

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 1G50 GN/GE
	Part-No.	A60100

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	1×50
Outer Ø	14 mm
Outer Ø	0.511 inches
Weight	53 kg/100 m
Weight	347 Lbs/Mft
Cu-Index	47.9 kg/100 m

24.03.2017 – Subject to technical modification

Part-No. A60100

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Cu-Index 322 Lbs/Mft

Element 1

Element construction AWG1/1C
Conductor CU-wire tin-plated
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_0/U 450/750 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 AWG1/1C

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

Symbols

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