

## H01N2 - D, H01N2 - E

### VODOVI PROIZVEDENI PO VDE NORMI

**Tipna oznaka:** H01N2-D, H01N2-E

**Norma:** VDE 0282-2  
HD 22.6.S2

**Nazivni napon:** 100 V

**Ispitni napon:** 1000 V

**Temperaturno područje:** od -25 °C do 90 °C

### OPIS KONSTRUKCIJE

- Vodič:** bakreno savitljivo finožično uže tip- **H01N2-D**  
bakreno vrlo savitljivo finožično uže tip- **H01N2-E**
- Separator:** poliester folija
- Plašt:** gumena mješavina na temelju klorosulfaniranog polietilena  
**Boja plašta:** crna

### CABLES ACC. TO VDE STANDARD

**Type coded:** H01N2-D, H01N2-E

**Standard:** VDE 0282-2  
HD 22.6.S2

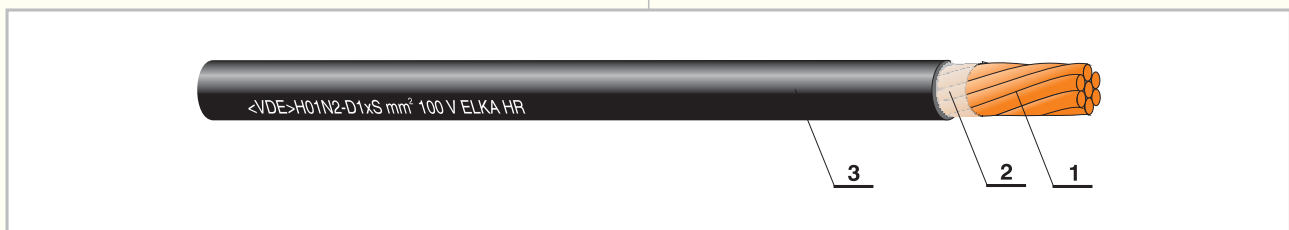
**Nominal voltage:** 100 V

**Test voltage:** 1000 V

**Temperature range:** up -25 °C to 80 °C

### CONSTRUCTION DESCRIPTION

- Conductor:** flexible, fine-wired, copper rope  
type - **H01N2-D**  
highly flexible, fine-wired, copper rope  
type - **H01N2-E**
- Separator:** polyester foil
- Sheath:** chlorine-sulphated polyethylene based rubber compound  
**Sheath colour:** black



### NATPIS NA PLAŠTU

<VDE>H01N2-D1xS mm<sup>2</sup> 100 V ELKA HR ili  
<VDE>H01N2-E1xS mm<sup>2</sup> 100 V ELKA HR

U proizvodnom programu su slijedeći tipovi vodova:

**H01N2-D:** vod s normalnim stupnjem savitljivosti vodiča

**H01N2-E:** vod s visokim stupnjem savitljivosti vodiča

### MARKING ON THE SHEATH

<VDE>H01N2-D1xS mm<sup>2</sup> 100 V ELKA HR or  
<VDE>H01N2-D1xS mm<sup>2</sup> 100 V ELKA HR

Types of produced cables are as follows:

**H01N2-D:** cable with normal grade conductor flexibility

**H01N2-E:** cable with high grade conductor flexibility

Tablica 3.1.1. Konstrukcijski podaci za tip H01N2-D

Table 3.1.1. Construction data for type H01N2-D

Nazivni presjek / Nominal cross section	Promjer vodiča / Conductor diameter	Debljina izolacije / Insulation thickness	Vanjski promjer / External diameter	El. otpor vodiča kod 20 °C / El. resistance of conductor at 20 °C	Trajna struja / Permanent current	Masa / Cable weight	Pakiranje / Packing	
							Duljina / Length	Bubanj / Drum
mm <sup>2</sup>	mm	mm	mm	Ohm/km	A	kg/km	m	
10	4,1	2,0	8,6	1,91	93	150	1000	BD-7
16	5,2	2,0	9,7	1,16	135	215	1000	BD-8
25	6,5	2,0	11,2	0,758	180	305	1000	BD-8
35	7,7	2,0	12,4	0,536	225	400	1000	BD-9
50	9,2	2,2	14,3	0,379	285	567	1000	BD-10
70	11,0	2,4	16,5	0,268	355	775	1000	BD-10
95	12,7	2,6	18,6	0,198	430	1038	1000	BD-12
120	13,8	2,8	20,1	0,115	500	1255	1000	BD-12
150	15,9	3,0	22,6	0,125	586	1569	1000	BD-14
185	17,3	3,0	24,4	0,102	660	1875	500	BD-12

Tablica 3.1.2. Konstrukcijski podaci za tip H01N2-E

Table 3.1.2. Construction data for type H01N2-E

Nazivni presjek / Nominal cross section	Promjer vodiča / Conductor diameter	Debljina izolacije / Insulation thickness	Vanjski promjer / External diameter	El. otpor vodiča kod 20 °C / El. resistance of conductor at 20 °C	Trajna struja / Permanent current	Masa / Cable weight	Pakiranje / Packing	
							Duljina / Length	Bubanj / Drum
mm <sup>2</sup>	mm	mm	mm	Ohm/km	A	kg/km	m	
10	4,0	1,2	6,9	1,95	93	120	1000	BD-6
16	5,1	1,2	8,0	1,24	135	181	1000	BD-7
25	6,1	1,2	9,0	0,795	180	276	1000	BD-7
35	7,6	1,2	10,7	0,566	225	377	1000	BD-8
50	9,3	1,5	13,0	0,398	285	550	1000	BD-9
70	11,2	1,5	14,9	0,277	355	745	1000	BD-10
95	12,4	1,8	16,7	0,210	430	993	500	BD-9
120	14,5	1,8	18,5	0,164	500	1193	500	BD-10
150	16,8	1,8	21,3	0,132	586	1483	500	BD-10
185	17,9	1,8	24,4	0,108	660	1860	500	BD-12