

Certificate of compliance

with the order 2.1 according to EN 10 204

HELUTHERM® 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

Temperature range	flexible -35°C to +120°C fixed -55°C to +145°C
Nominal voltage	0.25 - 1 mm ² : AC U ₀ /U 300/500 V 1.5 - 240 mm ² : AC U ₀ /U 450/750 V 1.5 - 240 mm ² : fixed and protected installation AC U ₀ /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 mm²: DNV GL

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

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