

GREBENASTE SKLOPKE TIP PS ...
ROTARY CAM SWITCHES TYPE PS ...

Udovoljavaju : IEC 60947-3
 In conformity with: VDE 0660
 EN 60947 - 3
 Dozvoljena temperatura okoline °C: -25 do +55
 Permissible ambient temperature °C: -25 to +55



			PS 10	PS 16	PS 25	PS 32	PS 40	PS 63	PS 80	PS 100
Nazivni izolacijski napon Rated insulation voltage	U _i	V	400	400	690	690	690	690	690	690
Nazivni udarni podnosivi napon Rated impulse withstand voltage	U _{imp}	kV	4	4	6	6	6	6	6	6
Nazivna termička struja Rated thermal current	I _{th}	A	16	20	25	32	40	63	80	100
Glavna sklopka IEC 60947 (III/3) ⁽¹⁾ Main switch	Najveća vrijednost nazivnog pogonskog napona Max. Value of rated operational voltage	V	400	400	480	480	480	480	480	480
	Nazivni udarni podnosivi napon Rated impulse withstand voltage	kV	4	4	4	4	4	4	4	4
Max. Veličina osigurača za zaštitu od kratkog spoja gL 10 kA Max. Fuse size for short circuit protection gL 10 kA		A	20	25	35	40	50	63	80	80
Nazivna kratkotrajno podnosiva struja Rated short-time withstand current	1 sec 3 sec 10 sec 30 sec 60 sec	A	200 120 70 40 30	250 150 90 50 40	400 250 140 90 70	600 400 240 150 120	800 400 290 200 150	800 700 350 250 150	1000 800 400 300 160	1800 900 450 300 200
Nazivna pogonska struja le AC1/AC21 Rated operational current le AC1/AC21		A	10	16	25	32	40	63	80	100
Nazivna pogonska struja le AC15 Rated operational current le AC15	110/120 V 220/230 V 380/400 V 660/690 V	A	8 6 4	10 8 6	20 20 16 8	25 25 20 8.5	40 30 25 8.5	50 40 40 10		
Motorska sklopka za kategoriju upotrebe Motor switch in utilisation category	AC3/AC23 AC3/AC23									
	220/230 V 380/400 V 500/690 V	kW	2,5/3 4/6	3/5 5/7.5	5,5/6.5 7,5/11 11/11	7,5/8 11/15 15/18.5	9/9 15/18.5 19/22	11/15 18,5/22 22/30	12/18,5 22/32 28/45	19/22 32/37 42/55
	1-faza 2 pola 220/230 V 380/400 V	kW	0,8/0,8 1,5/1,7 2,2/3	0,8/0,8 2,2/2,5 3/3,7	1,5/1,5 3/3,7 5,5/5,5	2,5/2,5 4,8/5 6,5/7,5	2,5/3 5,5/6 7,5/9	3/3,5 6/9 11/15	- - -	- - -
Motorska sklopka za kategoriju upotrebe Motor switch in utilisation category	AC4 AC4									
	220/230 V 380/400 V 500/690 V	kW	1,2 1,8	1,5 3	2,5 4 4	3 5,5 7,5	5 8 8	6 11 11	7 12 12	9,5 16 16
Mehanička trajnost Mechanical endurance	broj ciklusa switching cycles	10 ⁶	3	3	3	3	3	2	2	2
Priljučni vijak Terminal screw			M3.5	M3.5	M3.5	M4	M5	M5	2xM5	2xM5
Oblik glave vijka Screw head			(+, -) PZ2	(+, -) PZ2	(+, -) PZ2	(+, -) PZ2	(+, -) PZ2	(+, -) PZ2	(-)	(-)
Moment pritezanja Tightening torque			0,8	0,8	0,8	1,2	1,8	2	2	2
Presjek vodiča Cable cross-section	Kruti / Rigid Finožičani / Flexible	mm ² mm ²	2x(1-2,5) 2x(1-2,5)	2x(1-2,5) 2x(1-2,5)	2x(1-4) 2x(1-4)	2x(2,5-6) 2x(2,5-6)	2x(2,5-10) 2x(2,5-10)	2x(4-16) 2x(4-16)	10-25 6-16 2x(6-10)	10-25 6-16 2x(6-10)
Stepen zaštite priključaka / Protection degree of terminals			IP 20	IP 20	IP 20	IP 20	IP 20	IP 20	IP 00	IP 00
TIP / TYPE			PS 10	PS 16	PS 25	PS 32	PS 40	PS 63	PS 80	PS 100
Broj šeme / No. of diagram										
Oblik ugradnje / Mounting form: Ugradna sklopka / Front mounting - U Ugradnja sa stražnje strane / Rear mounting - O										

Prednji sklop izrađuje se standardno u sivo-crnoj boji.
 Front plate in a standard manner it is being produced in gray and black colour.

(1) vrijedi za mreže sa uzemljenim zvjezdastim, prenaponska kategorija III, stupanj zagađenja 3.
 (1) valid for neutral earthed systems, overvoltage category III, pollution degree 3.

SKLOPKA ZA NUŽNO ISKLAPANJE IZVEDBA "LK" SA ZAKLJUČAVANJE U "0"
GENERAL EMERGENCY ON - OFF SWITCH VERSION "LK" WITH PADLOCKING ONLY IN "0"

- "LK" - Glavna sklopka za nužno isklapanje
- Kontrolna ručica saglasno standardima je crvena, prednja ploča ispod ručice je žuta.
- Glavna sklopka ima mogućnosti zaključavanje u "0" položbu do tri katanaca.
Emergency switch have to make electrical separation between el. supply and electrical equipment.
- Control handle according the Standards is Red, and the plate behind the handle yellow.
- Emergency switch is able to lock in the open position "0" up to three padlocks.



PS 25 10 LK (Three-pole)
 PS 32 10 LK (Three-pole)
 PS 40 10 LK (Three-pole)
 PS 63 10 LK (Three-pole)



PS 25 92 LK (Four-pole)
 PS 32 92 LK (Four-pole)
 PS 40 92 LK (Four-pole)
 PS 80 92 LK (Four-pole)
 PS 100 92 LK (Four-pole)

SKLOPKA U PLASTIČNOM KUČIŠTU
ROTARY CAM SWITCHES IN INSULATED ENCLOSURES

Sklopka u plastičnom kućištu Switch in insulated enclosures	PN	PNPS 10 PNPS 16 PNPS 25	IP 65	65x82x98
Dimenzije AxBxC u mm Dimension AxBxC in mm				
Sklopka u plastičnom kućištu Switch in insulated enclosures	PNG	PNGPS 25 PNGPS 32 PNGPS 40	IP 65	90x135x110
Dimenzije AxBxC u mm Dimension AxBxC in mm				
Sklopka u plastičnom kućištu Switch in insulated enclosures	PNG LK	PNGPS 25 .. LK PNGPS 32 .. LK PNGPS 40 .. LK	IP 65	90x135x110
Dimenzije AxBxC u mm Dimension AxBxC in mm				

PREGLED NAJUČESTALJIH ŠEMA
SURVEY OF THE MOST FREQUENT SWITCHING DIAGRAMS

FUNKCIJA FUNCTION	Podloga Escutch. plate	Br.šema No. of diagram	DIAGRAM	Br. Elem. No. of elem.
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ON-OFF SKLOPKE SA KUTOM ZAKRETA 60° / ON-OFF SWITCHES WITH 60° SWITCHING ANGLE

1 polna / 1 pole		90		1
2 polna / 2 pole		91		1
3 polna / 3 pole		10		2
4 polna / 4 pole		92		2
5 polna / 5 pole		99		3
6 polna / 6 pole	100	3		

PREKLOPKE SA "0" POLOŽAJEM-KUT ZAKRETA 60° / CHANGEOVER SWITCHES WITH "0" SWITCHING

1 polna / 1 pole		5 1		1
2 polna / 2 pole		5 2		2
3 polna / 3 pole		5 3		3
4 polna / 4 pole		7 5		4
5 polna / 5 pole		7 6		5
6 polna / 6 pole		7 7		6

MOTORSKE REVERZIJNE SKLOPKE / MOTOR REVERSING SWITCHES

3 polna / 3 pole		11		3
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ZVIJEZDA - TROKUT SKLOPKE / STAR - DELTA SWITCHES

Standardna izvedba Standard version		12		4
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VOLTMETARSKE SKLOPKE / VOLTMETER SWITCHES

3 linijska napona i 3 fazna napona 3 line voltage and 3 phase voltage		66		3
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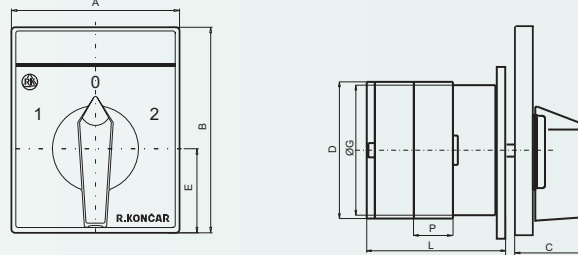
3 linijska napona 3 line voltage		67		2
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AMPERMETARSKE SKLOPKE / AMMETER SWITCHES

2 polna 0-položaj 3 struje (sa ili bez strujnih transformatora) 2 pole 0-position 3 current (with or without current transformers)		97		6
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1 polna 3 struje (sa strujnim transformatorom) 1 pole 3 current (with current transformers)		98		4
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MJERNE SKICE / DIMENSIONAL DRAWINGS (mm)



TIP / TYPE	OZNAKA / MARKING							BROJ ELEMENTA (L/mm) / NUMBER OF ELEMENTS											
	A	B	E	C	D	ØG	P	1	2	3	4	5	6	7	8	9	10	11	12
PS 10	48	60	24	26	38,6	38,6	12,8	32,5	45,3	58,1	70,9	83,7	96,5	109,3	122,1	134,9	147,7	160,5	173,3
PS 16	48	60	24	26	38,6	38,6	12,8	32,5	45,3	58,1	70,9	83,7	96,5	109,3	122,1	134,9	147,7	160,5	173,3
PS 25	48	60	24	26	45,2	38,6	12,8	32,5	45,3	58,1	70,9	83,7	96,5	109,3	122,1	134,9	147,7	160,5	173,3
PS 32	65	80	32,5	33	53	38,6	12,8	37	49,8	62,6	75,4	88,2	101	113,8	126,6	139,4	152,2	165	177,8
PS 40	65	80	32,5	33	61	56,4	17,5	50,6	68,1	85,6	103,1	120,6	138,1	155,6	173,1	190,6	208,1	225,6	243,1
PS 63	90	110	45	41	68,6	56,4	20,5	42,5	63	83,5	104	124,5	145	168,5	186	208,5	227	247,5	268
PS 80	90	110	45	41	84	80	25	67,5	92,5	117,5	142,5	167,5	192,5	217,5	242,5	267,5	292,5	317,5	342,5
PS 100	90	110	45	41	84	80	25	67,5	92,5	117,5	142,5	167,5	192,5	217,5	242,5	267,5	292,5	317,5	342,5

TIPI / TYPE	a				b				d				f							
	PS 10	36	32	10	4.2															
PS 16																				
PS 25																				
PS 32																				
PS 40	48	45	10	4.2																
PS 63																				
PS 80	72	40	14	5.3																
PS 100																				

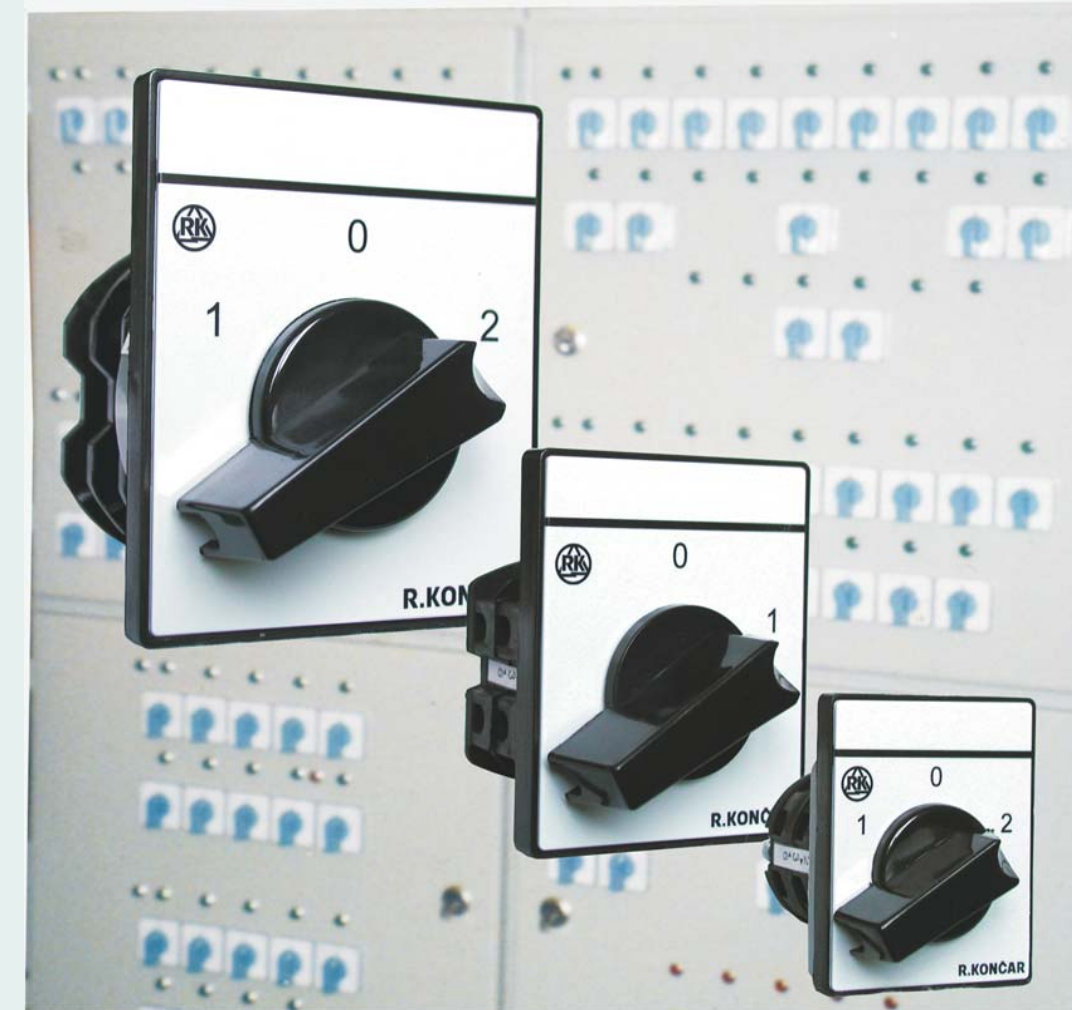
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Serijska: PS ...
Serie: PS ...

