



DALITZ

Round or rectangular winding wire of litz copper, class 180

Product name:
DALITZ

Specifications:
DIN 46 436-1

UL approval:
Approved: Litz construction
UL-file no: E106565

Class: 180
Temperature index ≥ 180 °C

Conductor material:
EN 1977 - ETP1 CW003A

Insulation:
Polyamid-paper and/or Polyester-tape

For more information regarding other insulation constructions and materials please contact us

Properties:
- High flexibility

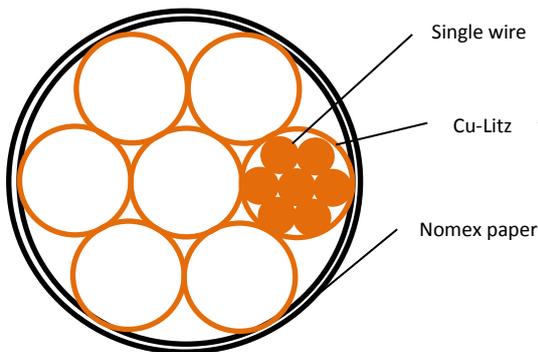
Field of application:
- Transformers
- Reactor

Dimension range:
Round: $6,00 \leq \varnothing \leq 20,00$ mm
Rectangular: $10 \text{ mm}^2 - 220 \text{ mm}^2$

Standard packaging:
Round, rectangular H 710

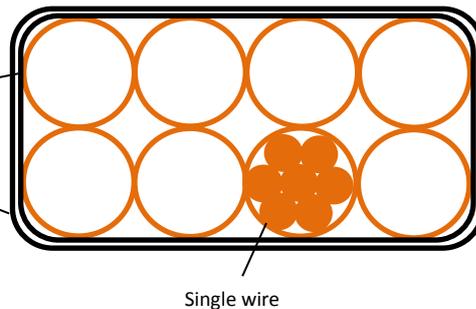
Shelf life:
6 years, under normal ambient conditions

Construction scheme round



Fill factor: about 0,8

Construction scheme rectangular



Properties for DALITZ

Main characteristics	Properties for Litz Cu
<u>Thermal properties</u>	
Temperature index	≥ 180 °C ¹⁾
<u>Electrical properties</u>	
Conductivity	$> 58 \text{ m}/(\Omega\text{mm}^2)$
Breakdown voltage of Nomex	$20 \text{ V}/\mu\text{m}$
<u>Mechanical properties</u>	
Elongation of outer fiber	20%

1. According to supplier certificate

The technical data included is up to date at the time of printing.
LWW reserves the right to make any amendments deemed necessary

Liljedahl Winding Wire

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