN 50525-2-31, UL AWM style 10269 (by UL acc. UL standard UL 758, U.I. Lapp GmbH's UL AWM file number: E63634), (UL) MTW (by UL acc. UL standard UL 1063, U.I. Lapp GmbH's (UL) MTW file number: E198296), CSA TEW (by CSA acc. CSA standard CSA C22.2 No. 127, CSA class 5835-01)

### Product features

- Flame-retardant according IEC 60332-1-2
- Flame-retardant according to UL VW1/CSA FT1
- Oil-resistant

### Technical Data

Classification	ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single core cable
Conductor stranding	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Nominal voltage	HAR / IEC: U <sub>0</sub> /U: 450/750 V  UL (AWM): U: 1000 V  UL (MTW): U: 600 V  CSA (TEW): U: 600 V
Temperature range	Fixed installation: HAR/IEC: -40°C to +90°C  UL (AWM): -40°C to +105°C  UL (MTW): -40°C to +90°C  CSA (TEW): -40°C to +105°C