

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



Flexible Single Conductor Hook  
Up Wire · Multi-Norm

|                                        |                                                                                                                                                                                                                                                                                                                                              |                      |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| <b>Identification</b>                  | Type                                                                                                                                                                                                                                                                                                                                         | EA HAR-UL 1G10 GN/GE |
|                                        | Part-No.                                                                                                                                                                                                                                                                                                                                     | A60800               |
| <b>Use/Application/Characteristics</b> |                                                                                                                                                                                                                                                                                                                                              |                      |
| Application                            | <ul style="list-style-type: none"><li>• Multi rated single-conductor cable for wiring of cabinets and use in electrical and electronic equipment</li><li>• Specially suited for machines exported to Europe (HAR) and North America (UL MTW + CSA TEW)</li><li>• MTW rating as required <b>per NFPA 79</b> for machine tool wiring</li></ul> |                      |
| Characteristics                        | <ul style="list-style-type: none"><li>• Fine stranding class 5, per VDE 2095</li><li>• Very flexible for easy installation</li><li>• Free from silicone and other varnish damaging substances</li><li>• Conditionally resistant to oils, solvents, acids and bases</li><li>• MTW rated</li><li>• RoHS compliant</li></ul>                    |                      |
| <b>Construction</b>                    |                                                                                                                                                                                                                                                                                                                                              |                      |
| Description                            | SINGLE CONDUCTOR HOOK UP WIRE MULTI-NORM                                                                                                                                                                                                                                                                                                     |                      |
| Number of conductors/cross-section     | 1×10                                                                                                                                                                                                                                                                                                                                         |                      |
| Outer Ø                                | 6.8 mm                                                                                                                                                                                                                                                                                                                                       |                      |
| Outer Ø                                | 0.267 inches                                                                                                                                                                                                                                                                                                                                 |                      |
| Weight                                 | 11.8 kg/100 m                                                                                                                                                                                                                                                                                                                                |                      |
| Weight                                 | 76 Lbs/Mft                                                                                                                                                                                                                                                                                                                                   |                      |
| Cu-Index                               | 9.5 kg/100 m                                                                                                                                                                                                                                                                                                                                 |                      |

24.03.2017 – Subject to technical modification

Part-No. A60800

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Cu-Index 64 Lbs/Mft

## Element 1

Element construction AWG8/1C  
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 AWG8/1C

## 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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