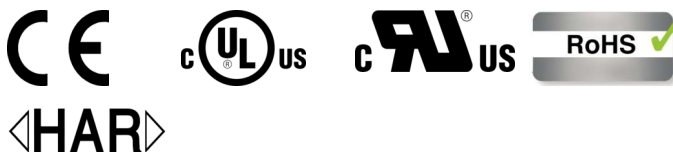


## Technical data sheet

### 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 DBL  
Part No. [A61814](#)

#### 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 mm <sup>2</sup>
Cross-section AWG	AWG 18
Jacket color	dark blue
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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Part No. [A61814](#) • Datasheet version: 00

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SYSTEMATIC TECHNOLOGY

## Technical data sheet

### Flexible Single Conductor Hook Up Wire · Multi-Norm

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

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#### Technical data

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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

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#### Technical Data Element 1

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

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#### Approvals/Standards

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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

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#### General

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