

Technical data sheet · LUTZE Single Conductor Hook Up Wire with UL/CE/MTW and HAR Approvals



Flexible Single Conductor Hook
Up Wire · Multi-Norm

Identification	Type	EA HAR-UL 1×1,0 WS/BL
	Part-No.	A61844

Use/Application/Characteristics

Application	<ul style="list-style-type: none">• Multi rated single-conductor cable for wiring of cabinets and use in electrical and electronic equipment• Specially suited for machines exported to Europe (HAR) and North America (UL MTW + CSA TEW)• MTW rating as required per NFPA 79 for machine tool wiring
Characteristics	<ul style="list-style-type: none">• Fine stranding class 5, per VDE 2095• Very flexible for easy installation• Free from silicone and other varnish damaging substances• Conditionally resistant to oils, solvents, acids and bases• MTW rated• RoHS compliant

Construction

Description	SINGLE CONDUCTOR HOOK UP WIRE MULTI-NORM
Number of conductors/cross-section	1×1.0
Outer Ø	2.9 mm
Outer Ø	0.114 inches
Weight	1.5 kg/100 m
Weight	10 Lbs/Mft
Cu-Index	0.9 kg/100 m

24.03.2017 – Subject to technical modification

Part-No. A61844

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Cu-Index	6 Lbs/Mft
Element 1	
Element construction	AWG18/1C
Conductor	CU-wire tin-plated
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_0/U	300/500 V
Rated voltage UL	600 V
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×D

Element 1

Element construction	AWG18/1C
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Approvals/Standards

Approvals	cULus cURus UL 1063 MTW Listed TEW HAR HAR: HD 21.3 S3
UL style	AWM 1015
Conformity	CE RoHS REACH
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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Symbols

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