



PRIMJENA / APPLICATION

Vod tipa H07V-U 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 rasvjeta s nazivnim naponom do 750V izmjenično

Insulated conductor is 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.

PVC-om izolirani vodič - jednožični (puni)
PVC insulated conductor - single wire (solid)

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



KONSTRUKCIJA / CONSTRUCTION

Vodič Cu (bakreni) vodič, klase 1 (puni) prema EN 60228
Izolacija PVC smjesa T11 prema EN 50363-3

Conductor bare copper conductor of class 1 (solid) acc. to EN 60228
Insulation PVC compound T11 acc. to EN 50363-3



TEHNIČKI PODACI / TECHNICAL DATA

Ekvivalenti:
P prema standardu HRN N.C3.200
227 IEC 01 prema standardu IEC 60227-3
Ye prema standardu ÖVE / ÖNORM E 8241

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

Nazivni napon: $U_0/U = 450/750$ 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: 12,5xØ kabla **Minimal inner bending radius:** 12,5xØ cable

Equivalents:
P acc. to HRN N.C3.200
227 IEC 01 acc. to IEC 60227-3
Ye acc. to ÖVE / ÖNORM E 8241

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

Nominal voltage: $U_0/U = 450/750$ 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 ²	ca. mm	Ω/km	kg/km	ca. kg/km	
1 x 1,5	2,8	12,1	14,4	20	KOT 100, SP40 4000
1 x 2,5	3,4	7,41	24	31	KOT 100, SP40 4000
1 x 4	3,9	4,61	38,4	46	KOT 100
1 x 6	4,3	3,08	57,6	65	KOT 100, SP40 500
1 x 10	5,5	1,83	96	110	KOT 100

Moguća boja izolacije / Conductor colour identification

- (y/g) žuto-zelena / yellow-green
- (bl) plava / blue
- (bn) smeđa / brown
- (bk) crna / black
- (gy) siva / grey
- (rd) crvena / red
- (vi) ljubičasta / violet
- (or) narančasta / orange
- (wh) bijela / white
- (db) tamno plava / dark blue
- (ye) žuta / yellow
- (gn) zelena / green

* Pakiranje: KOT 100 = kolut 100m, SP = kabel namotan na lagani bubanj

* Packing: KOT 100 = coil 100m, SP = cable on plywood reel

