



EVO MODULÁRNE PRÍSTROJE



EVOZ, TDZ

TRACON IСТИČE
RAZ A NAVŽDY!





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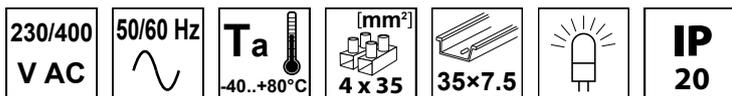


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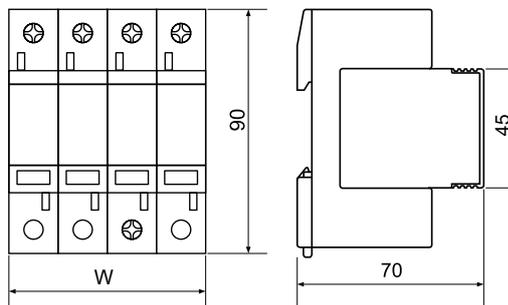
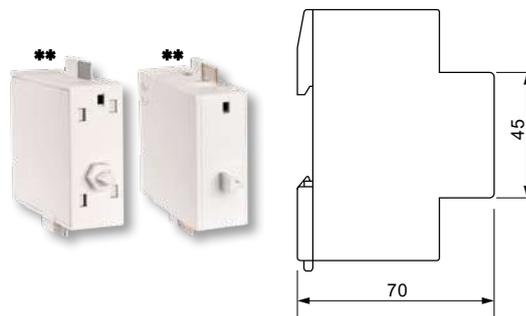
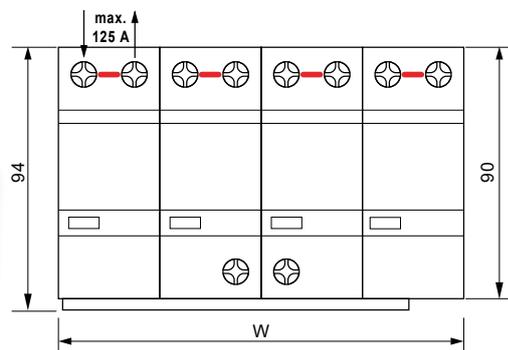
Zvodiče prepätia, typ 1+2



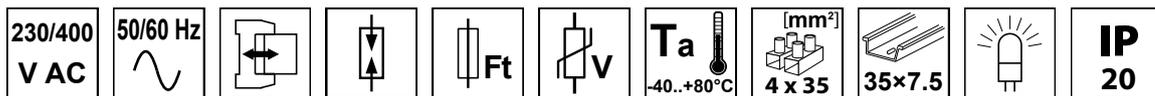
TRACON	xP	U _c	I _{imp} L-N/(N-PE)1P 10/350µs	I _n L-N/(N-PE) 8/20µs	I _{max} 8/20µs	U _p L-N/(N-PE)	gG	W (mm)	
ESPD1+2-50-1P	1P	385 V AC	50 kA	50 kA	160 kA	≤ 2,5 kV	500 A	TN	36
ESPD1+2-50-2P	2P	385 V AC	50 kA	50 kA	160 kA	≤ 2,5 kV		TN	72
ESPD1+2-50-3P	3P	385 V AC	50 kA	50 kA	160 kA	≤ 2,5 kV		TN-C	108
ESPD1+2-50-4P	4P	385 V AC	50 kA	50 kA	160 kA	≤ 2,5 kV		TN-S	144
ESPD1+2-50-1+1P	1+1P	385 V AC	50 kA / 100 kA	50 kA / 100 kA	160 kA / 200 kA	≤ 2,5 kV		TN, TT	72
ESPD1+2-50-3+1P	3+1P	385 V AC	50 kA / 100 kA	50 kA / 100 kA	160 kA / 200 kA	≤ 2,5 kV		TN-S, TT	144
ESPD1+2-12.5-1P	1P	275 V AC	12,5 kA	20 kA	50 kA	≤ 1,3 kV	160 A	TN	18
ESPD1+2-12.5-2P	2P	275 V AC	12,5 kA	20 kA	50 kA	≤ 1,3 kV		TN	36
ESPD1+2-12.5-3P	3P	275 V AC	12,5 kA	20 kA	50 kA	≤ 1,3 kV		TN-C	54
ESPD1+2-12.5-4P	4P	275 V AC	12,5 kA	20 kA	50 kA	≤ 1,3 kV		TN-S	72
ESPD1+2-12.5-1+1P	1+1P	275 V AC	12,5 kA	20 kA / 40 kA	50 kA / 70 kA	≤ 1,3 kV / 1,5 kV		TN, TT	36
ESPD1+2-12.5-3+1P	3+1P	275 V AC	12,5 kA	20 kA / 40 kA	50 kA / 70 kA	≤ 1,3 kV / 1,5 kV		TN-S, TT	72
ESPD1+2-12.5M*	1P	275 V AC	12,5 kA	20 kA	50 kA	≤ 1,3 kV	-	TN	18
ESPD1+2-12.5MO*	1P	275 V AC	12,5 kA	20 kA	50 kA	≤ 1,3 kV	-	TN	18
ESPD1+2-12.5NPE*	+1P	275 V AC	12,5 kA	40 kA	70 kA	≤ 1,5 kV	-	TN, TT	18
ESPD1+2-12.5NPEO*	+1P	275 V AC	12,5 kA	40kA	70kA	≤ 1,5 kV	-	TN, TT	18

* náhradné moduly

** typ zámku



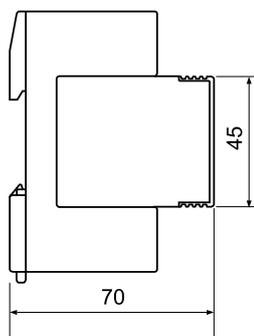
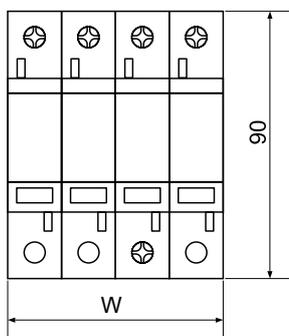
Zvodiče prepätia, typ 2.



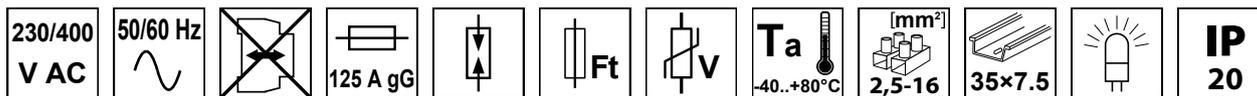
TRACON	xP	U _c	I _n L-N/(N-PE) 8/20μs	I _{max} 8/20μs	U _p L-N/(N-PE)	gG	w	W (mm)
ESPD2-40-1P	1P	275 V AC	20 kA	40 kA	≤ 1,3 kV	125 A	TN	18
ESPD2-40-2P	2P	275 V AC	20 kA	40 kA	≤ 1,3 kV		TN	36
ESPD2-40-3P	3P	275 V AC	20 kA	40 kA	≤ 1,3 kV		TN-C	54
ESPD2-40-4P	4P	275 V AC	20 kA	40 kA	≤ 1,3 kV		TN-S	72
ESPD2-40-1+1P	1+1P	275 / 255 V AC	20 kA	40 kA	≤ 1,3 kV / 1,5 kV		TN, TT	36
ESPD2-40-3+1P	3+1P	275 / 255 V AC	20 kA	40 kA	≤ 1,3 kV / 1,5 kV		TN-S, TT	72
ESPD2-40M*	1P	275 V AC	20 kA	40 kA	≤ 1,3 kV	-	TN	18
ESPD2-40MO*	1P	275 V AC	20 kA	40 kA	≤ 1,3 kV	-	TN	18
ESPD2-40NPE*	+1P	255 V AC	20 kA	40 kA	≤ 1,5 kV	-	TN, TT	18
ESPD2-40NPEO*	+1P	255 V AC	20 kA	40 kA	≤ 1,5 kV	-	TN, TT	18
ESPD2-70-1P	1P	275 V AC	40 kA	70 kA	≤ 1,7 kV	200 A	TN	18
ESPD2-70-2P	2P	275 V AC	40 kA	70 kA	≤ 1,7 kV		TN	36
ESPD2-70-3P	3P	275 V AC	40 kA	70 kA	≤ 1,7 kV		TN-C	54
ESPD2-70-4P	4P	275 V AC	40 kA	70 kA	≤ 1,7 kV		TN-S	72
ESPD2-70-1+1P	1+1P	275 / 255 V AC	40 kA	70 kA	≤ 1,7 kV / 1,5 kV		TN, TT	36
ESPD2-70-3+1P	3+1P	275 / 255 V AC	40 kA	70 kA	≤ 1,7 kV / 1,5 kV		TN-S, TT	72
ESPD2-70M*	1P	275 V AC	40 kA	70 kA	≤ 1,7 kV	-	TN	18
ESPD2-70MO*	1P	275 V AC	40 kA	70 kA	≤ 1,7 kV	-	TN	18
ESPD2-70NPE*	+1P	255 V AC	40 kA	70 kA	≤ 1,5 kV	-	TN, TT	18
ESPD2-70NPEO*	+1P	255 V AC	40 kA	70 kA	≤ 1,5 kV	-	TN, TT	18

* náhradné moduly

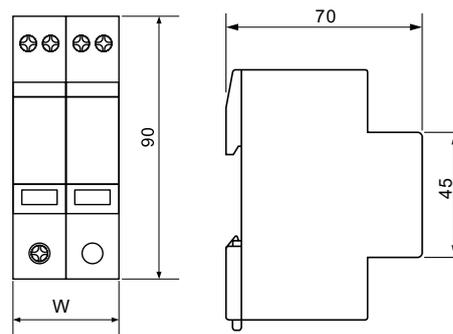
** typ zámku



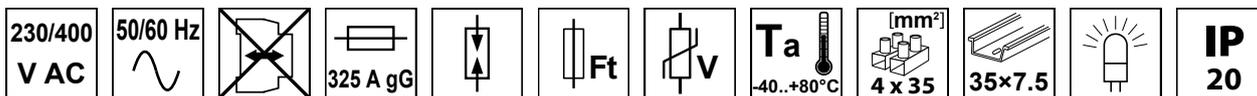
Zvodiče prepätia, typ 2+3.



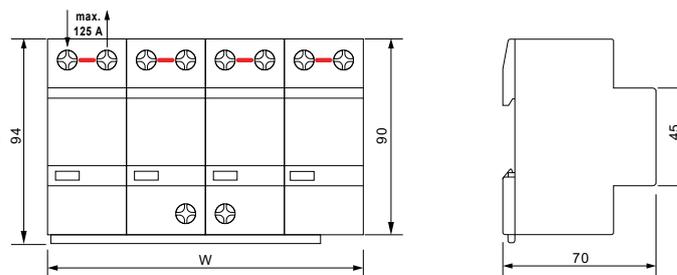
TRACON	xP	U _c	I _n L-N/(N-PE) 8/20µs	I _{max} 8/20µs	U _{oc}	U _p L-N/(N-PE)		W (mm)
ESPD2+3-40-2P	2P	275 V AC	20 kA	40 kA	10 kV	≤ 1,3 kV	TN	18
ESPD2+3-40-4P	4P	275 V AC	20 kA	40 kA	10 kV	≤ 1,3 kV	TN-S	36
ESPD2+3-40-1+1P	1+1P	275 V AC	20 kA	40 kA	10 kV	≤ 1,3 kV / 1,5 kV	TN, TT	18
ESPD2+3-40-3+1P	3+1P	275 V AC	20 kA	40 kA	10 kV	≤ 1,3 kV / 1,5 kV	TN-S, TT	36



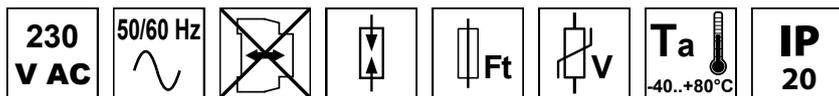
Zvodiče prepätia, typ 1+2+3.



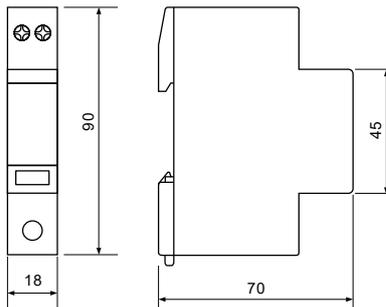
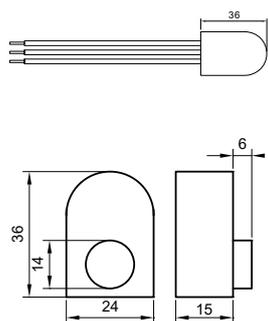
TRACON	xP	U _c	I _{imp} L-N/(N-PE)1P 10/350µs	I _n L-N/(N-PE) 8/20µs	I _{max} 8/20µs	U _{oc}	U _p L-N/(N-PE)		W (mm)
ESPD1+2+3-25-1P	1P	275 V AC	25 kA	25 kA	100 kA	20 kV	≤ 1,3 kV	TN	36
ESPD1+2+3-25-2P	2P	275 V AC	25 kA	25 kA	100 kA	20 kV	≤ 1,3 kV	TN	72
ESPD1+2+3-25-3P	3P	275 V AC	25 kA	25 kA	100 kA	20 kV	≤ 1,3 kV	TN-C	108
ESPD1+2+3-25-4P	4P	275 V AC	25 kA	25 kA	100 kA	20 kV	≤ 1,3 kV	TN-S	144
ESPD1+2+3-25-1+1P	1+1P	275 V AC	25 kA / 100 kA	25 kA / 100 kA	100 kA	20 kV	≤ 1,3 kV / 1,5 kV	TN, TT	72
ESPD1+2+3-25-3+1P	3+1P	275 V AC	25 kA / 100 kA	25 kA / 100 kA	100 kA	20 kV	≤ 1,3 kV / 1,5 kV	TN-S, TT	144



Zvodiče prepätia, typ 3.

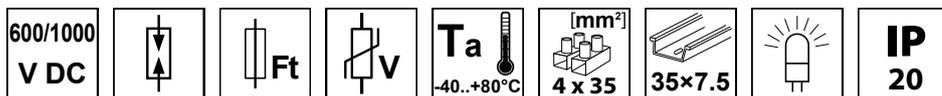


TRACON	xP	U _n	U _c	I _n L-N/(N-PE) 8/20µs	I _{max} 8/20µs	U _{oc}	U _p	gG	W (mm)	
ESPD3-3-2P	1+1P	230 V AC	275 V AC	3 kA	6 kA	6 kV	≤ 1,2 kV	16 A	TN, TT	36×24×15
ESPD3-5-1+1P	1+1P	230 V AC	275 V AC	5 kA	10 kA	10 kV	≤ 1,1 kV	32 A	TN, TT	18
ESPD3-5-2P	2P	230 V AC	275 V AC	5 kA	10 kA	10 kV	≤ 1,1 kV	32 A	TN	18
ESPD3-10-1+1P	1+1P	230 V AC	275 V AC	10 kA	20 kA	20 kV	≤ 1,2 kV	63 A	TN, TT	18
ESPD3-10-2P	2P	230 V AC	275 V AC	10 kA	20 kA	20 kV	≤ 1,2 kV	63 A	TN	18



ESPD3-3-2P

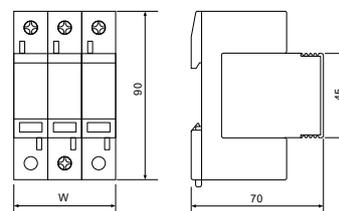
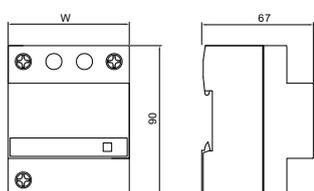
Zvodiče prepätia, typ DC



TRACON	xP	U _n	U _c	gG	I _{imp} L-N/(N-PE)1P 10/350µs	I _n L-N/(N-PE) 8/20µs	I _{max} 8/20µs	U _p	W (mm)
ESPD1+2-DC50-600	3P	600 V DC	800 V DC	200 A	12,5 kA	20 kA	50 kA	≤ 3 kV	72
ESPD1+2-DC50-1000	3P	1.000 V DC	1.200 V DC		12,5 kA	20 kA	50 kA	≤ 4 kV	72
ESPD2-DC40-600	3P	600 V DC	800 V DC	125 A	-	20 kA	40 kA	≤ 3 kV	72
ESPD2-DC40-1000	3P	1.000 V DC	1.200 V DC		-	20 kA	40 kA	≤ 4 kV	72
ESPD2-DC40-600V*	**	600 V DC	800 V DC	-	-	20 kA	40 kA	≤ 3 kV	18
ESPD2-DC40-600VO*	**	600 V DC	800 V DC	-	-	20 kA	40 kA	≤ 3 kV	18
ESPD2-DC40-600VG*	**	600 V DC	800 V DC	-	-	20 kA	40 kA	≤ 3 kV	18
ESPD2-DC40-600VGO*	**	600 V DC	800 V DC	-	-	20 kA	40 kA	≤ 3 kV	18
ESPD2-DC40-1000V*	**	1.000 V DC	1.200 V DC	-	-	20 kA	40 kA	≤ 4 kV	18
ESPD2-DC40-1000VO*	**	1.000 V DC	1.200 V DC	-	-	20 kA	40 kA	≤ 4 kV	18
ESPD2-DC40-1000VG*	**	1.000 V DC	1.200 V DC	-	-	20 kA	40 kA	≤ 4 kV	18
ESPD2-DC40-1000VGO*	**	1.000 V DC	1.200 V DC	-	-	20 kA	40 kA	≤ 4 kV	18

* náhradné moduly

** typ zámku



Ističe EVOZ so skratovou odolnosťou 6 kA



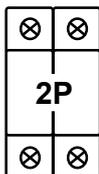
230/400 V AC	x20.000	x4.000	IP 20	35x7.5	[mm²] 1,0-25	Ta -25...+55°C	U_i 500 V		I_{cn} EN 60898 6 kA	OFF
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TRACON



I_n (A)

Type B	Type C	I _n (A)
EVOZ1B1	EVOZ1C1	1
EVOZ1B2	EVOZ1C2	2
EVOZ1B4	EVOZ1C4	4
EVOZ1B6	EVOZ1C6	6
EVOZ1B10	EVOZ1C10	10
EVOZ1B13	EVOZ1C13	13
EVOZ1B16	EVOZ1C16	16
EVOZ1B20	EVOZ1C20	20
EVOZ1B25	EVOZ1C25	25
EVOZ1B32	EVOZ1C32	32
EVOZ1B40	EVOZ1C40	40
EVOZ1B50	EVOZ1C50	50
EVOZ1B63	EVOZ1C63	63
EVOZ2B1	EVOZ2C1	1
EVOZ2B2	EVOZ2C2	2
EVOZ2B4	EVOZ2C4	4
EVOZ2B6	EVOZ2C6	6
EVOZ2B10	EVOZ2C10	10
EVOZ2B13	EVOZ2C13	13
EVOZ2B16	EVOZ2C16	16
EVOZ2B20	EVOZ2C20	20
EVOZ2B25	EVOZ2C25	25
EVOZ2B32	EVOZ2C32	32
EVOZ2B40	EVOZ2C40	40
EVOZ2B50	EVOZ2C50	50
EVOZ2B63	EVOZ2C63	63

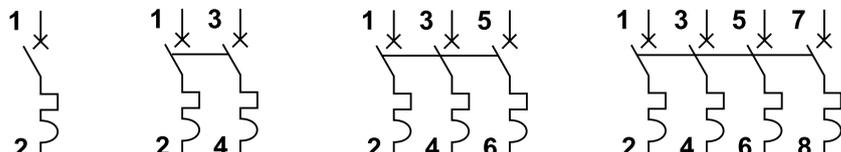
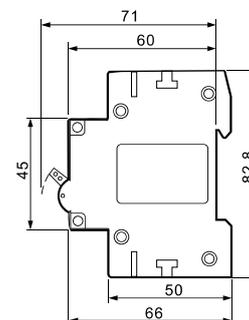
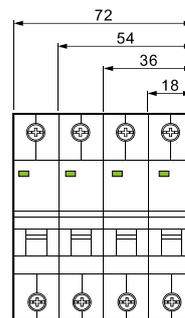
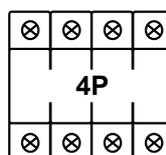


TRACON



I_n (A)

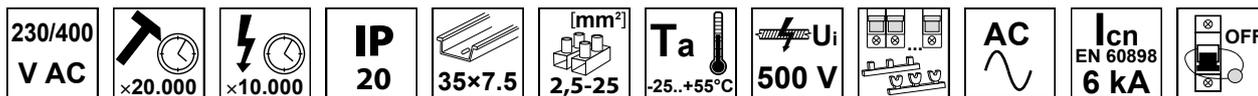
Type B	Type C	I _n (A)
EVOZ3B1	EVOZ3C1	1
EVOZ3B2	EVOZ3C2	2
EVOZ3B4	EVOZ3C4	4
EVOZ3B6	EVOZ3C6	6
EVOZ3B10	EVOZ3C10	10
EVOZ3B13	EVOZ3C13	13
EVOZ3B16	EVOZ3C16	16
EVOZ3B20	EVOZ3C20	20
EVOZ3B25	EVOZ3C25	25
EVOZ3B32	EVOZ3C32	32
EVOZ3B40	EVOZ3C40	40
EVOZ3B50	EVOZ3C50	50
EVOZ3B63	EVOZ3C63	63
EVOZ4B1	EVOZ4C1	1
EVOZ4B2	EVOZ4C2	2
EVOZ4B4	EVOZ4C4	4
EVOZ4B6	EVOZ4C6	6
EVOZ4B10	EVOZ4C10	10
EVOZ4B13	EVOZ4C13	13
EVOZ4B16	EVOZ4C16	16
EVOZ4B20	EVOZ4C20	20
EVOZ4B25	EVOZ4C25	25
EVOZ4B32	EVOZ4C32	32
EVOZ4B40	EVOZ4C40	40
EVOZ4B50	EVOZ4C50	50
EVOZ4B63	EVOZ4C63	63



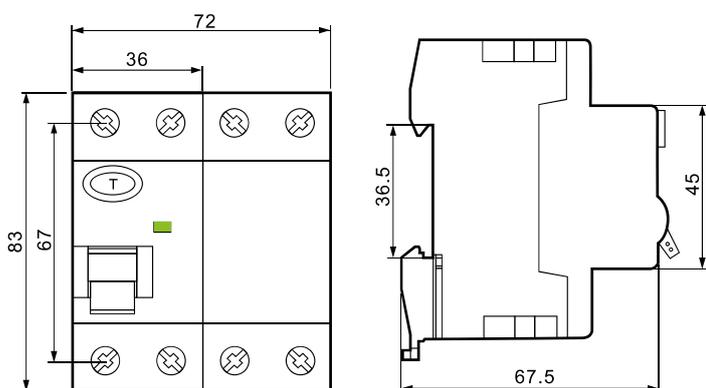
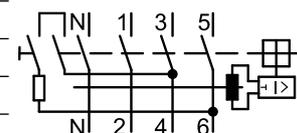
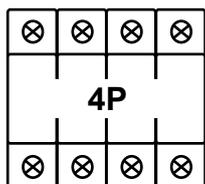
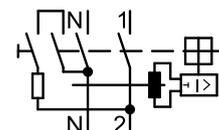
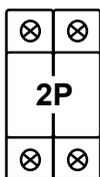
RELEVANT STANDARD EN 60898-1

RELEVANT STANDARD EN 60947-2

Prúdové chrániče EVOV



TRACON	I_n (A)	$I_{\Delta n}$ (mA)
EVOV2P2503	25	30
EVOV2P4003	40	30
EVOV2P6303	63	30
EVOV2P8003	80	30
EVOV2P251	25	100
EVOV2P401	40	100
EVOV2P631	63	100
EVOV2P801	80	100
EVOV2P253	25	300
EVOV2P403	40	300
EVOV2P633	63	300
EVOV2P803	80	300
EVOV4P2503	25	30
EVOV4P4003	40	30
EVOV4P6303	63	30
EVOV4P8003	80	30
EVOV4P251	25	100
EVOV4P401	40	100
EVOV4P631	63	100
EVOV4P801	80	100
EVOV4P253	25	300
EVOV4P403	40	300
EVOV4P633	63	300
EVOV4P803	80	300

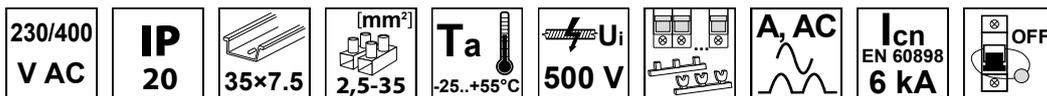


RELEVANT STANDARD
EN 61008-1

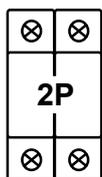


Na siete so striedavým
prúdom!

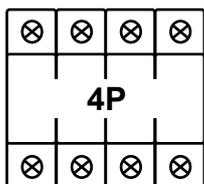
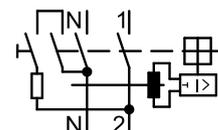
Prúdové chrániče EVOG



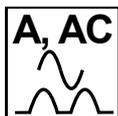
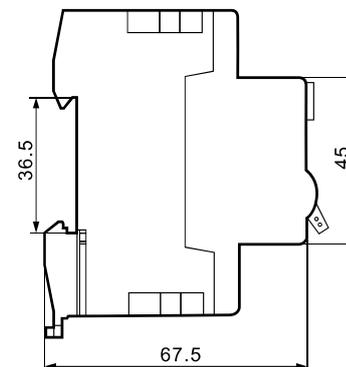
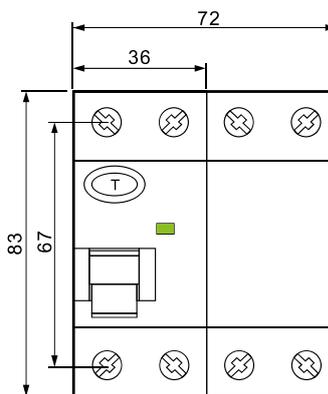
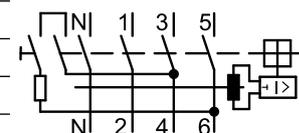
TRACON	I_n (A)	$I_{\Delta n}$ (mA)
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EVOG2P2503	25	30
EVOG2P4003	40	30
EVOG2P6303	63	30
EVOG2P8003	80	30
EVOG2P251	25	100
EVOG2P401	40	100
EVOG2P631	63	100
EVOG2P801	80	100
EVOG2P253	25	300
EVOG2P403	40	300
EVOG2P633	63	300
EVOG2P803	80	300



EVOG4P2503	25	30
EVOG4P4003	40	30
EVOG4P6303	63	30
EVOG4P8003	80	30
EVOG4P251	25	100
EVOG4P401	40	100
EVOG4P631	63	100
EVOG4P801	80	100
EVOG4P253	25	300
EVOG4P403	40	300
EVOG4P633	63	300
EVOG4P803	80	300

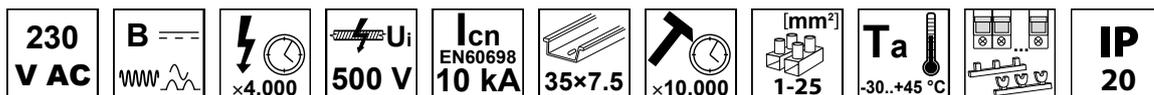


Na siete so striedavým a pulzujúcim jednosmerným prúdom!

RELEVANT STANDARD
EN 61008-1

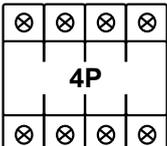


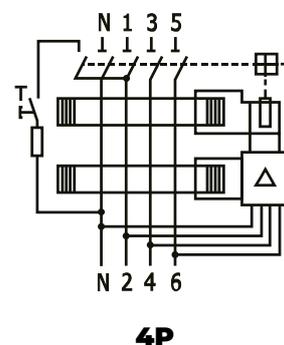
EVOB Prúdové chrániče, Typ B, 10 kA



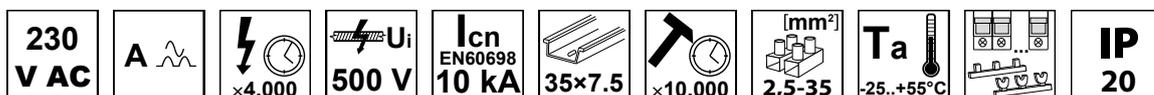
STRIEDAVÝ CHYBOVÝ PRÚD S HARMONICKÝM PRIEBEHOM, JEDNOSMERNÝ PULZUJÚCI PRÚD, JEDNOSMERNÝ PULZUJÚCI PRÚD SUPERPONOVANÝ NA VYHLADENOM JEDNOSMERNOM PRÚDE



TRACON		I_n (A)	$I_{\Delta n}$ (mA)
 2P	EVOB2P1603	16A	30 mA
	EVOB2P2503	25A	
	EVOB2P4003	40A	
	EVOB2P6303	63A	
	EVOB2P8003	80A	
 4P	EVOB4P1603	16A	30 mA
	EVOB4P2503	25A	
	EVOB4P4003	40A	
	EVOB4P6303	63A	
	EVOB4P8003	80A	

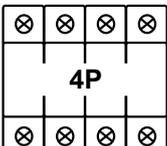


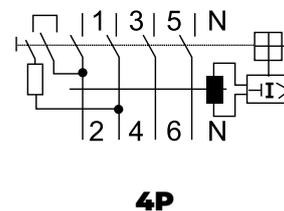
EVOAG Prúdový chránič, Typ A, 10 kA



STRIEDAVÝ CHYBOVÝ PRÚD S HARMONICKÝM PRIEBEHOM, JEDNOSMERNÝ PULZUJÚCI PRÚD



TRACON		I_n (A)	$I_{\Delta n}$ (mA)
 2P	EVOAG2P1603	16A	30 mA
	EVOAG2P2503	25A	
	EVOAG2P4003	40A	
	EVOAG2P6303	63A	
	EVOAG2P8003	80A	
 4P	EVOAG4P1603	16A	30 mA
	EVOAG4P2503	25A	
	EVOAG4P4003	40A	
	EVOAG4P6303	63A	
	EVOAG4P8003	80A	



EVOAGS Prúdové chrániče s oneskoreným vypnutím, Typ A/S, 10 kA

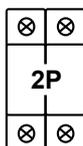
230 V AC	A S	x4.000	500 V	I_{cn} EN60698 10 kA	35x7.5	x10.000	[mm²] 2,5-35	T_a -25..+55°C	IP 20
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Typ A/S	10 kA	A S
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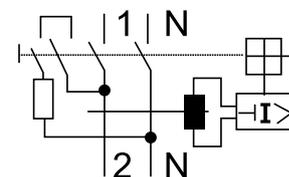
STRIEDAVÝ CHYBOVÝ PRÚD S HARMONICKÝM PRIEBEHOM, JEDNOSMERNÝ PULZUJÚCI PRÚD

TRACON	I _n (A)	I Δ _n (mA)
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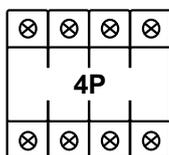


EVOAGS2P251	25A
EVOAGS2P401	40A
EVOAGS2P631	63A
EVOAGS2P801	80A
EVOAGS2P1001	100A
EVOAGS2P253	25A
EVOAGS2P403	40A
EVOAGS2P633	63A
EVOAGS2P803	80A
EVOAGS2P1003	100A

100 mA

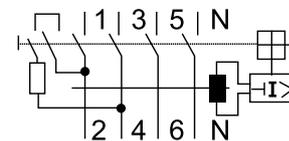


300 mA



EVOAGS4P251	25A
EVOAGS4P401	40A
EVOAGS4P631	63A
EVOAGS4P801	80A
EVOAGS4P1001	100A
EVOAGS4P253	25A
EVOAGS4P403	40A
EVOAGS4P633	63A
EVOAGS4P803	80A
EVOAGS4P1003	100A

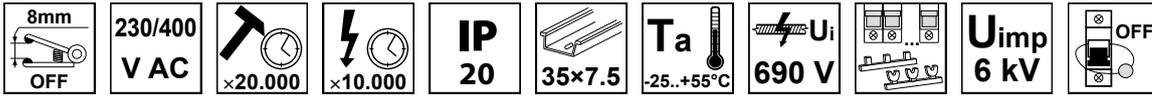
100 mA



300 mA

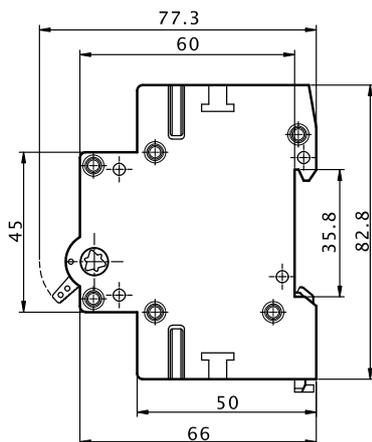
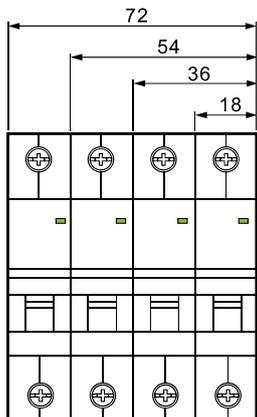
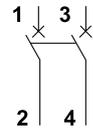
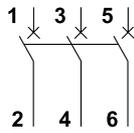
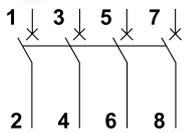


Modulárne vypínače EVOTIK



TRACON	I_n (A)	mm^2	
TIK1-20	20	1,5-50	
TIK1-25	25		
TIK1-32	32		
TIK1-40	40		
TIK1-63	63		
TIK1-80	80		
TIK1-100	100		
TIK1-125	125		
TIK2-20	20		1,5-50
TIK2-25	25		
TIK2-32	32		
TIK2-40	40		
TIK2-63	63		
TIK2-80	80		
TIK2-100	100		
TIK2-125	125		

TRACON	I_n (A)	mm^2
TIK3-20	20	1,5-50
TIK3-25	25	
TIK3-32	32	
TIK3-40	40	
TIK3-63	63	
TIK3-80	80	
TIK3-100	100	
TIK4-20	20	1,5-50
TIK4-25	25	
TIK4-32	32	
TIK4-40	40	
TIK4-63	63	
TIK4-80	80	
TIK4-100	100	
TIK4-125	125	



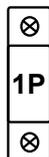
RELEVANT STANDARD
EN 60947-3



Modulárne prepínače EVOSVK

230/400 V AC	x30.000	x10.000	IP 20	35x7.5	[mm ²] 1-16	Ta -25..+55°C	U_i 690 V		U_{imp} 6 kV	1 0 2
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TRACON	I _n (A)
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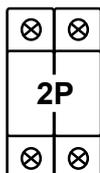


SVK1-16	16
SVK1-32	32
SVK1-63	63

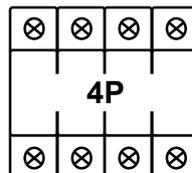
TRACON	I _n (A)
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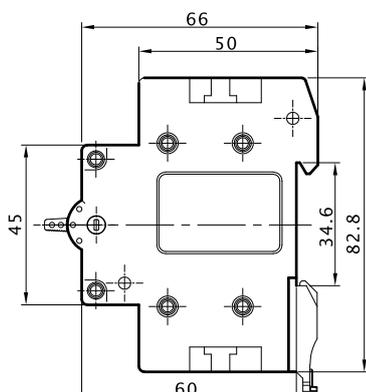
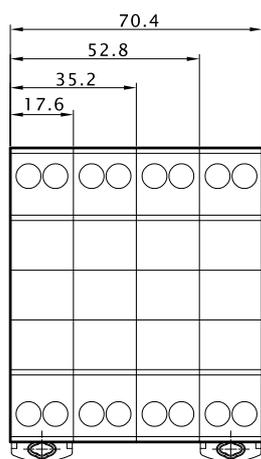
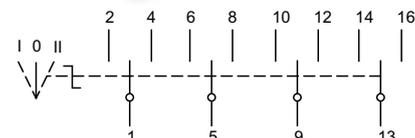
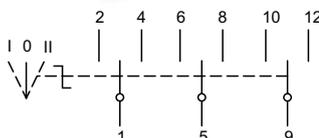
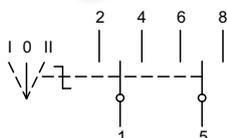
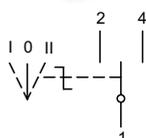
SVK3-16	16
SVK3-32	32
SVK3-63	63



SVK2-16	16
SVK2-32	32
SVK2-63	63



SVK4-16	16
SVK4-32	32
SVK4-63	63

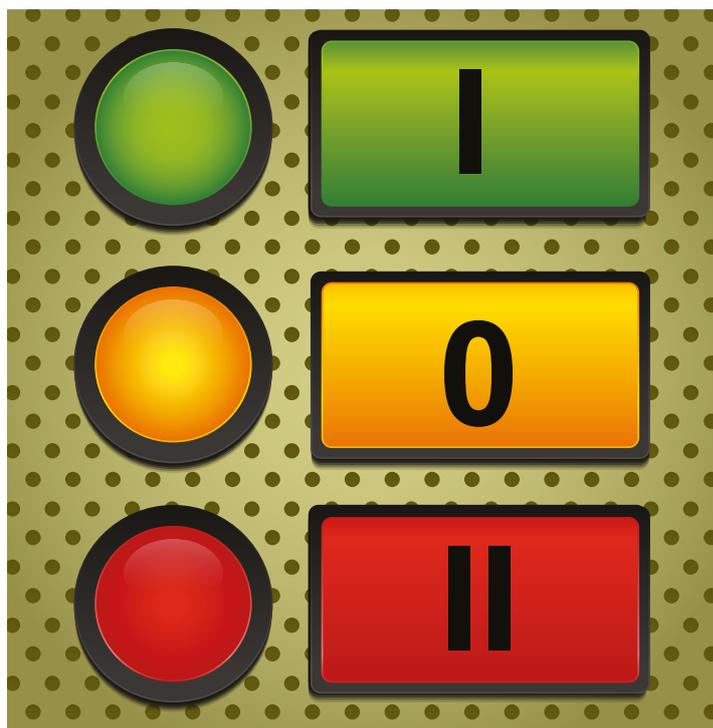


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EN 60947-3

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EN 60669-1



TŮV MEEI TEST DOCUMENTATION
28211822 001



Modulárne otočné odpínače na visiaci zámok EVOMS

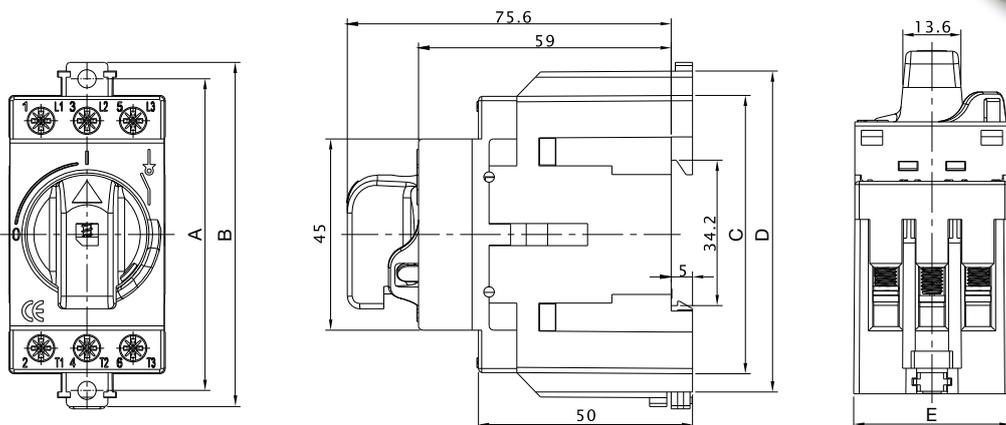
230/400 V AC
IP 20
35×7.5
T_a -25..+55°C
U_i 800 V


TRACON	I _{th} (40 °C)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	mm ²
EVOMS16/3	16A/3P						
EVOMS20/3	20A/3P	73,3	81	65,5	75,5	36,5	1,5-16
EVOMS25/3	25A/3P						
EVOMS40/3	40A/3P						
EVOMS80/3	80A/3P						
EVOMS100/3	100A/3P	88	97,5	76,5	93,5	52	25-50
EVOMS125/3	125A/3P						



EVOMS80

EVOMS16

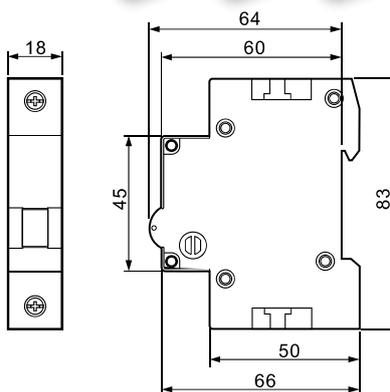


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EN 60947-3

Modulárne kontrolky EVOSLJL

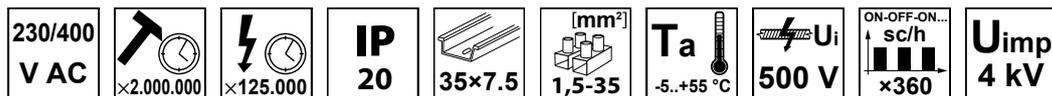
P_m 0,8 VA
20.000 [h]
IP 20
1-25 [mm²]
35×7.5
T_a -25..+55°C

TRACON	Color	U _n	LED
SLJL-AC230-P	Red	230 V AC	× 1 LED
SLJL-AC230-Z	Green	230 V AC	× 1 LED
SLJL-AC230-S	Yellow	230 V AC	× 1 LED
SLJL-AC230-F	White	230 V AC	× 1 LED
SLJL-AC230-K	Blue	230 V AC	× 1 LED
SLJL-AC24-P	Red	24 V AC	× 1 LED
SLJL-AC24-Z	Green	24 V AC	× 1 LED
SLJL-AC24-S	Yellow	24 V AC	× 1 LED
SLJL-AC24-F	White	24 V AC	× 1 LED
SLJL-AC24-K	Blue	24 V AC	× 1 LED
SLJL-AC230-3Z	Green, Yellow, Red	3×230 V AC	× 3 LED
SLJL-AC230-SZP	Yellow, Green, Red	3×230 V AC	× 3 LED
SLJL-DC220-P	Red	220 V DC	× 1 LED
SLJL-DC220-Z	Green	220 V DC	× 1 LED
SLJL-DC220-S	Yellow	220 V DC	× 1 LED
SLJL-DC220-F	White	220 V DC	× 1 LED
SLJL-DC220-K	Blue	220 V DC	× 1 LED
SLJL-DC24-P	Red	24 V DC	× 1 LED
SLJL-DC24-Z	Green	24 V DC	× 1 LED
SLJL-DC24-S	Yellow	24 V DC	× 1 LED
SLJL-DC24-F	White	24 V DC	× 1 LED
SLJL-DC24-K	Blue	24 V DC	× 1 LED

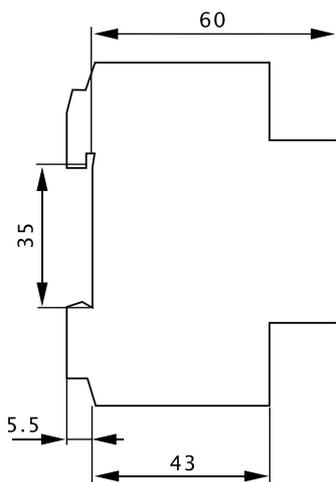
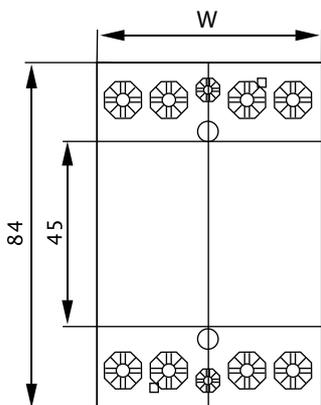


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EN 62094-1
EN 60947-5

Modulárne stykače EVOHK

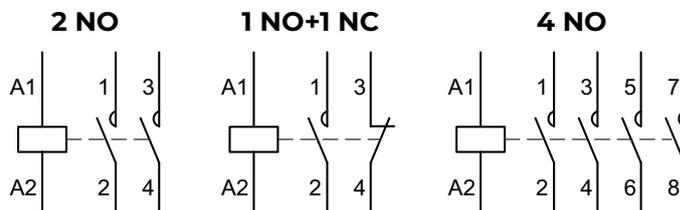


TRACON	U _m	I _n (A)	W (mm)	P _e (kW)				P _s		
				AC1 / AC7a 230V	AC3 / AC7b 230V	AC1 / AC7a 400V	AC3 / AC7b 400V			
EVOHK2-25	230 V AC	25	17,5	5	1,5	-	-	1,35 W	20A gG	2 x NO
EVOHK2-25-24	24 V AC	25	17,5	5	1,5	-	-	1,35 W	20A gG	2 x NO
EVOHK2-25V	230 V AC	25	17,5	5	1,5	-	-	1,35 W	20A gG	1 x NO+1 x NC
EVOHK2-40	230 V AC	40	35,4	9	2,2	-	-	1,55 W	32A gG	2 x NO
EVOHK2-63	230 V AC	63	35,4	11,6	3,3	-	-	1,55 W	50A gG	2 x NO
EVOHK2-80	230 V AC	80	54	16	5,5	-	-	1,55 W	63A gG	2 x NO
EVOHK2-100	230 V AC	100	54	19	6	-	-	1,55 W	80A gG	2 x NO
EVOHK4-25	230 V AC	25	35	5	1,5	16	4	1,35 W	20A gG	4 x NO
EVOHK4-25-24	24 V AC	25	35	5	1,5	16	4	1,35 W	20A gG	4 x NO
EVOHK4-40	230 V AC	40	53,3	9	2,2	27,5	12,5	1,55 W	32A gG	4 x NO
EVOHK4-63	230 V AC	63	53,3	11,6	3,3	40	15	1,55 W	50A gG	4 x NO
EVOHK4-80	230 V AC	80	108	16	5,5	50	18,5	1,55 W	63A gG	4 x NO
EVOHK4-100	230 V AC	100	108	19	6	60	22	1,55 W	80A gG	4 x NO

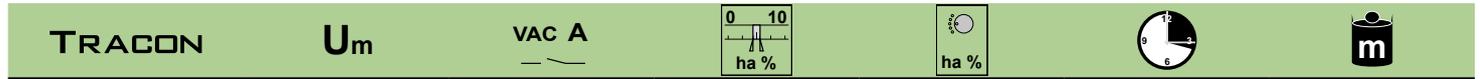
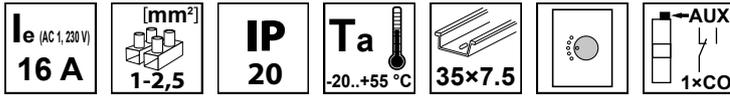


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EN 60947-4-1

RELEVANT STANDARD
EN 61095



Jednofunkčné časové relé (oneskorený príťah)



NARIDON

AC/DC 12-240 V

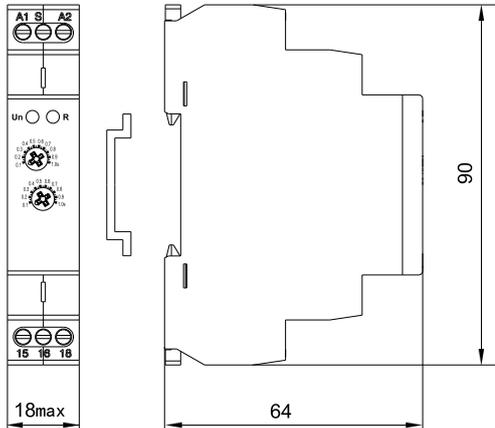
16 A 230 VAC

± 0,2 %

± 5 %

0,1 s - 10 h

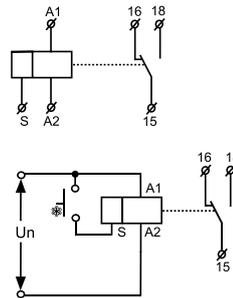
62 g



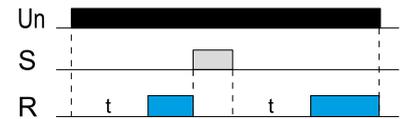
RELEVANT STANDARD
EN 61812-1

Vlastnosti, použitie

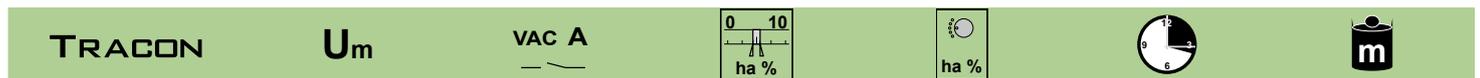
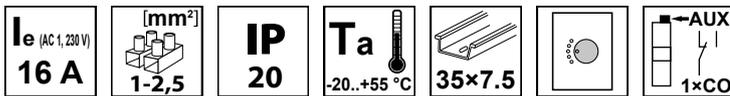
- Oneskorené zapínanie vykurovacích zariadení, ventilátorov, čerpadiel po zapnutí napájacieho napätia.
- Dobežná hrana impulzu na riadiacom vstupe „S“ umožňuje opätovné spustenie oneskorenia.
- Dva kolíky na paneli na hrubé a jemné nastavenie času.



* S: riadiaci vstup (impulz)



Jednofunkčné časové relé (oneskorený návrat)



NARIDOFF

AC/DC 12-240 V

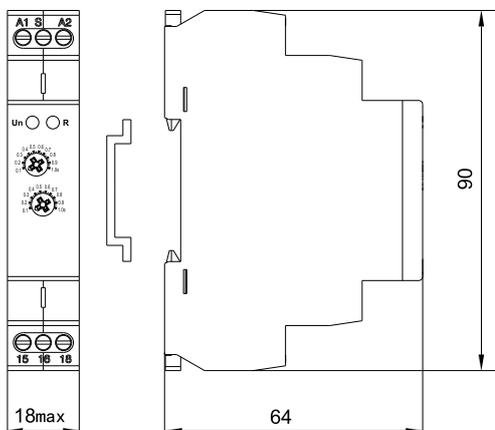
16 A 230 VAC

± 0,2 %

± 5 %

0,1 s - 10 h

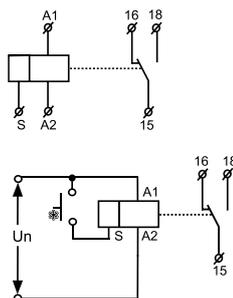
62 g



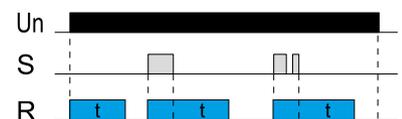
RELEVANT STANDARD
EN 61812-1

Vlastnosti, použitie

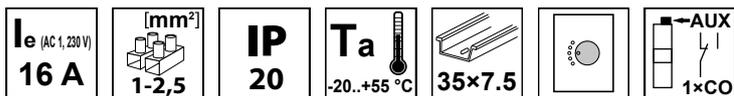
- Oneskorené vypínanie vykurovacích zariadení, ventilátorov, čerpadiel po zapnutí napájacieho napätia.
- Dobežná hrana impulzu na riadiacom vstupe „S“ umožňuje opätovné spustenie oneskorenia.
- Dva kolíky na paneli na hrubé a jemné nastavenie času.



* S: riadiaci vstup (impulz)



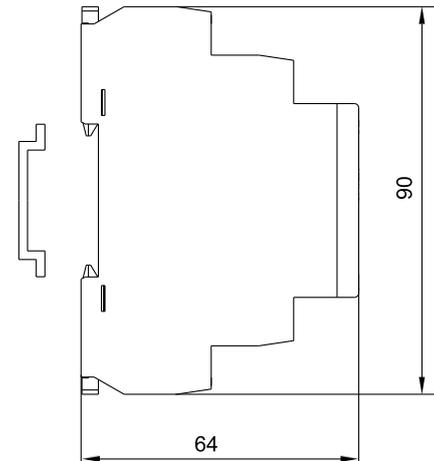
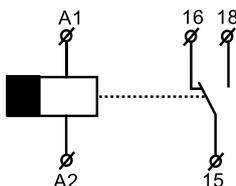
Jednofunkčné časové relé (oneskorený návrat) po vypnutí napájacieho napätia



TRACON	Um	VAC A	0 10 ha %	ha %	0 12 6 min	m
NARIDOFFS	AC/DC 12-240 V	16 A 230 VAC	± 0,2 %	± 5 %	0,1 s - 10 min.	86 g

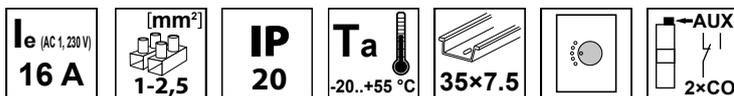
Vlastnosti, použitie

- Oneskorené vypínanie vykurovacích zariadení, ventilátorov, čerpadiel po vypnutí alebo výpadku napájacieho napätia.
- Na bezpečnostné odsávanie plynov a výparov (napr. v kúpeľni po vypnutí svetla, diaľkové ovládania dverí v prípade požiaru).
- Dva kolíky na paneli na hrubé a jemné nastavenie času.



**RELEVANT STANDARD
EN 61812-1**

Časovač hviezda-trojuholník



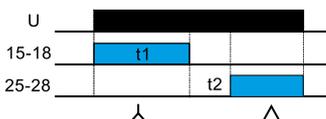
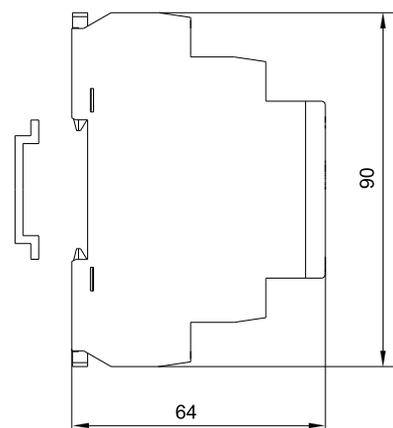
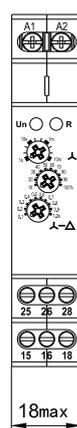
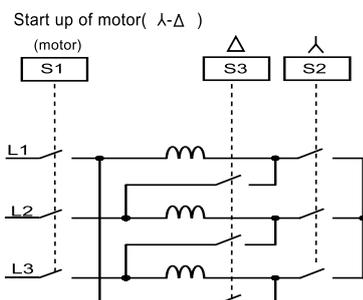
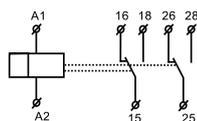
TRACON	Um	VAC A	0 10 ha %	ha %	t1 ^	t2 Δ	m
NARIST	AC/DC 12-240 V	16 A 230 VAC	± 0,2 %	± 5 %	0,1 s - 10 min.	0,1 s - 1 s	86 g

Vlastnosti, použitie

- Na automatické ovládanie stykačov prepínača hviezda-trojuholník 3-fázových asynchrónnych motorov s kotvou nakrátko.
- Nastaviteľná doba trvania režimu „hviezda“.
- Nastaviteľné časové oneskorenie prepnutia z režimu „hviezda“ do režimu „trojuholník“.
- Samostatné kolíky na paneli na hrubé a jemné nastavenie času.



**RELEVANT STANDARD
EN 61812-1**

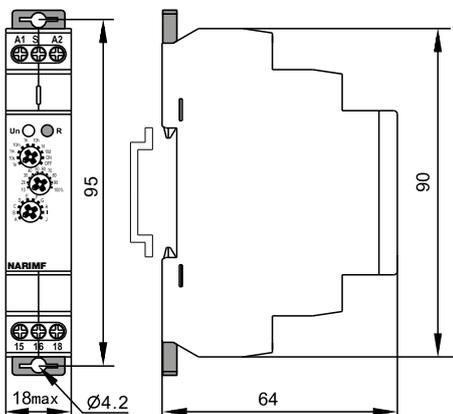


Multifunkčné časové relé s 10 funkciami

I_e (AC 1, 230 V) 16 A	[mm²] 1-2,5	IP 20	T_a -20...+55 °C	35×7.5	1×CO
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TRACON	U_m	VAC A	0 10 ha %	ha %	0,1 s - 10 d	m
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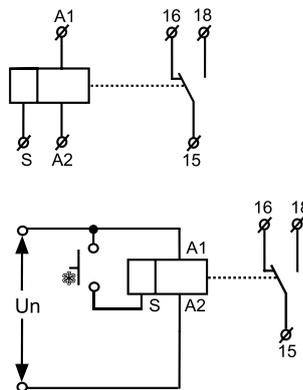
NARIMF AC/DC 12-240 V 16 A 230 VAC ± 0,2 % ± 5 % 0,1 s - 10 d 64 g



RELEVANT STANDARD
EN 61812-1

Vlastnosti, použitie

- 10 rôznych funkcií A až J, s možnosťou nastavenia časového oneskorenia od 0,1 sekundy do 10 dní.
- Dva kolíky na paneli na hrubé a jemné nastavenie času, samostatný kolík na nastavenie funkcií.



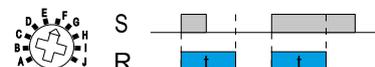
* S: riadiaci vstup (impulz)



A: Oneskorený prítah po pripojení napájania



F: Oneskorený návrat po zopnutí riadiaceho impulzu "S"



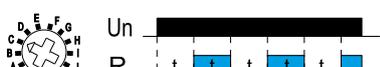
B: Oneskorený návrat po pripojení napájania



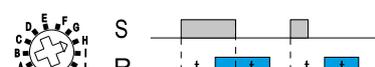
G: Oneskorený návrat po vypnutí riadiaceho impulzu "S", oneskorené zopnutie výstupu



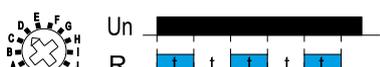
C: Asymetrický cyklovač začínajúci medzerou



H: Oneskorený prítah a návrat voči riadiacemu impulzu "S"



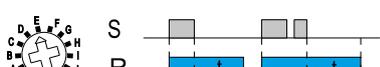
D: Asymetrický cyklovač začínajúci impulzom



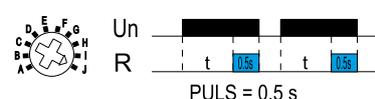
I: Impulzné relé



E: Oneskorený návrat po vypnutí riadiaceho impulzu "S"



J: Generátor pulzu s oneskoreným prítahom po pripojení napájania



Rozsahy časového oneskorenia

0.1 - 1s	1 - 10s	6 - 60s	1 - 10min	6 - 60min	1 - 10hr	0.1 - 1day	1 - 10day	only ON	only OFF

Výkonové ističe EVOH

230/400 V AC	$\times 20.000$	$\times 10.000$	IP 20	35×7.5	[mm ²] 16-50	Ta -25..+55°C	U_i 500 V		I²t 3	I_{cn} EN 60898 10 kA	
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TRACON

C

I_n
(A)

TRACON

C

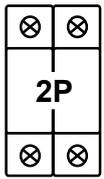
I_n
(A)



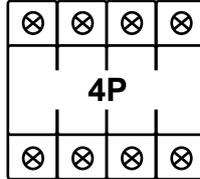
EVOH163	63
EVOH180	80
EVOH1100	100
EVOH1125	125



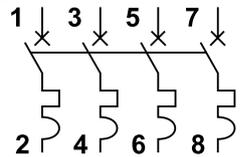
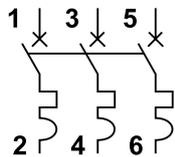
EVOH363	63
EVOH380	80
EVOH3100	100
EVOH3125	125



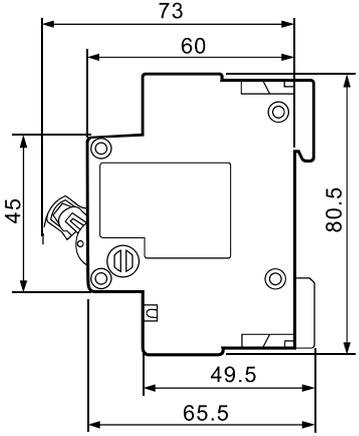
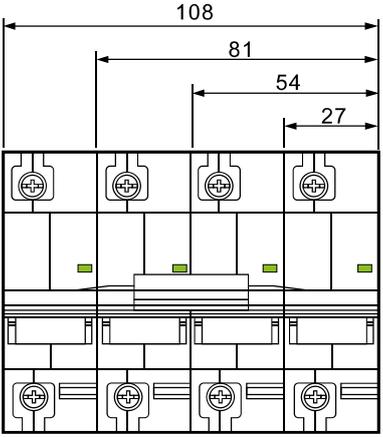
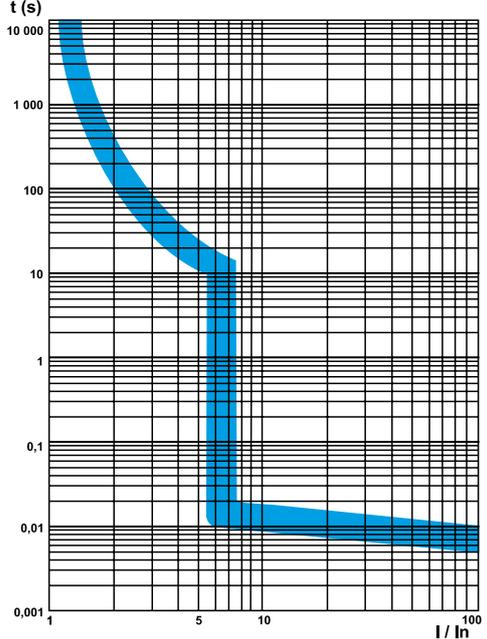
EVOH263	63
EVOH280	80
EVOH2100	100
EVOH2125	125



EVOH463	63
EVOH480	80
EVOH4100	100
EVOH4125	125

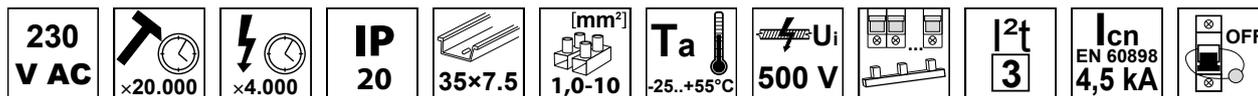


Vypínacia charakteristika



RELEVANT STANDARD
EN 60947-2

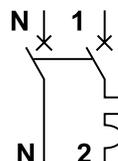
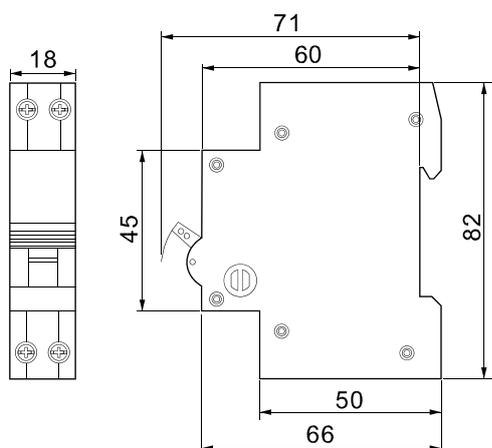
Ističe 1+N EVON



TRACON		I_n (A)
	C	

⊗	⊗
1P	N
⊗	⊗

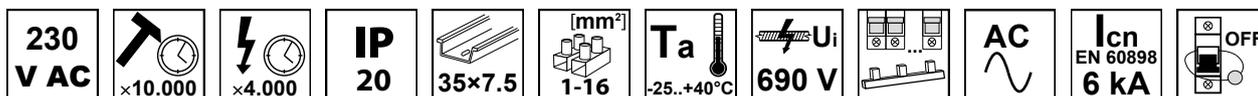
EVONC6	6
EVONC10	10
EVONC16	16
EVONC20	20
EVONC25	25
EVONC32	32



Istič DPN = Istený fázový vodič + spínaný neutrálny vodič v šírke jedného modulu: 18 mm.

RELEVANT STANDARD
EN 60898-1

Kombinované prúdové chrániče so šírkou 1 modulu EVOKE

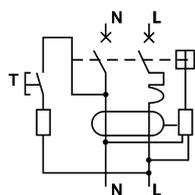


TRACON		I_n (A)	$I_{\Delta n}$ (mA)
	B		
	C		

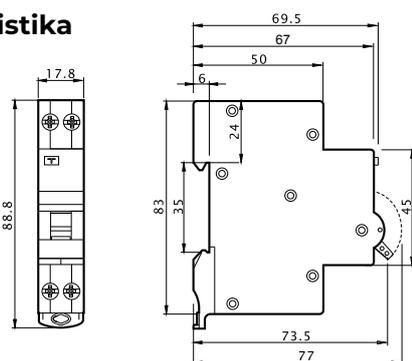
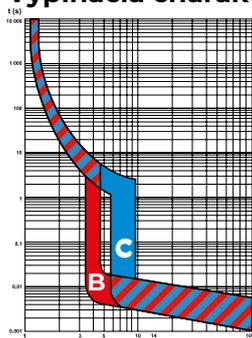
⊗	⊗
2P	
⊗	⊗

EVOKEB603	EVOKEC603	6	30
EVOKEB1003	EVOKEC1003	10	30
EVOKEB1303	EVOKEC1303	13	30
EVOKEB1603	EVOKEC1603	16	30
EVOKEB2003	EVOKEC2003	20	30
EVOKEB2503	EVOKEC2503	25	30
EVOKEB3203	EVOKEC3203	32	30
EVOKEB4003	EVOKEC4003	40	30

E3



Vypínacia charakteristika



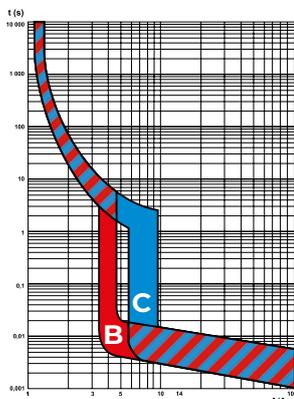
RELEVANT STANDARD
EN 61009-1

Kombinované prúdové chrániče EVOK

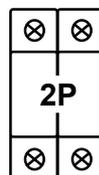
230 V AC	$\times 10.000$	$\times 4.000$	IP 20	35x7.5	[mm ²] 1,5-25	Ta -25...+40°C	U _i 690 V		AC	I _{cn} EN 60898 4,5 kA	
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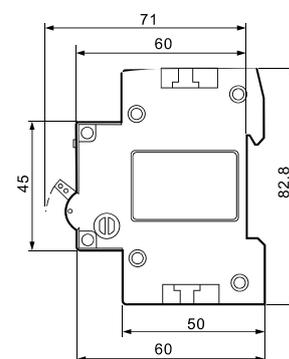
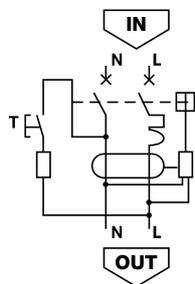
Vypínacia charakteristika
červená: char. B,
modrá: char. C



TRACON		I _n (A)	I Δ _n (mA)



EVOK2B603	EVOK2C603	6	30
EVOK2B1003	EVOK2C1003	10	30
EVOK2B1603	EVOK2C1603	16	30
EVOK2B2003	EVOK2C2003	20	30
EVOK2B2503	EVOK2C2503	25	30
EVOK2B3203	EVOK2C3203	32	30
EVOK2B4003	EVOK2C4003	40	30



RELEVANT STANDARD
EN 61009-1

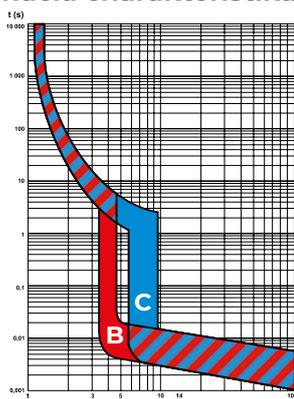


Kombinované prúdové chrániče elektromechanické EVOKM

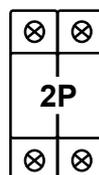
230 V AC	$\times 10.000$	$\times 4.000$	IP 20	35x7.5	[mm ²] 1,5-25	Ta -25...+55°C	U _i 690 V		AC	I _{cn} EN 60898 6 kA	
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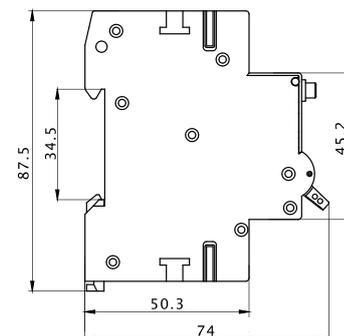
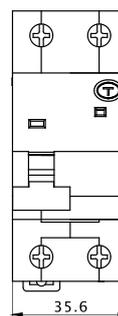
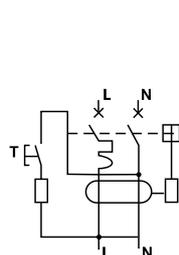
Vypínacia charakteristika



TRACON		I _n (A)	I Δ _n (mA)



EVOKM2B603	EVOKM2C603	6	30
EVOKM2B1003	EVOKM2C1003	10	30
EVOKM2B1603	EVOKM2C1603	16	30
EVOKM2B2003	EVOKM2C2003	20	30
EVOKM2B2503	EVOKM2C2503	25	30
EVOKM2B3203	EVOKM2C3203	32	30
EVOKM2B4003	EVOKM2C4003	40	30
EVOKM2B5003	EVOKM2C5003	50	30
EVOKM2B6303	EVOKM2C6303	63	30



RELEVANT STANDARD
EN 61009-1



Elektromechanický kombinovaný prúdový chránič poskytuje ochranu pred nebezpečným dotykom aj pri prerušení neutrálneho vodiča!

EVOBKM Kombinované prúdové chrániče, Typ B, 6 kA

230 V AC	B	$\times 4.000$	U_i 690 V	I_{cn} EN60698 10 kA	35×7.5	$\times 10.000$	[mm ²] 1,5-25	Ta -25..+40°C	IP 20
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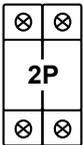
Typ B	6 kA	B
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STRIEDAVÝ CHYBOVÝ PRÚD S HARMONICKÝM PRIEBEHOM,
JEDNOSMERNÝ PULZUJÚCI PRÚD,
JEDNOSMERNÝ PULZUJÚCI PRÚD SUPERPONOVANÝ
NA VYHLADENOM JEDNOSMERNOM PRÚDE

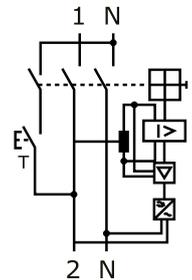


TRACON		I_n (A)	$I_{\Delta n}$ (mA)

EVOBKM2B603	EVOBKM2C603	6 A
EVOBKM2B1003	EVOBKM2C1003	10 A
EVOBKM2B1303	EVOBKM2C1303	13 A
EVOBKM2B1603	EVOBKM2C1603	16 A
EVOBKM2B2003	EVOBKM2C2003	20 A
EVOBKM2B2503	EVOBKM2C2503	25 A
EVOBKM2B3203	EVOBKM2C3203	32 A
EVOBKM2B4003	EVOBKM2C4003	40 A



30 mA



EVOK4 Kombinované prúdové chrániče, Typ A, 10 kA

230/400 V AC	A	$\times 100.000$	U_i 690 V	I_{cn} EN60698 10 kA	$\times 20.000$	Ta -25..+40°C	[mm ²] 1-25	E3	IP 20
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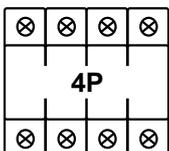
Typ A	10 kA	A
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STRIEDAVÝ CHYBOVÝ PRÚD S HARMONICKÝM PRIEBEHOM,
JEDNOSMERNÝ PULZUJÚCI PRÚD

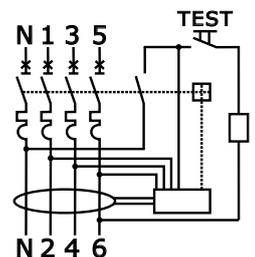


TRACON		I_n (A)	$I_{\Delta n}$ (mA)

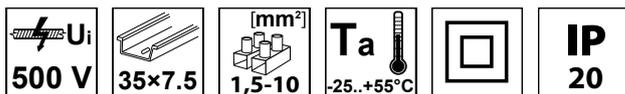
EVOK4B603	EVOK4C603	6 A
EVOK4B1003	EVOK4C1003	10 A
EVOK4B1303	EVOK4C1303	13 A
EVOK4B1603	EVOK4C1603	16 A
EVOK4B2003	EVOK4C2003	20 A
EVOK4B2503	EVOK4C2503	25 A
EVOK4B3203	EVOK4C3203	32 A
EVOK4B4003	EVOK4C4003	40 A
EVOK4B5003	EVOK4C5003	50 A
EVOK4B6303	EVOK4C6303	63 A



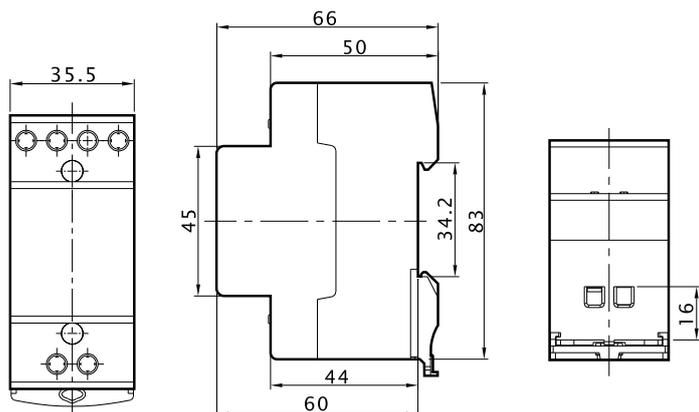
30 mA



Modulárne bezpečnostné zvončekové transformátory EVOBT



TRACON	P_s	U_{pr}	U_{sec}	I_{sec}
EVOBT15/1	max. 15 VA		4-8-12 V AC	1,25 A
EVOBT24/1	max. 15 VA	230 V AC	12-24 V AC	0,62 A
EVOBT30/1	max. 30 VA		12-12-24 V AC	1,25 A



EVOBT15/1

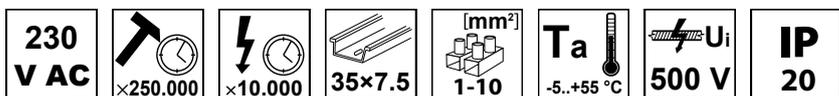
EVOBT30/1

RELEVANT STANDARD
EN 60947-5-1

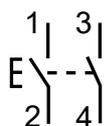
RELEVANT STANDARD
EN 61558-2-8



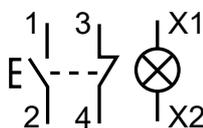
Modulárne spínače EVOPS a modulárne tlačidlá EVOPB



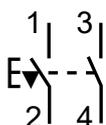
EVOPB



EVOPBL



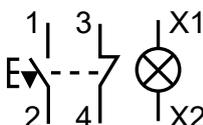
EVOPS



EVOPB2



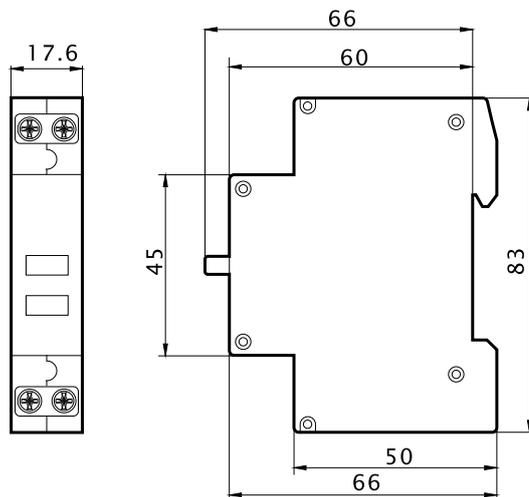
EVOPSL



TRACON	I_{th}	I_e (AC-14) (230V AC)	NC NO
EVOPS	16 A	6 A	2 NO
EVOPB	16 A	6 A	2 NO
EVOPB2	16 A	6 A	1 NO, 1 NC
EVOPBL	16 A	6 A	1 NO+1 NC
EVOPSL	16 A	6 A	1 NO+1 NC



RELEVANT STANDARD
EN 60947-5-1

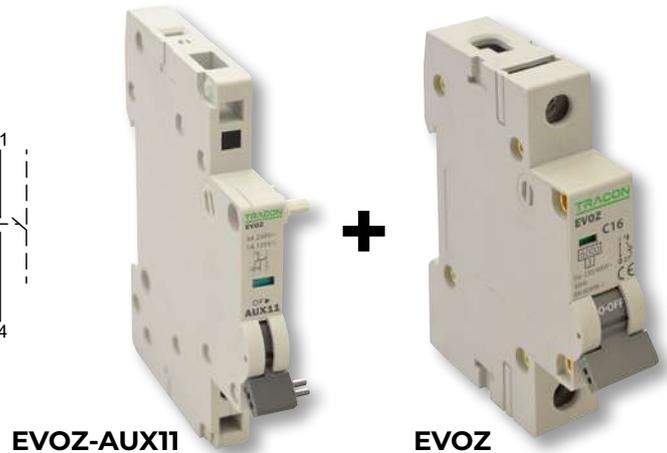
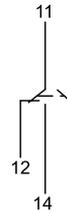
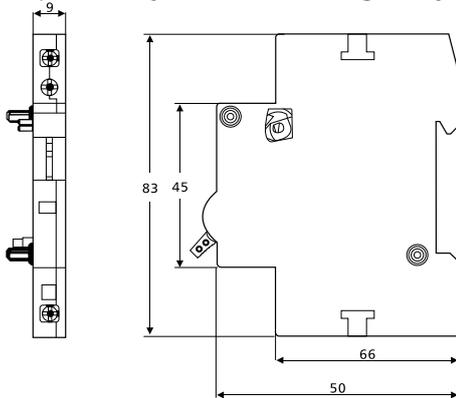


Pomocné a signálne kontakty k modulárnym prístrojom EVO

230/400 V AC	 ×5.000	 ×4.000	 35×7.5	 [mm ²] 0,5-4	 Ta -25..+55°C	 U _i 500 V	 IP 20
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TRACON		I_n (A) 400 V AC	I_n (A) 230 V AC	I_n (A) 110 V DC	I_n (A) 48 V DC	I_n (A) 24 V DC
EVOZ-AUX11	EVOZ					
EVOH-AUX11	EVOH					
EVOTDA-AUX11	EVOTDA					
EVOZ-AL	EVOZ	3 A	6 A	1 A	2 A	4 A
EVOH-AL	EVOH					
EVOTDA-AL	EVOTDA					

AUX: pomocný kontakt, AL: signálny kontakt



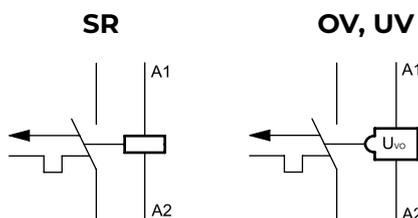
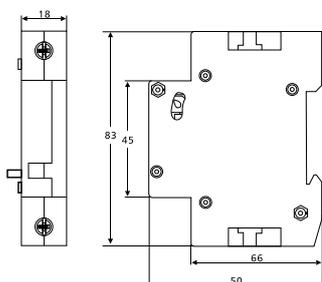
Vypínacie, podpäťové a nadpäťové spúšte k modulárnym prístrojom EVO

230/400 V AC	 ×4.000	 ×3.000	 35×7.5	 [mm ²] 0,5-4	 Ta -25..+55°C	 U _i 500 V	 IP 20
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TRACON		U_m	U_{up} 	U_{down} 
EVOZ-SR*	EVOZ	110-415 V AC / 110-220 V DC	-	-
EVOH-SR*	EVOH	110-415 V AC / 110-220 V DC	-	-
EVOTDA-SR*	EVOTDA	110-415 V AC / 110-220 V DC	-	-
EVOZ-UOVR	EVOZ	-	280 V ± 5%	170 V ± 5%
EVOH-UOVR	EVOH	-	280 V ± 5%	170 V ± 5%
EVOTDA-UOVR	EVOTDA	-	280 V ± 5%	170 V ± 5%
EVOZ-OVR	EVOZ	-	280 V ± 5%	-
EVOZ-UVR	EVOZ	-	-	170 V ± 5%
EVOTDA-OVR	EVOTDA	-	280V ± 5%	-
EVOTDA-UVR	EVOTDA	-	-	170 V ± 5%

* SR: vypínacia spúšť, OVR: nadpäťová spúšť, UVR: podpäťová spúšť



Sietové kontrolné nadpätové/podpätové relé s funkciou automatického znovuzapnutia EVOU

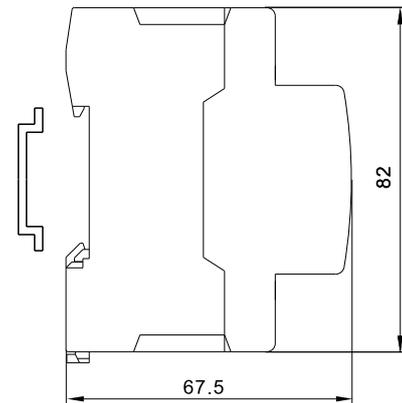
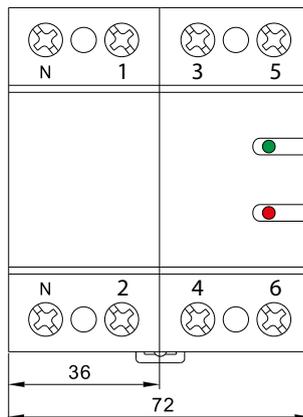


TRACON	2P		4P	
	EVOU02	EVOUC2P63	EVOU04	EVOU04P63
Menovité napätie	230 V AC		230 V AC (L-N)	
Menovitá frekvencia	50 Hz			
Menovitý prúd	40 A (AC 1)			
Spotreba	AC max. 3 VA			
Horná kontrolovaná úroveň napätia	265 V (fix)		265 V (L-N) (fix)	
Horná úroveň napätia pre znovuzapnutie	257 V (fix)		257 V (L-N) (fix)	
Dolná kontrolovaná úroveň napätia	175 V (fix)		175 V (L-N) (fix)	
Dolná úroveň napätia pre znovuzapnutie	180 V (fix)		180 V (L-N) (fix)	
Doba spínania	1 s			
Časové oneskorenie zapnutia	2 s			
Časové oneskorenie znovuzapnutia	30 s			
Presnosť merania napätia	≤1%			

Hmotnosť

120 g

250 g

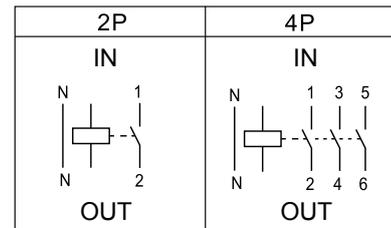
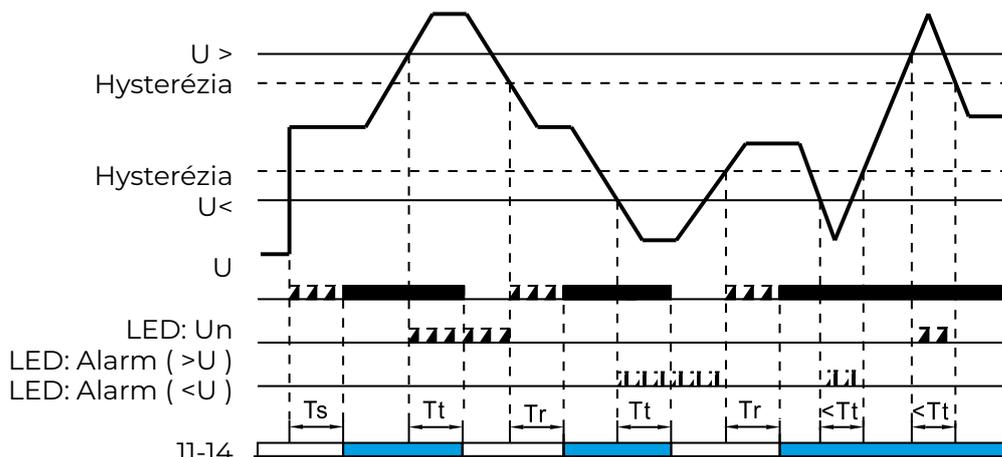


EVOU02

EVOU04



- Ochrana pred podpätím a zvýšením napätia
- Po prekonaní hraničného napätia zariadenie odpojí elektrické spotrebiče od siete
- automatické znovuzapnutie 30 s po doznení výkyvu napätia
- LED indikácia stavu prístroja



Ts: Doba nábehu

Tt: Oneskorenie vypnutia

Tr: Čas RESET



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Ďalšie informácie u našich predajcov!