

Certificate of compliance

with the order 2.1 according to EN 10 204

HELUTHERM® 145 UL/CSA 600V

We confirm that the above mentioned **Single core** is produced **acc. to UL-Std. 758 (AWM) Style 3578, CSA-Std. C22.2 No. 210 - AWM I A/B** 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 UL (AWM) flexible -35°C to +105°C UL (AWM) fixed -55°C to +105°C
Nominal voltage	UL (AWM) AC 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
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:
0.5 - 50 mm²: 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

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