

**Norme (standards):** EN 50525-3-41

PODRUČJE PRIMJENE

Za ožičenje svjetiljki, uređaja, ormara za sklopke i distribucijske kutije. Za ugradnju u cijevi, u, na i pod gipsom, kao i u zatvorene instalacijske kanale. U objektima s velikom gustoćom ljudi ili vrijednom imovinom.

APPLICATION

For wiring of lamps, devices, switchgear cabinets and distribution boxes. For installation in tubes, on, in and under plaster as well as in closed installation ducts. In building with a high density of people or valuable assets. For use in dry rooms.

KONSTRUKCIJA

Vodiči: Cu vodiči, klasa 5 prema normi EN 60228
Izolacija: masa od umreženog poliolefina, tip EI 5 prema normi EN 50363-5
Boja: Prema standardu EN 50525-1: crna, plava, smeđa, siva, narančasta, roza, crvena, tirkizna, ljubičasta, bijela i žuto-zelena

CONSTRUCTION

Conductors: Cu, class 5 according to EN 60228
Insulation: Cross-linked polyolefin compound, type EI 5 according to EN 50353-5
Color: Acc. to EN 50525-1: black, blue, brown, gray, orange, pink, red, turquoise, violet, white and green-yellow

TEHNIČKE KARAKTERISTIKE

Nazivni napon (U_0/U): 450/750 V
Ispitni napon: 2,5 kV
Max. radna temperatura: 90°C
Min. temp. pri instalaciji: -5°C
Temperatura okoline: -35°C do 35°C
Max. temp. kratkog spoja: 250°C
Min. polumjer savijanja: 8D
CPR klasa: Cca – s1,d1,a1

TECHNICAL CHARACTERISTICS

Voltage rating (U_0/U): 450/750 V
Testing voltage: 2,5 kV
Max. working temperature: 90°C
Min. Laying temperature: -5°C
Ambient temp. range: -35°C do 35°C
Max. short-circuit temperature: 250°C
Min. bending radius: 8D
CPR class: Cca – s1,d1,a1

Nazivni presjek Nominal cross-section)	Max. otpor vodiča pri 20°C (Max. resistance at 20°C)	Strujno opterećenje u toplinski izoliranom zidu na 30° (Current capacity in thermo isolated wall at 30°)		Strujno opterećenje u el. instalacijskim cijevima na 30° (Current capacity in electro installation pipe at 30°)		Strujno opterećenje na zidu na 30° (Current capacity on the wall at 30°)		Debljina izolacije (Insulation thickness)	Vanjski promjer (približno) Outer diam. (approx.)	Cu težina (Cu weight)	Težina kabela (približno) Cable weight (approx.)
		2 žile (2 cores)	3 žile (3 cores)	2 žile (2 cores)	3 žile (3 cores)	2 žile (2 cores)	3 žile (3 cores)				
mm²	Ω/km	A		A		A		mm	mm	kg/km	kg/km
1x1,5	13,3	19	17	23	20	24	22	0,7	3,0	14,4	22
1x2,5	7,98	26	23	31	28	33	30	0,8	3,7	24,0	35
1x4	4,95	35	31	42	37	45	40	0,8	4,3	38,4	52
1x6	3,30	45	40	54	48	58	52	0,8	5,1	57,6	74
1x10	1,910	61	54	75	66	80	71	1,0	6,3	96,0	121
1x16	1,210	81	73	100	88	107	96	1,0	7,5	153,6	184
1x25	0,780	106	95	133	117	138	119	1,2	9,3	240,0	285
1x35	0,554	131	117	164	144	171	147	1,2	10,9	336,0	390
1x50	0,386	158	141	198	175	209	179	1,4	12,7	480,0	554
1x70	0,272	200	179	235	222	269	229	1,4	14,8	672,0	760
1x95	0,206	241	216	306	269	328	278	1,6	17,1	912,0	1028
1x120	0,161	278	249	354	312	382	322	1,6	18,9	1152,0	1282
1x150	0,129	318	285	393	342	441	371	1,8	21,4	1440,0	1605
1x185	0,106	362	324	449	384	506	424	2,0	23,5	1776,0	1977
1x240	0,0801	424	380	528	450	599	500	2,2	26,5	2304,0	2554

*Strujna nosivost je prema standardu DIN VDE 0298-4 (current capacity according to DIN VDE