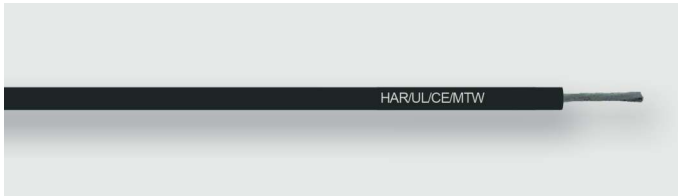


Technical data sheet

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 1G95 GN/GE
Part No. [A69500](#)

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	1×95
Number of conductors	1
Cross-section, metric	95 mm ²
Cross-section AWG	3/0
Jacket color	green-yellow
Outer Ø	17.8 mm
Outer Ø	0.701 inch
Weight	93.4 kg/100 m
Weight	629
Cu Index	91.2 kg/100 m
Cu Index	613 Lbs/Mft

Construction Element 1

Conductor CU-wire tin-plated

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Part No. [A69500](#) • Datasheet version: 00

Technical data sheet

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Conductor category	Finely stranded DIN VDE 0295 IEC 60228, Class 5
Conductor marking	green/yellow
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

Insulation resistance at 20 °C	20 M Ω ×km
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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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