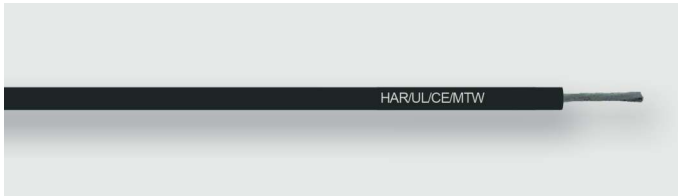


Technical data sheet

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 1×1,5 WS/BL
Part No.	A61644

Product version

Datasheet version	00
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Use/Application/Properties

Application	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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	1×1.5
Number of conductors	1
Cross-section, metric	1.5 mm ²
Cross-section AWG	AWG 16
Jacket color	white/blue
Outer Ø	3.3 mm
Outer Ø	0.13 inch
Weight	1.95 kg/100 m
Weight	14
Cu Index	1.44 kg/100 m
Cu Index	10 Lbs/Mft

Construction Element 1

Element construction	AWG16/1C
Conductor	CU-wire tin-plated

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Conductor category	Finely stranded DIN VDE 0295 IEC 60228, Class 5
Conductor marking	white/blue
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	AWG16/1C
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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