

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 1×1,5 RT
	Part-No.	A61604

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	1×1.5
Outer Ø	3.3 mm
Outer Ø	0.13 inches
Weight	2.1 kg/100 m
Weight	14 Lbs/Mft
Cu-Index	1.5 kg/100 m

24.03.2017 – Subject to technical modification

Part-No. A61604

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

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

Cu-Index 10 Lbs/Mft

Element 1

Element construction AWG16/1C
Conductor CU-wire tin-plated
Conductor category Finely stranded DIN VDE 0295
IEC 60228, Class 5
Conductor marking red
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 AWG16/1C

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

24.03.2017 – Subject to technical modification

Part-No. A61604

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

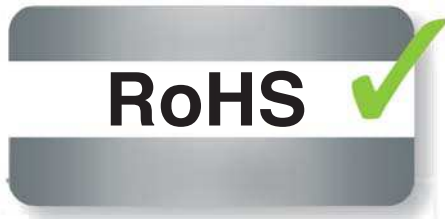
United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

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



24.03.2017 – Subject to technical modification

Part-No. A61604

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk