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**Certificate of compliance  
with the order 2.1 according to EN 10 204**

Telephone, Name	Date	Effective date
-712, C. Dettmer	01.06.2021	31.07.2022

**HELUTHERM® 145 UL/CSA, 600V**

We confirm that the above mentioned, temperature- retardant and halogen-free single cores are produced and tested according to UL AWM Style 3578 / CSA C22.2 No. 210.

- **Temperature range**
  - flexing - 35°C to + 105°C
  - fixed installation - 55°C to + 105°C
- **Nominal voltage** 600 V

**Tests**

- halogen-free acc. to DIN VDE 0482-754-1 / DIN EN 60754-1 / IEC 60754-1
- corrosiveness of combustion gases acc. to DIN VDE 0482-754-2 / DIN EN 60754-2 / IEC 60754-2
- flame-retardant acc. to CSA FT1
- bundle fire test acc. to DIN VDE 0482-332-3-24 / DIN EN 60332-3-24 / IEC 60332-3-24
- smoke density acc. to DIN VDE 0482-1034-1+2 / DIN EN 61034-1+2 / IEC 61034-1+2

The materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers.

**CE** = Product conforms with Low-Voltage Directive 2014/35/EU.

**HELU KABEL GmbH**  
Technical Department

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