

## H05RR-F

### LAKI GUMENI VODOVI

**Tipska oznaka:** H05RR-F, A05RR-F

**Norma:** HD 22.4 S3, VDE 0282/4

**Nazivni napon:**  $U_0/U = 300/500$  V

**Ispitni napon:** 2000 V

### OPIS KONSTRUKCIJE

**1. Vodič:** bakreno finožično užje

**2. Izolacija:** gumena mješavina na temelju etilen propilenskoga elastomera (EPDM)

**3. Plašt:** gumena mješavina na temelju prirodnog i stiren-butadienskog elastomera (NR + SBR)

**Boja voda:** crna

**G** = vod sa zaštitnom žilom zeleno/žute boje

**X** = vod bez zaštitne žile

### LIGHT RUBBER INSULATED CONDUCTORS

**Type mark:** H05RR-F, A05RR-F

**Standard:** HD 22.4 S3, VDE 0282/4

**Nominal voltage:**  $U_0/U = 300/500$  V

**Testing voltage:** 2000 V

### CONSTRUCTION DESCRIPTION

**1. Conductor:** copper fine wire rope

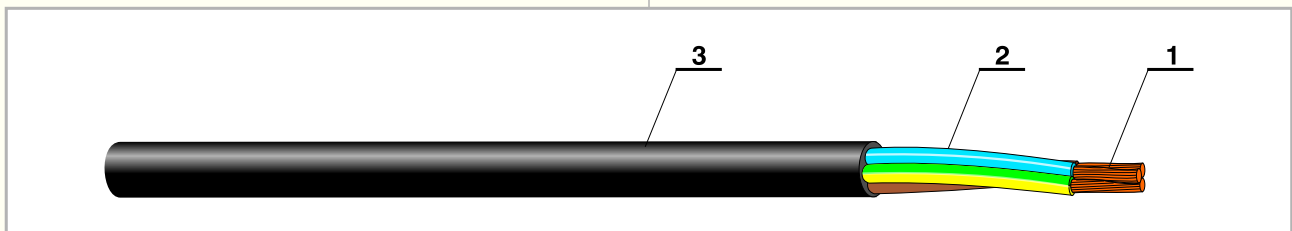
**2. Insulation:** rubber compound based upon ethylene-propylene elastomer (EPDM)

**3. Sheath:** rubber compound based upon natural and styrenebutadiene elastomer (NR+SBR)

**Conductor colour:** black

**G** = insulated conductor with protective green/yellow core

**X** = insulated conductor without protective core



### NATPIS NA PLAŠTU

⟨ VDE ⟩ H05RR-F nGs mm<sup>2</sup> 300/500 V ELKA HR  
ili

⟨ VDE ⟩ A05RR-F nxs mm<sup>2</sup> 300/500 V ELKA HR  
n = broj vodiča  
s = presjek vodiča

#### Primjer:

Oznaka trožilnog voda presjeka vodiča 1,5 mm<sup>2</sup> sa zaštitnom zeleno/žutom žilom:

**H05RR-F 3G1,5 mm<sup>2</sup>**

Oznaka trožilnog voda presjeka vodiča 1,5 mm<sup>2</sup> bez zaštitne žile:

**A05RR-F 3x1,5 mm<sup>2</sup>**

### MJESTO I PODRUČJE UPORABE

U suhim prostorijama za kućanske aparate i radionice kod manjih mehaničkih naprezanja.

### SHEATH INSCRIPTION

⟨ VDE ⟩ H05RR-F nGs mm<sup>2</sup> 300/500 V ELKA HR  
or

⟨ VDE ⟩ A05RR-F nxs mm<sup>2</sup> 300/500 V ELKA HR  
n = number of conductor  
s = conductor cross-section

#### Example:

Marking of three-core insulated conductor of 1,5 mm<sup>2</sup> conductor cross-section with green/yellow protective core:

**H05RR-F 3G1,5 mm<sup>2</sup>**

Marking of three-core insulated conductor of 1,5 mm<sup>2</sup> conductor cross-section without protective core:

**A05RR-F 3x1,5 mm<sup>2</sup>**

### PLACE AND FIELD OF APPLICATION

In dry premises for household appliances and workshops at smaller mechanical strains.

Tablica 6.1.1. Konstrukcijski podaci za H05RR-F

Table 6.1.1. Construction data of H05RR-F

Broj žila x presjek vodiča / Number of Cores x Conductor Cross-Sector	Promjer vodiča / Conductor Diameter	Debljina izolacije / Insulation Thickness	Vanjski promjer / Outer Diameter	Težina kabela / Cable Weight	Pakiranje / Packing	
					Duljina / Length	Kolut / Coil
mm <sup>2</sup>	mm	mm	mm	kg/km	m	
2x0,75	1,1	0,6	6,6	54	100	K-200
2x1	1,3	0,6	7,3	66	100	K-200
2x1,5	1,6	0,8	8,8	103	100	K-200
2x2,5	2,0	0,9	10,2	137	100	K-315
3G0,75	1,1	0,6	7,4	72	100	K-200
3G1	1,3	0,6	7,6	82	100	K-200
3G1,5	1,6	0,8	9,3	122	100	K-200
3G2,5	2,0	0,9	11,1	175	100	K-315
4G0,75	1,1	0,6	7,8	79	100	K-200
4G1	1,3	0,6	8,3	99	100	K-200
4G1,5	1,6	0,8	10,3	152	100	K-315
4G2,5	2,0	0,9	12,3	222	100	K-315
5G0,75	1,1	0,6	9,0	111	100	K-200
5G1	1,3	0,6	9,2	125	100	K-200
5G1,5	1,6	0,8	11,2	184	100	K-315
5G2,5	2,0	0,9	13,2	272	100	K-315