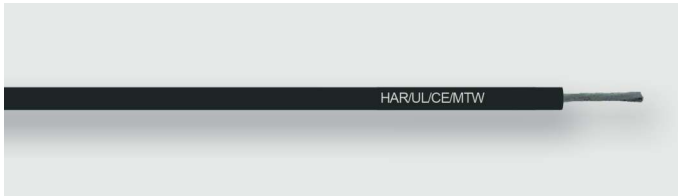


Technical data sheet

Flexible Single Conductor Hook Up Wire · Multi-Norm

LUTZE Single Conductor Hook Up Wire With UL/CE/MTW and HAR Approvals



Identification

Type EA HAR-UL 1×1,0 BN
Part No. [A61803](#)

Product version

Datasheet version 00

Use/Application/Properties

Application

- Multi-rated single-conductor cable for wiring cabinets and use in electrical and electronic equipment
- Specially suited for machines exported to Europe (HAR) and North America (UL MTW)
- MTW Machine Tool Wire

Properties

- Fine stranding class 5, per VDE 0295
- Very flexible for easy installation
- Conditionally resistant to oils, solvents, acids and bases
- Talc free and silicone free

Construction

Description SINGLE CONDUCTOR HOOK UP WIRE MULTI-NORM

Number of conductors/cross-section 1×1.0

Number of conductors 1

Cross-section, metric 1 mm²

Cross-section AWG AWG 18

Jacket color brown

Outer Ø 2.9 mm

Outer Ø 0.114 inch

Weight 1.55 kg/100 m

Weight 10

Cu Index 0.96 kg/100 m

Cu Index 6 Lbs/Mft

Construction Element 1

Element construction AWG18/1C

Conductor CU-wire tin-plated

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Conductor category	Finely stranded DIN VDE 0295 IEC 60228, Class 5
Conductor marking	brown
Conductor insulation	PVC
Conductor insulation standard	UL 1581 Class 43 heat and humidity resistant

Technical data

Rated voltage U_N	H05V2-K 300/500 V H07V2-K 450/750 V 600 V UL MTW 600 V UL AWM 105 °C
Test voltage type	AC 3000 V
Temperature range moving	-5 °C ... +105 °C
Temperature range fixed	-40 °C ... +105 °C
Minimum bending radius fixed	5×cable OD

Technical Data Element 1

Element construction	AWG18/1C
Insulation resistance at 20 °C	20 MΩ×km

Approvals/Standards

Approvals	HAR: HD 21.3 S3 UL 1063 MTW Listed UL AWM RoHS REACH
UL style	AWM 1015
Conformity	CE RoHS REACH TSCA
Burning behavior according to	UL VW-1 IEC 60332-1

General

Note	CE These products are in conformity with the EU Low Voltage Directive 2014/35/EU
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