

2310026	DATA SHEET	
valid from: 01.01.2019	Rubber Insulated Cable H01N2-D	

Application

Rubber Insulated Cable H01N2-D are arc welding cable 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

Design	acc. to EN 50525-2-81 (VDE 0285-525-2-81)
Conductor	copper, stranded wire: up to 95 mm ² extra-fine wire acc. IEC 60228 resp. EN 60228 (VDE 0295), class 6 starting at 120 mm ² fine-wire acc. IEC 60228 resp. EN 60228 (VDE 0295), class 5 separator layer: over the conductor, made of suitable material
Outer sheath	single-layered: rubber compound EM 5 acc. EN 50363-2-2 double-layered: inner layer: rubber EM 5 or EI 7 acc. EN 50363-2-1 outer sheath: Rubber compound EM 5 acc. EN 50363-2-2

Electrical properties at 20°C

Rated voltage	U ₀ /U: 100/100 V
Test voltage	A / A: 1000 V AC

Mechanical and thermal properties

Minimum bending radius	4 to 8 x D acc. to DIN EN 50565-1 (VDE 0298-565-1)
Temperature range	up -25 °C to +85 °C max. conductor temperature
Flammability	acc. to IEC 60332-1-2 resp. EN 60332-1-2 (VDE 0482-332-1-2)
Tests	acc. to EN 60811-100 (VDE 0473-811-100), EN 50395 (VDE 0481-395); EN 50396 (VDE 0473-396) The cable is characterized with the <HAR> HAR-sign or HAR-identification thread.
General requirements	This cable is conform to the EU-Directive 2011/65/EU (RoHS, Restriction of the use of certain hazardous substances).

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