

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 1G95 GN/GE
	Part-No.	A69500

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	1×95
Outer Ø	17.8 mm
Outer Ø	0.701 inches
Weight	629 Lbs/Mft
Cu-Index	613 Lbs/Mft

24.03.2017 – Subject to technical modification

Part-No. A69500

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

Element 1

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

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. A69500

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. A69500

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