

# Certificate of compliance

with the order 2.1 according to EN 10 204

## HELUTHERM<sup>®</sup> 145

We confirm that the above mentioned **Single core** is produced acc. to company specifications and tested according to DIN EN 50395, DIN EN 50396.

### TECHNICAL DATA

<b>Temperature range</b>	flexible -35°C to +120°C fixed -55°C to +145°C
<b>Nominal voltage</b>	0.25 - 1 mm <sup>2</sup> : AC U <sub>0</sub> /U 300/500 V 1.5 - 240 mm <sup>2</sup> : AC U <sub>0</sub> /U 450/750 V 1.5 - 240 mm <sup>2</sup> : fixed and protected installation AC U <sub>0</sub> /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  
certifications and approvals:  
EAC  
0.5 - 240 mm<sup>2</sup>: DNV

### PROPERTIES

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



Product conforms with Low-Voltage Directive 2014/35/EU

**HELU KABEL GmbH**  
Technical Department

This document is valid without signature

**Date of issue**  
24.03.2025

**Date of expiration**  
31.12.2027

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