

HELU KABEL GmbH
Headquarters
Dieselstraße 8-12
71282 Hemmingen
Germany

P +49 7150 9209-0
F +49 7150 81786
techsupport@helukabel.de
helukabel.com

Helukabel GmbH • Dieselstraße 8-12 • 71282 Hemmingen • Germany

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

We confirm that the above mentioned, halogen-free single cores are produced according to company standard and tested according EN 50396, EN 50395.

- **Temperature range**
 - flexing - 35°C to +120°C
 - fixed installation - 55°C to +145°C
- **Nominal voltage**
 - up to 1 mm² U₀/U 300/500 V
 - from 1,5 mm² U₀/U 450/750 V
 - fixed and protected installation from 1,5 mm² U₀/U 600/1000 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 DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2
- bundle fire test acc. to DIN VDE 0482-332-3-22 / DIN EN 60332-3-22 / IEC 60332-3-22
- smoke density acc. to DIN VDE 0482-1034-1+2 / DIN EN 61034-1+2 / IEC 61034-1+2
- protection against fire acc. to DIN EN 45545-2
- oil-resistant acc. to DIN VDE 0473-811-404 / DIN EN 60811-404 / IEC 60811-404, IRM 902 4h at +70°C

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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Managing Director: Helmut Luksch, Marc Luksch, Andreas Hoppe
Registered Office: Hemmingen, Germany
District Court: Stuttgart HRB 201352
VAT-Id DE 146 021 824 · Tax number 70074/03759
EORI number DE 2623064 · AEO DE AEOF 108137

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