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| 23 10026 | DATA SHEET |  |
| valid from: 13.11.2023 | H01N2-D | |

Application

H01N2-D are arc welding cables made of cross-linked elastomer outer sheath for arc welding equipment/electric welding device up to 100 V. Contact with the skin while working should be avoided. Continuous, busy movements, usage of these cables in moving cable carriers, respectively on motor drum guidance or under a strain of more than 15 N/mm² is not allowed.

Design

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| Design | acc. to EN 50525-2-81 |
| Certification | The cable is characterized with the <HAR> HAR-sign or HAR-identification thread. |
| Conductor | copper wires strands acc. to EN 50525-2-81 |
| Outer sheath | separator layer: over the conductor, made of suitable material single-layered: rubber compound EM 5 acc. to EN 50363-2-2 double-layered: inner layer: rubber compound EM 5 acc. to EN 50363-2-2 or EI 7 acc. to EN 50363-1 outer layer: rubber compound EM 5 acc. to EN 50363-2-2 |

Electrical properties at 20 °C

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| Nominal voltage | U ₀ /U: 100/100 V |
| Test voltage | c/ c: 1000 V AC |

Mechanical and thermal properties

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|------------------------|--|
| Minimum bending radius | 4 to 8 x outer diameter acc. to EN 50565-1 |
| Temperature range | -20 °C up to +85 °C max. conductor temperature |
| Flammability | acc. to IEC 60332-1-2 resp. EN 60332-1-2 |
| Oil resistance | acc. to EN 50363-2-2 |

Tests acc. to IEC 60811 resp. EN 60811, EN 50395 and EN 50396.

General requirements This cable is conform to the EU-Directive 2011/65/EU (RoHS, Restriction of the use of certain hazardous substances).

Environmental information These cables meet the substance-specific requirements of the EU Directive 2011/65/EU (RoHS).

Note Trade product, no Lapp product

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