

D-EPN NGFLGÖU



Primena: Za povezivanje pokretnih delova liftova, mašina, transportnih postrojenja i glavnih komponenata opreme, ako je kabl izložen savijanjima samo u jednoj ravni. Postavlja se u suvim, vlažnim i mokrim područjima, kao i na otvorenom prostoru.

Application: For the connection of mobile parts of machine tools, conveyor plants and major items of equipment, if the cable is exposed to bends in only one level; in dry, damp and wet areas as well as outdoors.

Materijal provodnika:	bakar
Konstrukcija provodnika:	klasa 6, od 35 mm ² klasa 5
Izolacija:	guma (EPR) 3GI3, bezhalogena
Materijal plašta:	guma (CR) 5GM3
Otpornost na plamen:	VDE 0482-332-1-2/IEC 60332-1
Otpornost na ozon:	da
Maksimalna temperatura u provodniku:	90 °C
Maksimalna temperatura tokom rada:	-40 - +80 °C
Dozvoljena temperatura tokom poleganja:	-35 - +80 °C
Radius savijanja tokom rada:	5 x DA
Radius savijanja tokom kretanja u radu:	10 x DA
Nominalni naponski nivo U ₀ :	300 V
Nominalni naponski nivo U:	500 V

Conductor material:	bare copper
Conductor construction:	fine stranded class 6, up from 35 mm ² class 5
Insulation:	rubber (EPR) 3GI3, halogen-free
Sheathing material:	rubber (CR) 5GM3
Flame retardant:	VDE 0482-332-1-2/IEC 60332-1
Ozone resistant:	yes
Maximum temperature at conductor:	90°C
Max. operating temperature, fixed:	-40 - +80°C
Temperature, moved/during installation:	-35 - +80°C
Bending radius, fixed installation:	5 x DA
Bending radius, moved application:	10 x DA
Nominal voltage U ₀ :	300 V
Nominal voltage U:	500 V

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Naziv kabla	Presek	Boja	OP	SOS	SK	VK	MKO	CU	T
Cable name	Cross section	Color	Ω/km	A	mm	mm	N	kg/km	kg/km
NGFLGOEU-J	04X1,5	crna / black	13,7	23	17,5	6,2	90	58	200
NGFLGOEU-J	05X1,5	crna / black	13,7	23	21,5	6,2	112	72	240
NGFLGOEU-J	07X1,5	crna / black	13,7	23	29,1	6,2	157	101	360
NGFLGOEU-J	08X1,5	crna / black	13,7	23	31,5	6,2	180	115	370
NGFLGOEU-J	10X1,5	crna / black	13,7	23	39,9	6,5	225	144	460
NGFLGOEU-J	12X1,5	crna / black	13,7	23	47,1	6,5	270	173	620
NGFLGOEU-J	24X1,5	crna / black	13,7	23	55,1	12,5	540	346	1300
NGFLGOEU-J	04X2,5	crna / black	8,21	31	21,1	7,5	150	96	280












Naziv kabla	Presek	Boja	OP	SOS	SK	VK	MKO	CU	T
Cable name	Cross section	Color	Ω/km	A	mm	mm	N	kg/km	kg/km
NGFLGOEU-J	05X2,5	crna / black	8,21	31	27,1	7,5	187	120	332
NGFLGOEU-J	07X2,5	crna / black	8,21	31	34,9	7,5	262	168	520
NGFLGOEU-J	08X2,5	crna / black	8,21	31	39,1	7,5	300	192	550
NGFLGOEU-J	10X2,5	crna / black	8,21	31	47,9	8,1	375	240	680
NGFLGOEU-J	12X2,5	crna / black	8,21	31	56,1	8,1	450	288	800
NGFLGOEU-J	24X2,5	crna / black	8,21	31	68,2	16,2	900	576	1480
NGFLGOEU-J	04X4	crna / black	4,95	42	26,1	9,1	240	154	410
NGFLGOEU-J	05X4	crna / black	4,95	42	32,1	9,1	300	192	560
NGFLGOEU-J	07X4	crna / black	4,95	42	41,9	9,1	420	269	700
NGFLGOEU-J	04X6	crna / black	3,3	54	29,1	9,5	360	230	600
NGFLGOEU-J	05X6	crna / black	3,3	54	35,1	9,5	450	288	650
NGFLGOEU-J	07X6	crna / black	3,3	54	42,1	9,5	630	403	850
NGFLGOEU-J	04X10	crna / black	1,91	75	33,1	11,1	600	384	800
NGFLGOEU-J	04X16	crna / black	1,21	100	37,8	12,9	960	614	1150
NGFLGOEU-J	05X10	crna / black	1,91	75	44,1	11,1	750	480	1135
NGFLGOEU-J	05X16	crna / black	1,21	100	49,8	12,9	1200	768	1450
NGFLGOEU-J	04X25	crna / black	0,78	127	49,5	15,1	1500	960	1700
NGFLGOEU-J	05X25	crna / black	0,78	127	59,8	16,1	1875	1200	2200
NGFLGOEU-J	07X25	crna / black	0,78	127	79,7	16,1	2625	1680	2930
NGFLGOEU-J	04X35	crna / black	0,554	158	54,9	17,1	2100	1344	2200
NGFLGOEU-J	07X35	crna / black	0,554	158	88,2	17,1	3675	2352	3820
NGFLGOEU-J	04X50	crna / black	0,386	192	62,8	18,9	1500	1920	3000
NGFLGOEU-J	04X70	crna / black	0,272	246	71,2	22,1	4200	2688	3910
NGFLGOEU-J	04X95	crna / black	0,206	298	79,8	24,8	5700	3648	5300
NGFLGOEU-J	04X120	crna / black	0,129	346	85,8	27,2	7200	4608	6400

Objašnjenje oznaka

OP	Otpor provodnika
SOS	Strujna opteretljivost (spolja)
SK	Širina kabla
VK	Visina kabla
MKO	Momenat kidanja prilikom poleganja
Cu	Težina bakra u kابلu
T	Ukupna težina kabla

Labels explanation

OP	Conductor resistance
SOS	Ampacity (in air)
SK	Cable width
VK	Cable height
MKO	Tensile strength (during installation)
Cu	Copper weight
T	Total weight

Indentifikacija žila	D-EPN NGFLGOU				
Core identification					
žile	Boje				
cores	Colors				
4					
	ž/yg	br/bw	cr/bc	si/gr	
5					
	ž/yg	pl/bl	br/bw	cr/bc	si/gr
5+		+ obeležavanje brojevima			
	ž/yg	+ numbering			

Objašnjenje boja

žz	žuto-zelena	yg	yellow-green
cr	crna	bc	black
pl	plava	bl	blue
br	braon	bw	brown
si	siva	gr	gray