


PRIMJENA / APPLICATION

Instalacijski kabel koji se upotrebljava za kućnu fiksnu instalaciju i u industriji. Polaže se u, na ili ispod žbuke, u zidove ili beton, bez naročite mehaničke zaštite. Pogodni za suhu, kao i za vlažnu i mokru okolinu; za unutarnju ili vanjsku upotrebu (samo u slučaju da je kabel zaštićen od direktnog sunčevog svjetla).

Installation cable suitable for household and industrial usage. Laid on or under plaster, in walls or concrete, without special mechanical protection, but not in dry or pre-stressed concrete. Suitable for dry, same as damp or wet environment; for indoor or outdoor application (only if the cable is protected against direct sunlight).


PVC-om izoliran i oplašten instalacijski kabel
 PVC insulated and sheathed installation cable

HRN HD 21.4 S2 • ÖVE-K 41-4 • IEC 60227-4


KONSTRUKCIJA / CONSTRUCTION
Vodič

Cu (bakreni) vodič, klase 1 (puni) ili klase 2 (višežični) prema EN 60228

Izolacija vodiča

PVC smjesa T11 prema EN 50363-3

Ispuna

žile obuhvaćene nevulkaniziranom gumom ili plastičnom smjesom

Plašt

PVC smjesa TM1 prema EN 50363-4-1

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Conductor

bare copper conductor class1 or class 2, acc. to EN 60228

Insulation

PVC compound T11 acc. to EN 50363-3

Filler

cores enveloped in non-vulcanized rubber or plastic compound

Sheath

PVC compound TM1 acc. to EN 50363-4-1


TEHNIČKI PODACI / TECHNICAL DATA
Ekvivalenti: PP prema standardu HRN N.C3.220
 A05VV-U, A05VV-R prema standardu HRN HD 21.4 S2
 NYM prema standardu DIN VDE 0250-204

Norme: HRN HD 21.4 S2 • ÖVE-K 41-4 • IEC 60227-4

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

Ispitni napon: 2000 V

Granični temperaturni uvjeti:

 Minimalna temperatura polaganja: +5° C
 Radna temperatura: -20° C do +70° C
 Temperatura kratkog spoja max. 5s: 160° C

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

Minimalni polumjer savijanja: 4xØ kabela

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Equivalents: PP acc. to HRN N.C3.220
 A05VV-U, A05VV-R acc. to HRN HD 21.4 S2
 NYM acc. to DIN VDE 0250-204

Standards: HRN HD 21.4 S2 • ÖVE-K 41-4 • IEC 60227-4

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

Test voltage: 2000 V

Temperature range:

 Minimum temperature during installation: +5° C
 Fixed installed: -20° C do +70° C
 At short circuit of max. 5s: 160° C

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

Minimal inner bending radius: 4xØ cable

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KONSTRUKCIJSKI PODACI / CONSTRUCTION DATA

Nazivni presjek Construction	Vanjski promjer Outer diameter	Otpor vodiča na 20 °C Conductor resistance at 20 °C	Cu broj Cu weight	Težina kabela Cable weight	Standardno pakiranje* Packing*
mm ²	ca. mm	Ω/km	kg/km	ca. kg/km	
2 x 1,5	8,3	12,1	30	98	KOT 100, SP40 500
2 x 2,5	9,6	7,41	50	125	KOT 100, SP40 500
3 x 1,5	8,5	12,1	45	117	KOT 100, SP40 500
3 x 2,5	10,1	7,41	75	165	KOT 100, SP45 500
3 x 4	11,7	4,61	120	237	KOT 100, SP50 500
3x 6	14,4	3,08	180	332	KOT 100, SP60 500
3 x 10	17,3	1,83	300	619	KOT 100, SP70 500, DB08 500
3 x 16	19,0	1,15	480	776	DB09 500
4 x 1,5	9,4	12,1	60	134	KOT 100, SP40 500
4 x 2,5	11,0	7,41	100	204	KOT 100, SP45 500
4 x 4	12,7	4,61	160	294	KOT 100, SP60 500
4 x 6	14,6	3,08	240	405	KOT 100, SP60 500
4 x 10	19,1	1,83	400	756	SP75 500, DB08 500
4x16	21,7	1,15	640	972	DB08 500
5 x 1,5	10,2	12,1	75	163	KOT 100, SP45 500
5 x 2,5	12,0	7,41	125	245	KOT 100, SP50 500
5 x 4	13,8	4,61	200	352	KOT 100, SP60 500
5 x 6	15,9	3,08	300	496	KOT 100, SP70 500
5 x 10	21,0	1,83	500	860	DB08 500
5 x 16	23,6	1,15	800	1201	DB09 500
7 x 1,5	11,4	12,1	105	197	KOT 100, SP50 500
7 x 2,5	12,8	7,41	175	314	KOT 100, SP50 500

Moguća boja plašta / Sheath colour identification

● (gy) siva / grey

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

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

