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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

H05Z-K

We confirm that the above mentioned, halogen-free single cores are produced according to DIN VDE 0285-525-3-41 / DIN EN 50525-3-41 and tested according to EN 50396, EN 50395.

- **Temperature range**
 - flexing - 5°C to + 90°C
 - fixed installation - 40°C to + 90°C
- Permissible **operating temperature** at conductor + 90°C
- **Nominal voltage** U₀/U 300/500 V

Tests

- Behaviour in fire according to DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1-2.
- Ozone resistant according to DIN VDE 0473-811-403, DIN EN 60811-403.
- Smoke density according to DIN VDE 0482-1034-1+2, DIN EN 61034-1+2, IEC 61034-1+2.
- Halogen-free according to DIN VDE 0285-525-1 / DIN EN 50525-1 appendix B.

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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