



## PVC-om izolirani vodič - višezični PVC insulated conductor - multi wire

HRN EN 50525-2-31 • EN 50525-2-31 • IEC 60227-3



### KONSTRUKCIJA / CONSTRUCTION

**Vodič** Cu (bakreni) vodič, klase 2 (višezični) prema EN 60228  
**Izolacija** PVC smjesa T11 prema EN 50363-3

**Conductor** bare copper conductor multi wire stranded, class 2. acc. to EN 60228  
**Insulation** PVC compound T11 acc. to EN 50363-3



### TEHNIČKI PODACI / TECHNICAL DATA

**Ekvivalenti:**  
P/M prema standardu HRN N.C3.201  
227 IEC 01 prema standardu IEC 60227-3  
Ym prema standardu ÖVE / ÖNORM E 8241

**Norme:**  
HRN EN 50525-2-31  
EN 50525-2-31  
IEC 60227-3

**Nazivni napon:** U<sub>0</sub>/U = 450/750 V  
**Ispitni napon:** 2500 V

**Granični temperaturni uvjeti:**  
Minimalna temperatura polaganja: +5 °C  
Radna temperatura: -30 °C do +80 °C  
Temperatura kratkog spoja max. 5s: 160 °C

**Test zapaljivosti:**  
Kabel je samogasiv prema EN 60332-1-2

**Minimalni polumjer savijanja:** 12,5x kabla **Minimal inner bending radius:** 12,5xØ cable

**Equivalents:**  
P/M acc. to HRN N.C3.201  
227 IEC 01 acc. to IEC 60227-3  
Ym acc. to ÖVE / ÖNORM E 8241

**Standards:**  
HRN EN 50525-2-31  
EN 50525-2-31  
IEC 60227-3

**Nominal voltage:** U<sub>0</sub>/U = 450/750 V  
**Test voltage:** 2500 V

**Temperature range:**  
Minimum temperature during installation: +5° C  
Fixed installed: -30° C do +80° C  
At short circuit of max. 5s: 160° C

**Behaviour in fire:**  
Flame retardant (self-extinguishing)  
cable acc. to EN 60332-1-2

### KONSTRUKCIJSKI PODACI / CONSTRUCTION DATA

Nazivni presjek	Vanjski promjer	Otpor vodiča na 20 °C	Cu broj	Težina kabla	Standardno pakiranje*
Construction	Outer diameter	Conductor resistance at 20 °C	Cu weight	Cable weight	Packing*
mm <sup>2</sup>	ca. mm	Ω/km	kg/km	ca. kg/km	
1 x 10	6,1	1,83	96	120	KOT 100, SP40 500
1 x 16	7,1	1,15	153,6	175	KOT 100, SP40 500
1 x 25	8,9	0,727	240	275	SP40 500
1 x 35	10	0,524	336	370	SP45 500
1 x 50	11,7	0,387	480	500	SP50 500

### Moguća boja izolacije / Conductor colour identification

- (y/g) žuto-zelena / yellow-green
- (bl) plava / blue
- (bn) smeđa / brown
- (bk) crna / black
- (gy) siva / grey

\* Pakiranje: KOT 100 = kolut 100m, SP = kabel namotan na lagani bubanj  
\* Packing: KOT 100 = coil 100m, SP = cable on plywood reel

H07V-R

P/M  
227 IEC 01  
Ym



PVC-OM IZOLIRANE ŽICE ZA FIKSNA POLAGANJA  
PVC-INSULATED WIRES FOR FIXED WIRING



### PRIMJENA / APPLICATION

Vod tipa H07V-R se primjenjuje za unutarnje ožičenje alata i uređaja, polaganje u elektroinstalacijske cijevi, kao i za instalaciju u kanalima i na žbuci. Upotrebljava se i za ožičenje opreme razvodnih i sklopnih ploča, kao i za zaštitno polaganje kod rasvjete s nazivnim naponom do 750V izmjenično.

Insulated conductor used for laying in electric installation tubes, under and on plaster installation in dry rooms and in closed installation conduits. Direct laying in cable guides is not permitted. Also applied for internal wiring of distribution and switching boxes equipment, same as for protective laying for lighting of nominal voltage up to 750 V alternating current.