



EVO MODULARE GERÄTESERIE

01.2024.

EVOZ, TDZ

LEISTUNGSSCHALTER MIT
UNVERGÄGLICHER GARANTIE!





Überspannungsableiter
Typ 1+2 **4**



Überspannungsableiter
Typ 2 **5**



Überspannungsableiter
Typ 2+3 **6**



Überspannungsableiter
Typ 1+2+3 **6**



Überspannungsableiter
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Typ 1+2 und Typ 2 **7**



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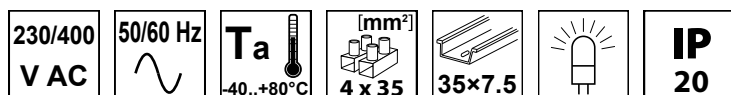


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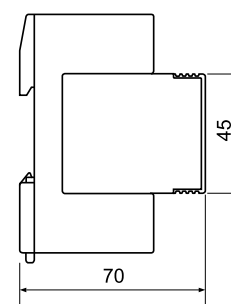
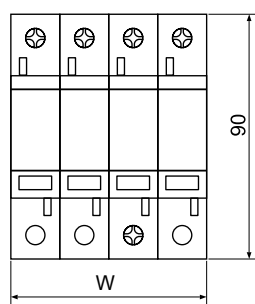
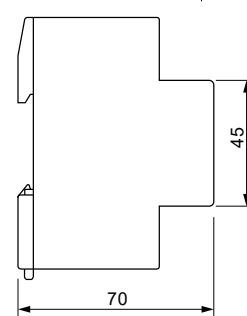
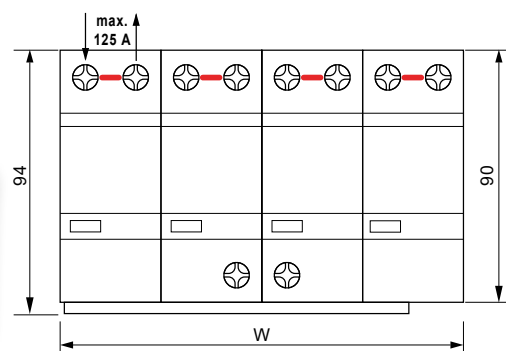
Überspannungsableiter Typ 1+2



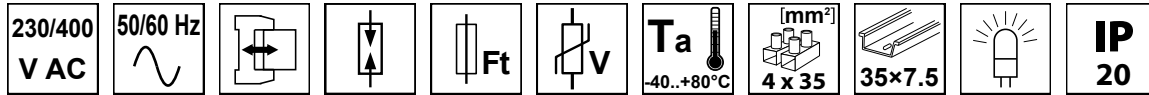
TRACON	xP	U _c	I _{imp} L-N/(N-PE) 1P 10/350µs	I _n L-N/(N-PE) 8/20µs	I _{max} 8/20µs	U _p L-N/(N-PE)	gG	W (mm)
ESPD1+2-50-1P	1P	385 V AC	50 kA	50 kA	160 kA	≤ 2,5 kV	500 A	TN 36
ESPD1+2-50-2P	2P	385 V AC	50 kA	50 kA	160 kA	≤ 2,5 kV		TN 72
ESPD1+2-50-3P	3P	385 V AC	50 kA	50 kA	160 kA	≤ 2,5 kV		TN-C 108
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

* austauschbare Einsätze

** die Form des Verbindungsstiftes



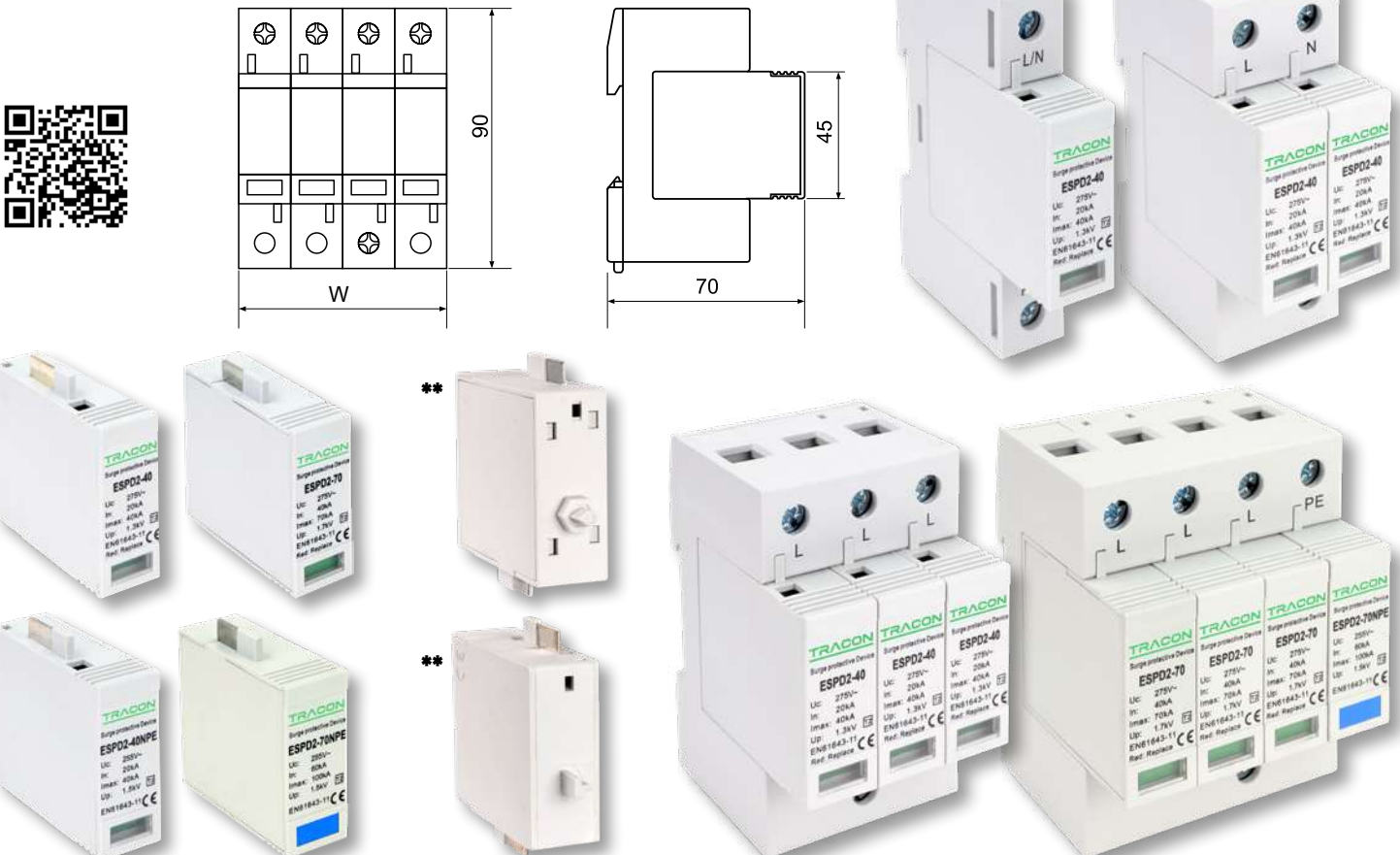
Überspannungsableiter Typ 2



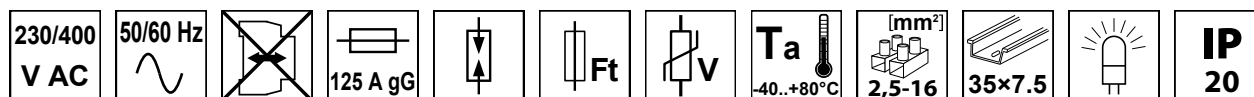
TRACON	xP	U _c	I _n L-N/(N-PE) 8/20µs	I _{max} 8/20µs	U _p L-N/(N-PE)	gG	w (mm)
ESPD2-40-1P	1P	275 V AC	20 kA	40 kA	≤ 1,3 kV	125 A	TN 18
ESPD2-40-2P	2P	275 V AC	20 kA	40 kA	≤ 1,3 kV		TN 36
ESPD2-40-3P	3P	275 V AC	20 kA	40 kA	≤ 1,3 kV		TN-C 54
ESPD2-40-4P	4P	275 V AC	20 kA	40 kA	≤ 1,3 kV		TN-S 72
ESPD2-40-1+1P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

* austauschbare Einsätze

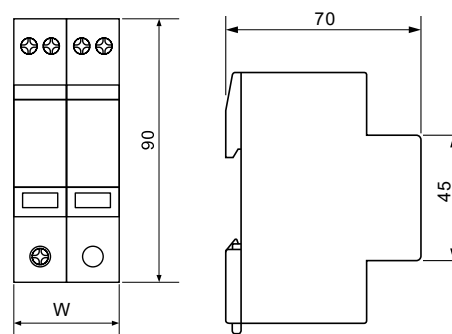
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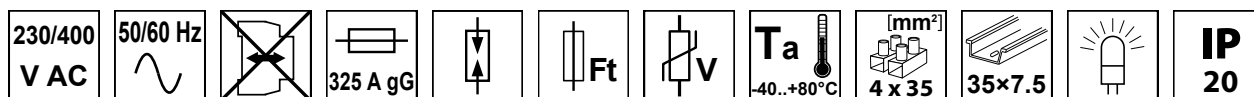
Überspannungsableiter Typ 2+3



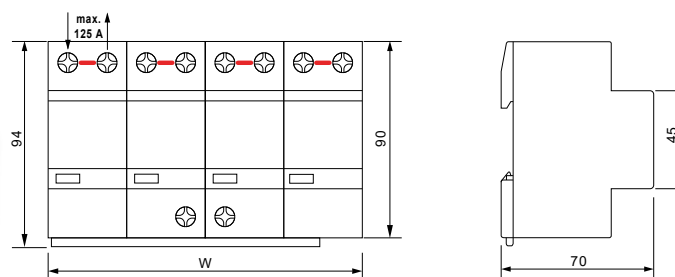
TRACON	xP	U _c	I _n L-N/(N-PE) 8/20µs	I _{max} 8/20µs	U _{oc}	U _p L-N/(N-PE)		w (mm)
ESPD2+3-40-2P	2P	275 V AC	20 kA	40 kA	10 kV	≤ 1,3 kV	TN	18
ESPD2+3-40-4P	4P	275 V AC	20 kA	40 kA	10 kV	≤ 1,3 kV	TN-S	36
ESPD2+3-40-1+1P	1+1P	275 V AC	20 kA	40 kA	10 kV	≤ 1,3 kV / 1,5 kV	TN, TT	18
ESPD2+3-40-3+1P	3+1P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



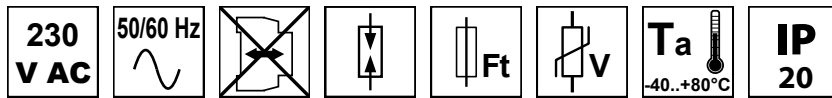
Überspannungsableiter Typ 1+2+3



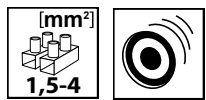
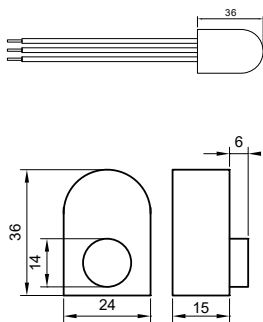
TRACON	xP	U _c	I _{imp} L-N/(N-PE)1P 10/350µs	I _n L-N/(N-PE) 8/20µs	I _{max} 8/20µs	U _{oc}	U _p L-N/(N-PE)		w (mm)
ESPD1+2+3-25-1P	1P	275 V AC	25 kA	25 kA	100 kA	20 kV	≤ 1,3 kV	TN	36
ESPD1+2+3-25-2P	2P	275 V AC	25 kA	25 kA	100 kA	20 kV	≤ 1,3 kV	TN	72
ESPD1+2+3-25-3P	3P	275 V AC	25 kA	25 kA	100 kA	20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



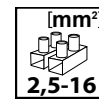
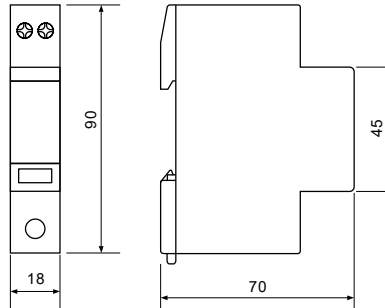
Überspannungsableiter Typ 3



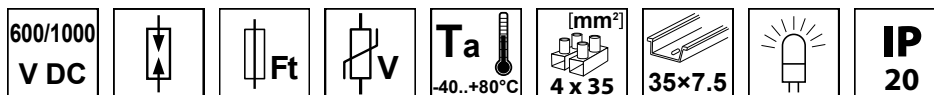
TRACON		U _n	U _c	I _n L-N/(N-PE) 8/20µs	I _{max} 8/20µs	U _{oc}	U _p			W (mm)
ESPD3-3-2P	1+1P	230 V AC	275 V AC	3 kA	6 kA	6 kV	≤ 1,2 kV	16 A	TN, TT	36×24×15
ESPD3-5-1+1P	1+1P	230 V AC	275 V AC	5 kA	10 kA	10 kV	≤ 1,1 kV	32 A	TN, TT	18
ESPD3-5-2P	2P	230 V AC	275 V AC	5 kA	10 kA	10 kV	≤ 1,1 kV	32 A	TN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



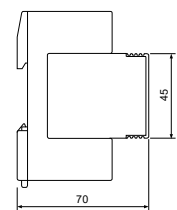
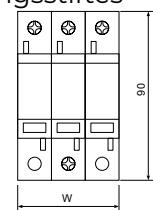
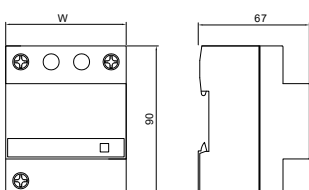
DC-Überspannungsableiter Typ 1+2 und Typ 2



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	200 A	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	125 A	–	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

* austauschbare Einsätze

** die Form des Verbindungsstiftes



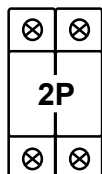
EVOZ Leitungsschutzschalter

230/400
V ACIP
20[mm²]
1,0-25I_{Δn}
3I_{cn}
EN 60898
6 kA

TRACON

I_n
(A)

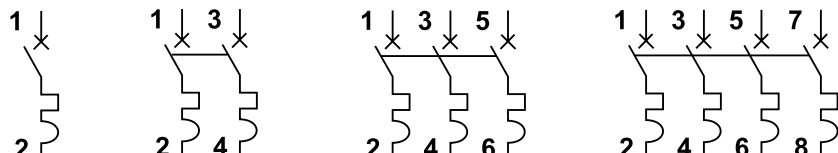
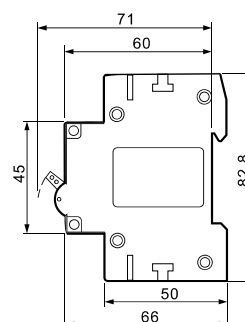
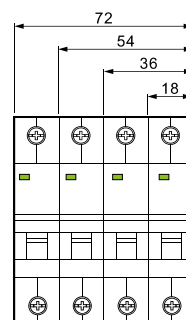
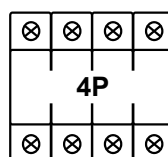
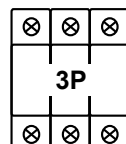
EVOZ1B1	EVOZ1C1	1
EVOZ1B2	EVOZ1C2	2
EVOZ1B4	EVOZ1C4	4
EVOZ1B6	EVOZ1C6	6
EVOZ1B10	EVOZ1C10	10
EVOZ1B13	EVOZ1C13	13
EVOZ1B16	EVOZ1C16	16
EVOZ1B20	EVOZ1C20	20
EVOZ1B25	EVOZ1C25	25
EVOZ1B32	EVOZ1C32	32
EVOZ1B40	EVOZ1C40	40
EVOZ1B50	EVOZ1C50	50
EVOZ1B63	EVOZ1C63	63
EVOZ2B1	EVOZ2C1	1
EVOZ2B2	EVOZ2C2	2
EVOZ2B4	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)

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 60898-1RELEVANT STANDARD
EN 60947-2

EVOV Fehlerstromschutzschalter

230/400
V AC

 $\times 20.000$

 $\times 10.000$

IP
20

 **35×7.5**

 [mm²]
2,5-25

Ta 
-25...+55°C

 **500 V**



AC


I_{cn}
EN 60898
6 kA

 **OFF**

TRACON

I_n
(A)

I_{Δn}
(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

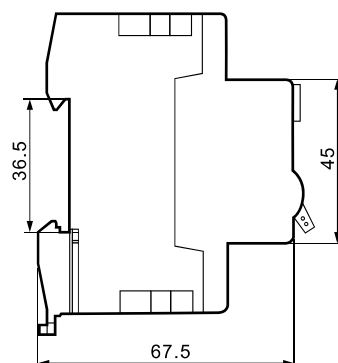
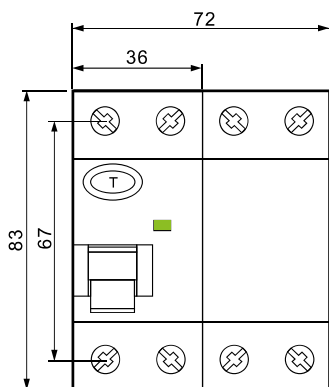
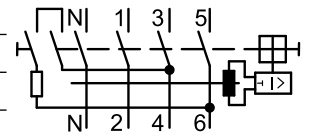
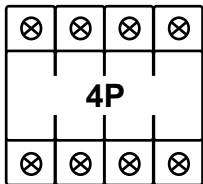
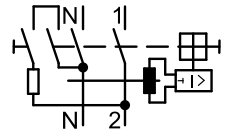
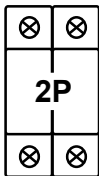
63

300

EVOV4P803

80

300



RELEVANT STANDARD
EN 61008-1



Für Wechselstrom Netze!

EVOG Fehlerstromschutzschalter

230/400
V AC

IP
20

35x7.5

[mm²]
2,5-35

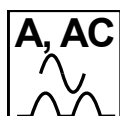
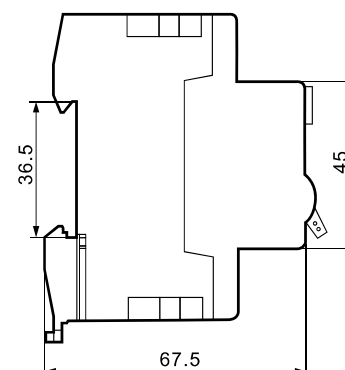
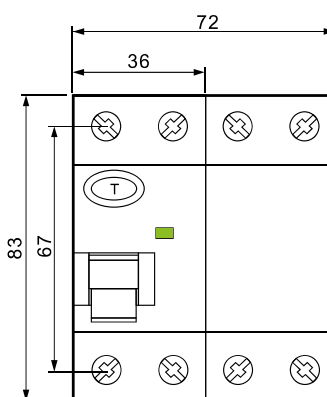
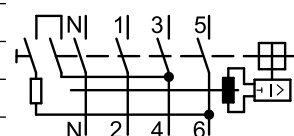
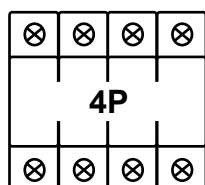
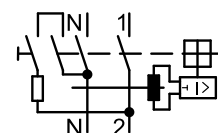
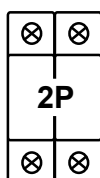
Ta
-25...+55°C

Ui
500 V



A, AC

I_{cn}
EN 60898
6 kA

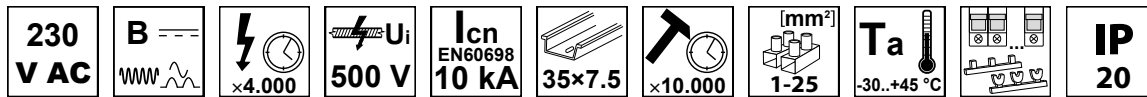


Für Wechsel- und pulsieren-
de Gleichstrom Netze!

RELEVANT STANDARD
EN 61008-1



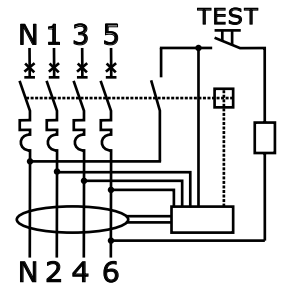
EVOB-Fehlerstromschutzschalter, Typ B, 10 kA



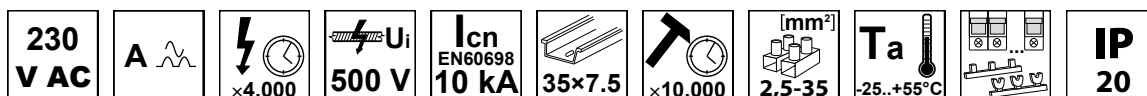
WECHSELSTROM, PULSIERENDER GLEICHSTROM
UND ÜBERLAGERT MIT HOCHFREQUENTEN
FEHLERSIGNALEN IN NETZWERKEN



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	



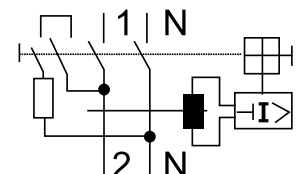
EVOAG-Fehlerstromschutzschalter, Typ A, 10 kA



FÜR WECHSELSTROM- UND PULSIERENDE
GLEICHSTROMNETZE



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-Selektiver Fehlerstromschutzschalter, Typ A/S, 10 kA

230
V AC

A S

x4.000

500 V

I_{cn}
EN60698
10 kA

35x7.5

x10.000

[mm²]
2,5-35T_a
-25...+55°CIP
20A/S
Typ

10 kA

A S

FÜR WECHSELSTROM- UND PULSIERENDE
GLEICHSTROMNETZE (SELEKTIV)

TRACON

I_n
(A)I Δ _n
(mA)

EVOAGS2P251

25A

EVOAGS2P401

40A

EVOAGS2P631

63A

EVOAGS2P801

80A

EVOAGS2P1001

100A

EVOAGS2P253

25A

EVOAGS2P403

40A

EVOAGS2P633

63A

EVOAGS2P803

80A

EVOAGS2P1003

100A

EVOAGS4P251

25A

EVOAGS4P401

40A

EVOAGS4P631

63A

EVOAGS4P801

80A

EVOAGS4P1001

100A

EVOAGS4P253

25A

EVOAGS4P403

40A

EVOAGS4P633

63A

EVOAGS4P803

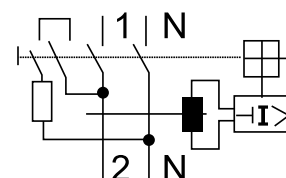
80A

EVOAGS4P1003

100A

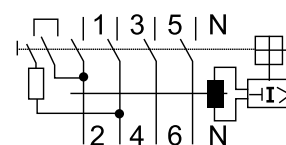
100 mA

300 mA



100 mA

300 mA



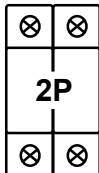
EVOTIK Trennschalter



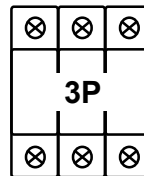
TRACON	I_n (A)	mm ²
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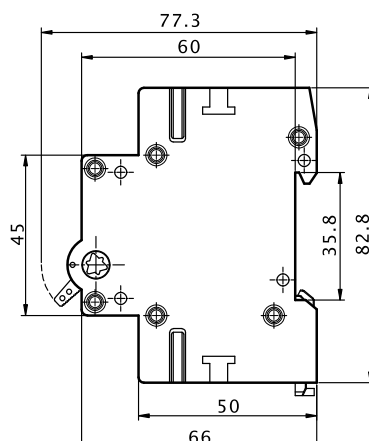
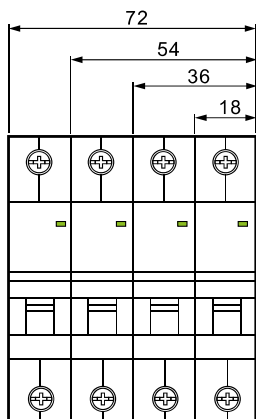
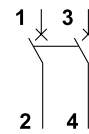
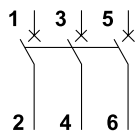
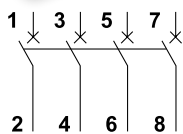
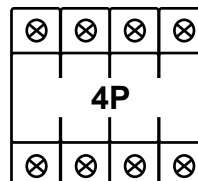
TIK1-20	20	1,5-50
TIK1-25	25	
TIK1-32	32	
TIK1-40	40	
TIK1-63	63	
TIK1-80	80	
TIK1-100	100	
TIK1-125	125	1,5-50
TIK2-20	20	
TIK2-25	25	
TIK2-32	32	
TIK2-40	40	
TIK2-63	63	
TIK2-80	80	
TIK2-100	100	
TIK2-125	125	



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



EVOSVK Wechselschalter

230/400
V AC



x30.000



x10.000

IP
20



35x7.5



[mm²]
1-16

Ta


-25...+55°C



U_i
690 V


U_{imp}
6 kV



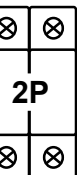
1
0
2

TRACON
I_n
(A)



1P

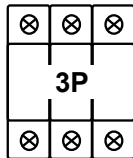
SVK1-16	16
SVK1-32	32
SVK1-63	63



2P

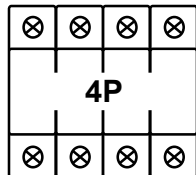
SVK2-16	16
SVK2-32	32
SVK2-63	63

TRACON
I_n
(A)



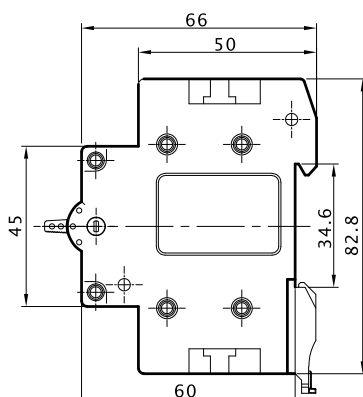
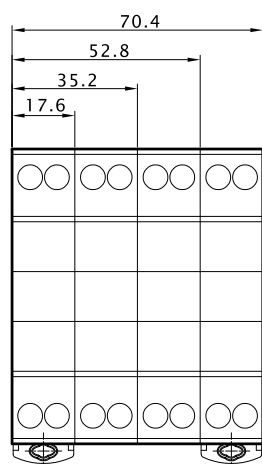
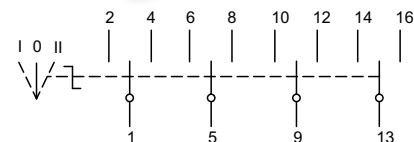
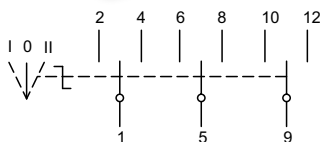
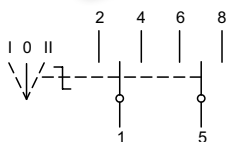
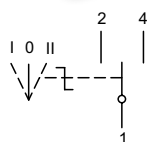
3P

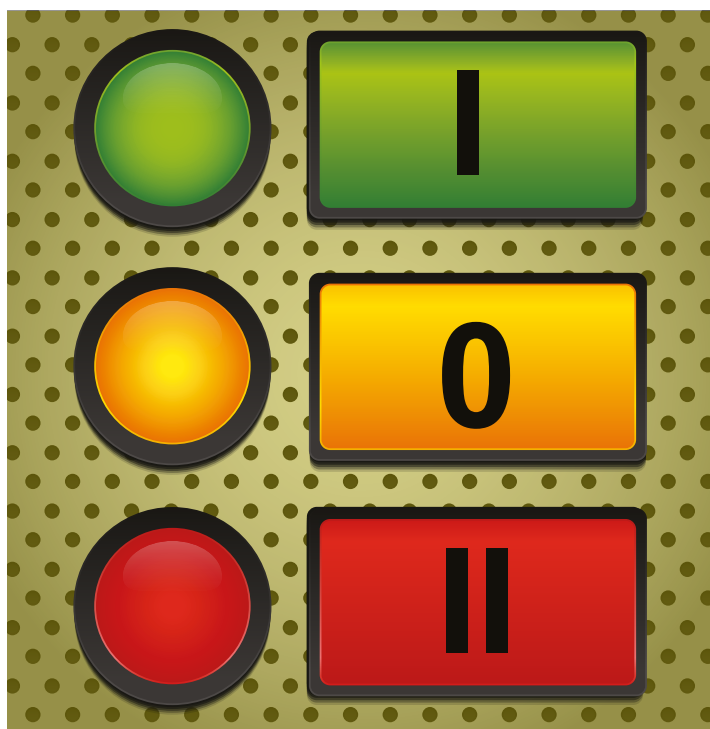
SVK3-16	16
SVK3-32	32
SVK3-63	63



4P

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

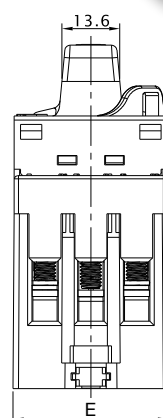
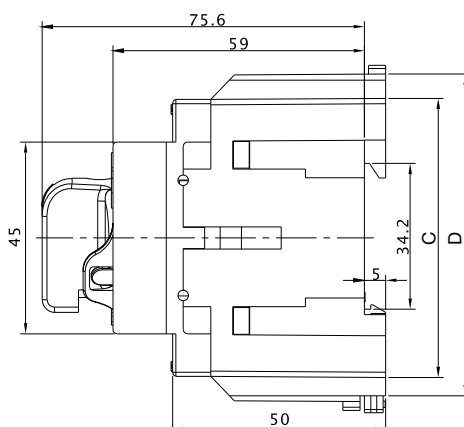
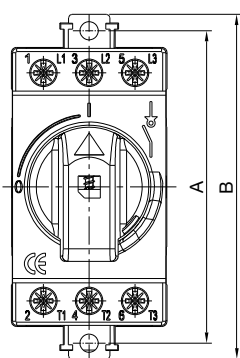

RELEVANT STANDARD
EN 60947-3
RELEVANT STANDARD
EN 60669-1

TÜV MEEI TEST DOCUMENTATION
28211822 001


EVOMS Reiheneinbau, Absperrbarer Lasttrennschalter

230/400 V AC	IP 20	 35x7.5	T_a  -25...+55°C	 U_i 800 V	
-----------------	------------------------	---	---	--	---

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



EVOMS80

EVOMS16

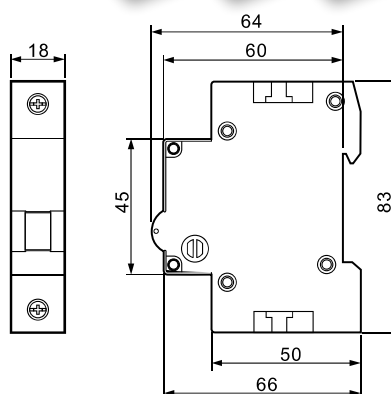


RELEVANT STANDARD
EN 60947-3

EVOSLJL Signallampen

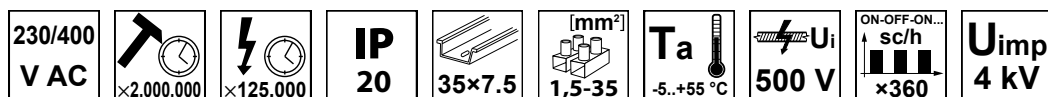
P_m 0,8 VA	 [h] 20.000		IP 20	 [mm ²] 1-25	 35x7.5	T_a  -25...+55°C
--------------------------------	--	---	------------------------	---	--	--

TRACON		U _n	
SLJL-AC230-P		230 V AC	× 1 LED
SLJL-AC230-Z		230 V AC	× 1 LED
SLJL-AC230-S		230 V AC	× 1 LED
SLJL-AC230-F		230 V AC	× 1 LED
SLJL-AC230-K		230 V AC	× 1 LED
SLJL-AC24-P		24 V AC	× 1 LED
SLJL-AC24-Z		24 V AC	× 1 LED
SLJL-AC24-S		24 V AC	× 1 LED
SLJL-AC24-F		24 V AC	× 1 LED
SLJL-AC24-K		24 V AC	× 1 LED
SLJL-AC230-3Z		3×230 V AC	× 3 LED
SLJL-AC230-SZP		3×230 V AC	× 3 LED
SLJL-DC220-P		220 V DC	× 1 LED
SLJL-DC220-Z		220 V DC	× 1 LED
SLJL-DC220-S		220 V DC	× 1 LED
SLJL-DC220-F		220 V DC	× 1 LED
SLJL-DC220-K		220 V DC	× 1 LED
SLJL-DC24-P		24 V DC	× 1 LED
SLJL-DC24-Z		24 V DC	× 1 LED
SLJL-DC24-S		24 V DC	× 1 LED
SLJL-DC24-F		24 V DC	× 1 LED
SLJL-DC24-K		24 V DC	× 1 LED

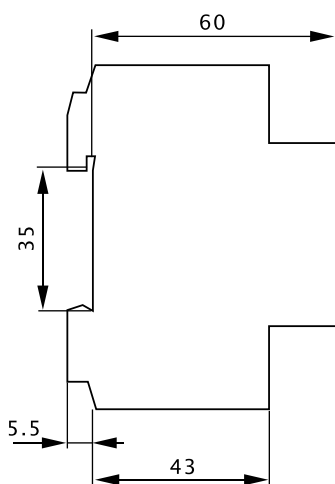
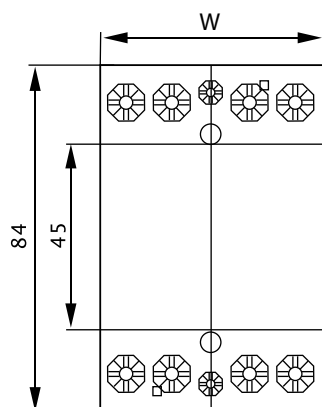


RELEVANT STANDARD
EN 62094-1
EN 60947-5

EVOHK Installations Schütze

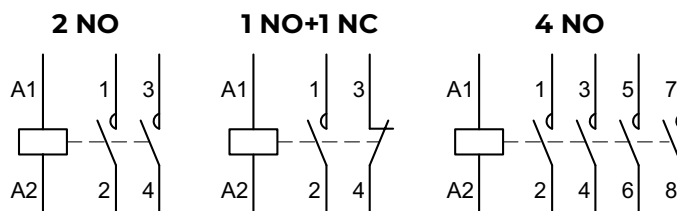


TRACON	U _m	I _n (A)	W (mm)	P _e (kW)				P _s			NC NO
				AC1 / AC7a 230V	AC3 / AC7b 230V	AC1 / AC7a 400V	AC3 / AC7b 400V				
EVOHK2-25	230 V AC	25	17,5	5	1,5	–	–	1,35 W	20A gG	2 x NO	
EVOHK2-25-24	24 V AC	25	17,5	5	1,5	–	–	1,35 W	20A gG	2 x NO	
EVOHK2-25V	230 V AC	25	17,5	5	1,5	–	–	1,35 W	20A gG	1 x 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	

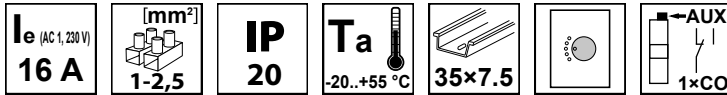


RELEVANT STANDARD
EN 60947-4-1

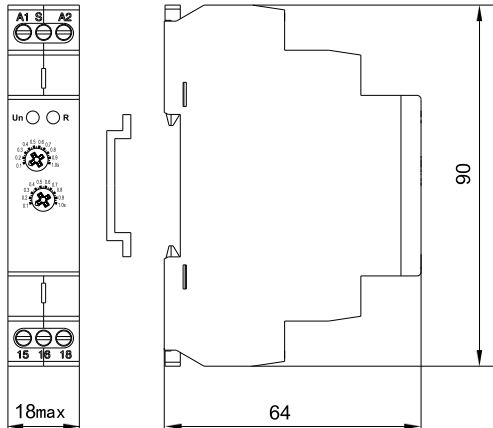
RELEVANT STANDARD
EN 61095



Einschaltverzögertes Zeitrelais



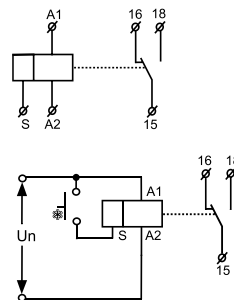
TRACON	U _m	VAC A	0 10 ha %	ha %	0 12 6	m
NARIDON	AC/DC 12-240 V	16 A 230 VAC	± 0,2 %	± 5 %	0,1 s - 10 h	62 g



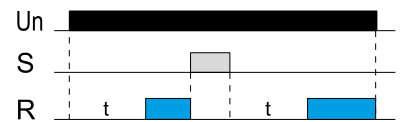
RELEVANT STANDARD
EN 61812-1

Anwendung

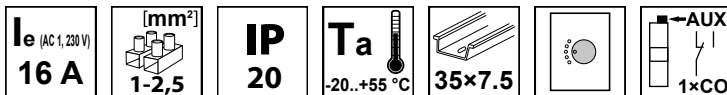
- Geeignet für Anwendungen, bei denen die Betriebs- und Zeitanforderungen bekannt sind.
- Zeit-Schalter, kann bei Pumpen, Verzögerung nach der Ausschaltung der Heizung, Lüfter-Schaltungen angewendet werden.



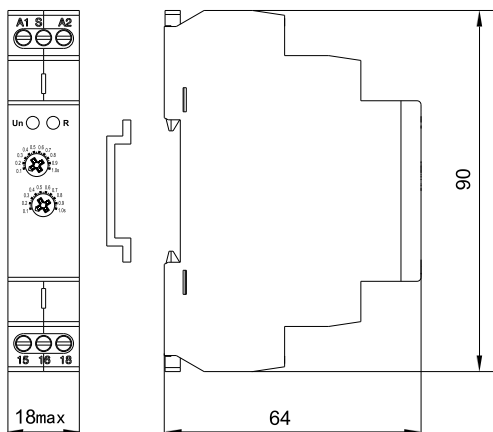
* Stepper-Knopf
(Impuls-Signal)



Ausschaltverzögertes Zeitrelais



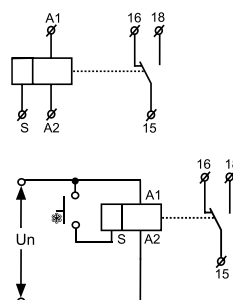
TRACON	U _m	VAC A	0 10 ha %	ha %	0 12 6	m
NARIDOFF	AC/DC 12-240 V	16 A 230 VAC	± 0,2 %	± 5 %	0,1 s - 10 h	62 g



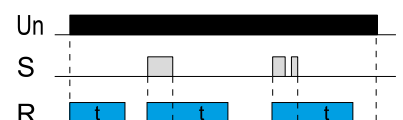
RELEVANT STANDARD
EN 61812-1

Anwendung

- Geeignet für Anwendungen, bei denen die Betriebs- und Zeitanforderungen bekannt sind.
- Zeit-Schalter, kann bei Pumpen, Verzögerung nach dem Ausschaltung der Heizung, Lüfter-Schaltungen angewendet werden.



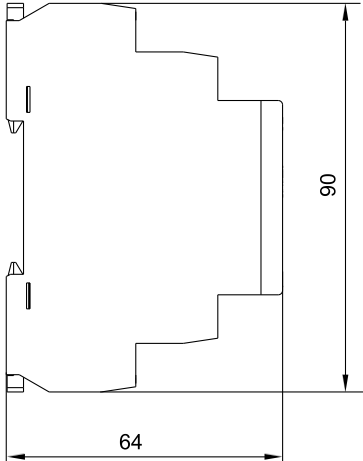
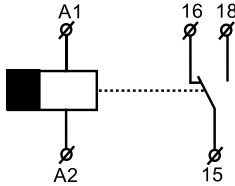
* Stepper-Knopf
(Impuls-Signal)



Ausschaltverzögertes Zeitrelais ohne Stromversorgung

I_e (AC 1, 230 V) 16 A	[mm²] 1-2,5	IP 20	T_a -20...+55 °C	35×7.5		
TRACON	U_m	VAC A				
NARIDOFFS	AC/DC 12-240 V	16 A 230 VAC	± 0,2 %	± 5 %	0,1 s - 10 min.	86 g

Anwendung
- Umschalten auf Sicherheitseinspeisung bei Spannungsmangel (EMERG Licht, NOT-Abgas oder ferngesteuerte Türen - im Brandfall.)

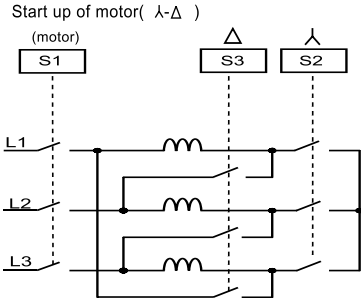
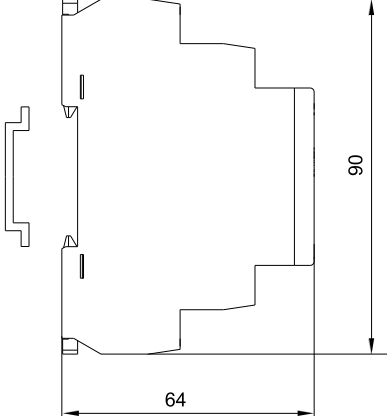
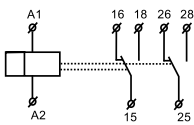


RELEVANT STANDARD
EN 61812-1

Stern-Dreieck Zeitrelais

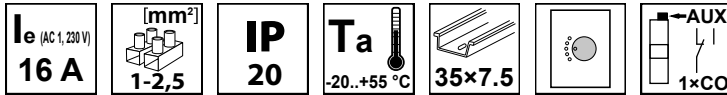
I_e (AC 1, 230 V) 16 A	[mm²] 1-2,5	IP 20	T_a -20...+55 °C	35×7.5		AUX 2×CO					
TRACON	U _m	VAC A	010 ha %	ha %	t ₁	t ₂	m				
NARIST	AC/DC 12-240 V	16 A 230 VAC	± 0,2 %	± 5 %	0,1 s - 10 min.	0,1 s - 1 s	86 g				

Anwendung
- Stern-Dreieck Start der dreiphasigen Motoren mit Kurzschlussläufer.
- Dreiphasig kurzgeschlossene Elektromotoren benötigen zum Starten einen relativ hohen Strom. Um den hohen Anlaufstromverbrauch zu reduzieren, werden die Motoren in Sternschaltung gestartet und nachdem der Motor seine Betriebsdrehzahl erreicht hat, werden seine Wicklungen mithilfe eines auf Betriebserfahrungen eingestellten Zeitrelais auf Dreieckschaltung geschaltet.

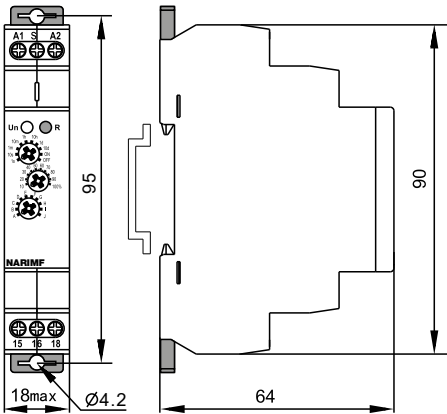


RELEVANT STANDARD
EN 61812-1

Multifunktions Zeitrelais (10 Funktionen)



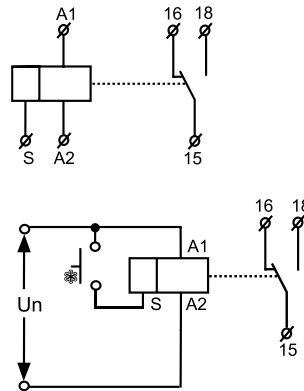
TRACON	Um	VAC A	0 10 ha %	ha %	0 12 6 s	m
NARIMF	AC/DC 12-240 V	16 A 230 VAC	± 0,2 %	± 5 %	0,1 s - 10 d	64 g



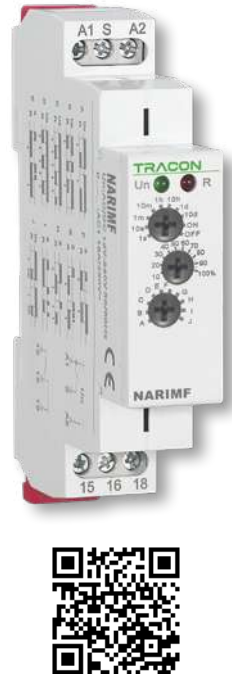
**RELEVANT STANDARD
EN 61812-1**

Anwendung

- Das Multifunktions-Timer-Relais kann für elektrische Geräte verwendet werden.
- Zum Beispiel Beleuchtung, Heizung, Motor, Pumpe und Lüftersteuerung. (10 Funktionen, 10 Zeitbereiche, mehrere Einspeisespannungen)



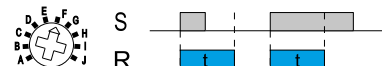
* Stepper-Knopf (Impuls-Signal)



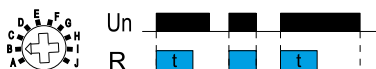
A: Einschaltverzögert



F: Ausschaltverzögert (S Steuersignal, 1 Hub)



B: Ausschaltverzögert



G: Taktrelais Takt startet am Ende des Steuerimpulses (kann nicht neu gestartet werden)



C: Blinkrelais (Start AUS)



H: Ein- und Ausschaltverzögert



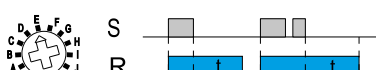
D: Blinkrelais (Start AN)



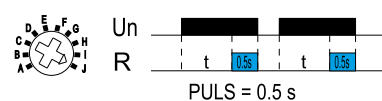
I: Impuls-Relais



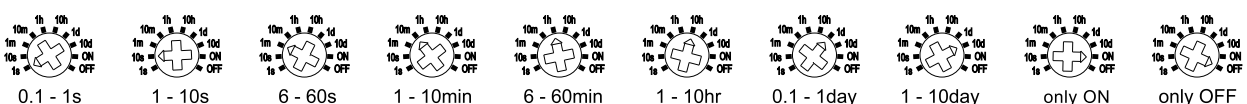
E: Ausschaltverzögert (S Steuersignal, Pause)



J: Impulsgenerator



Zeit-Intervall



EVOH Leitungsschutzschalter für höhere Anlaufströme

230/400
V AC


x20.000


x10.000

IP

20

35x7.5

16-50

[mm²]

16-50

Ta

-25...+55°C



500 V



I²t

3

I_{cn}

EN 60898

10 kA



OFF

TRACON

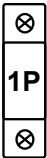


I_n
(A)

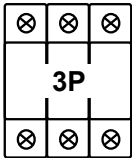
TRACON



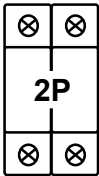
I_n
(A)



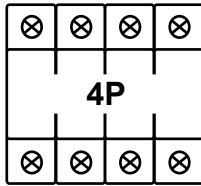
EVOH163	63
EVOH180	80
EVOH1100	100
EVOH1125	125



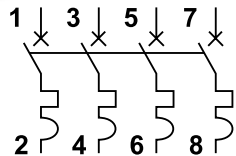
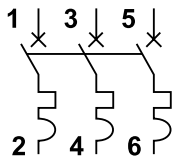
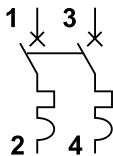
EVOH363	63
EVOH380	80
EVOH3100	100
EVOH3125	125



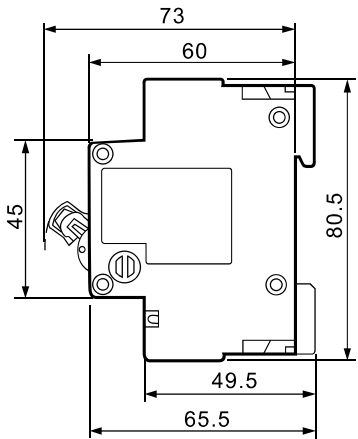
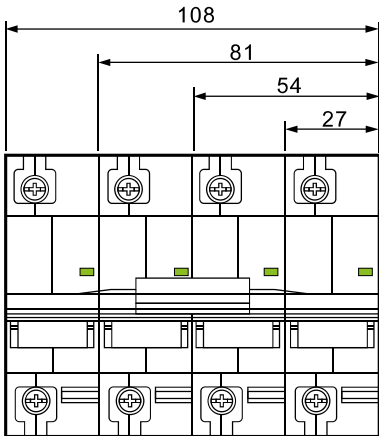
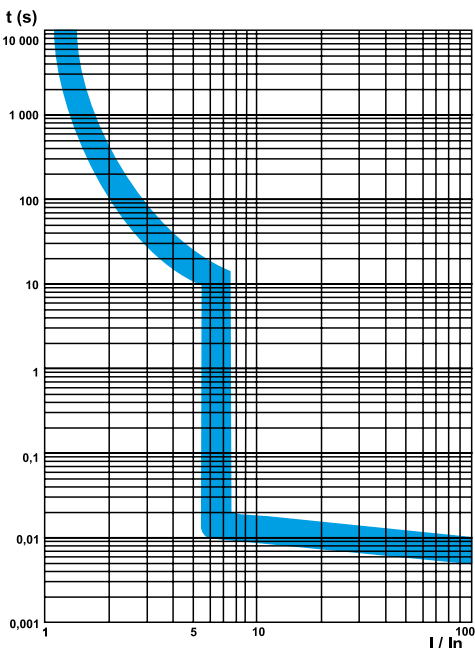
EVOH263	63
EVOH280	80
EVOH2100	100
EVOH2125	125



EVOH463	63
EVOH480	80
EVOH4100	100
EVOH4125	125

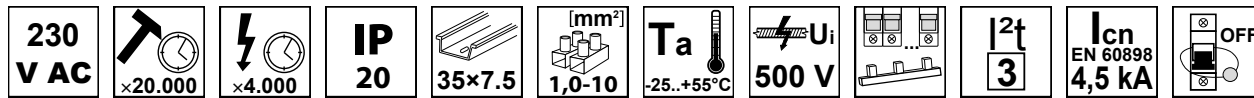


Auslösekennlinien



RELEVANT STANDARD
EN 60947-2

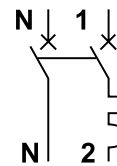
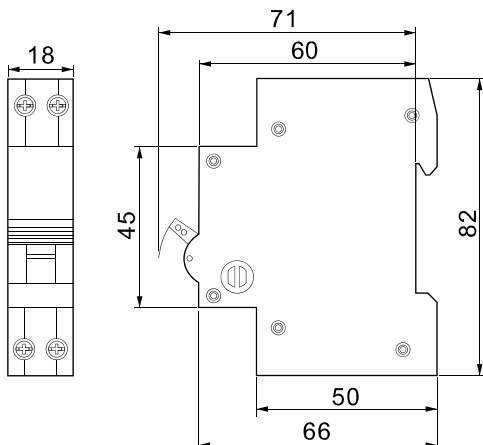
EVON Leitungsschutzschalter



TRACON		I _n (A)
	C	

⊗	⊗
1P	N
⊗	⊗

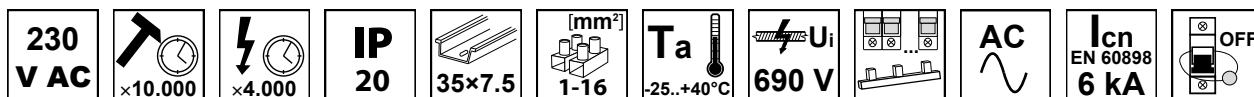
EVONC6	6
EVONC10	10
EVONC16	16
EVONC20	20
EVONC25	25
EVONC32	32



* Zweipoliges Gerät mit einem geschützten (Phase) und einem geschalteten (Neutral N) Pol.

RELEVANT STANDARD
EN 60898-1

EVOKE (FI/LS Kombinationen) mit 1 Modul Breite

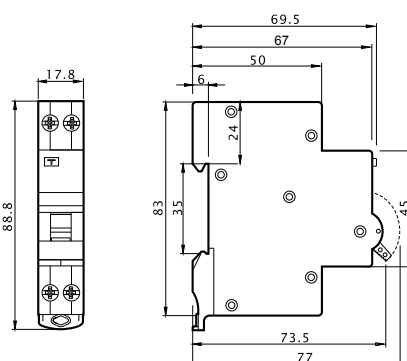
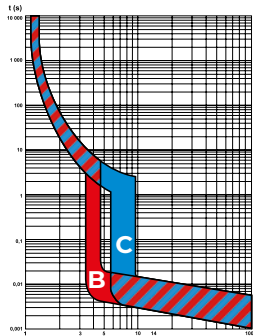


TRACON		I _n (A)	IΔ _n (mA)
	B		

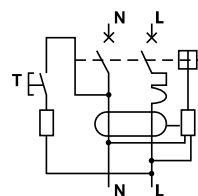
⊗	⊗
2P	
⊗	⊗

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

Auslösekennlinien



E3



RELEVANT STANDARD
EN 61009-1

EVOK (FI/LS Kombinationen)

230
V AC

 $\times 10.000$

 $\times 4.000$

IP
20

35×7.5

$\frac{[mm^2]}{1,5-25}$

Ta  $-25...+40^{\circ}C$

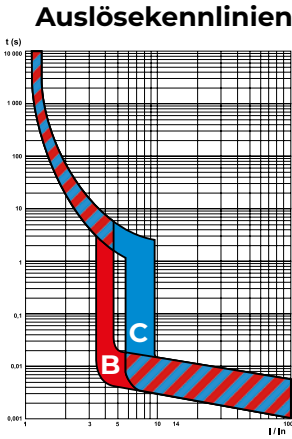
 U_i
690 V



AC 

Icn
EN 60898
4,5 kA

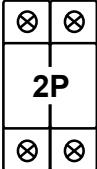
 OFF

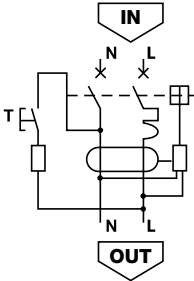


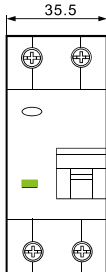
RELEVANT STANDARD
EN 61009-1

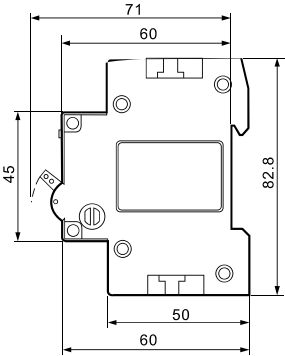


TRACON		In (A)	IΔn (mA)
B	C		
EVOK2B603	EVOK2C603	6	30
EVOK2B1003	EVOK2C1003	10	30
EVOK2B1603	EVOK2C1603	16	30
EVOK2B2003	EVOK2C2003	20	30
EVOK2B2503	EVOK2C2503	25	30
EVOK2B3203	EVOK2C3203	32	30
EVOK2B4003	EVOK2C4003	40	30









EVOKM (FI/LS Kombinationen), elektromechanisch

230
V AC

 $\times 10.000$

 $\times 4.000$

IP
20

35×7.5

$\frac{[mm^2]}{1,5-25}$

Ta  $-25...+55^{\circ}C$

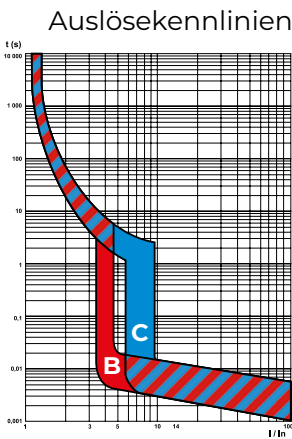
 U_i
690 V



AC 

Icn
EN 60898
6 kA

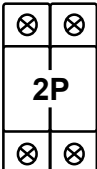
 OFF

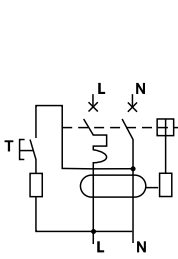


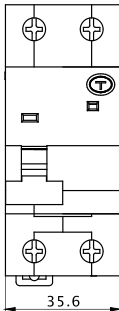
RELEVANT STANDARD
EN 61009-1

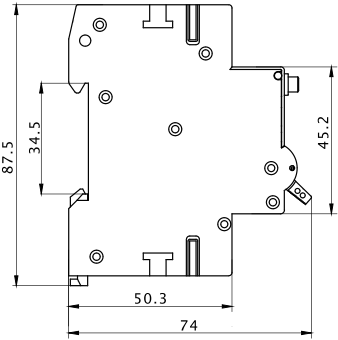


TRACON		In (A)	IΔn (mA)
B	C		
EVOKM2B603	EVOKM2C603	6	30
EVOKM2B1003	EVOKM2C1003	10	30
EVOKM2B1603	EVOKM2C1603	16	30
EVOKM2B2003	EVOKM2C2003	20	30
EVOKM2B2503	EVOKM2C2503	25	30
EVOKM2B3203	EVOKM2C3203	32	30
EVOKM2B4003	EVOKM2C4003	40	30
EVOKM2B5003	EVOKM2C5003	50	30
EVOKM2B6303	EVOKM2C6303	63	30





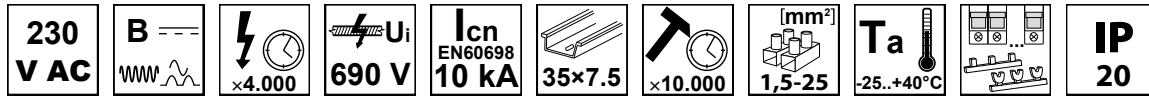






Das elektromechanische Kombi-Schutzgerät schützt gegen Stromschlag auch wenn der Nullleiter bricht!

EVOBKM-Selektiv Kombinierte Schutzschalter, Typ B, 6 kA



B
típus

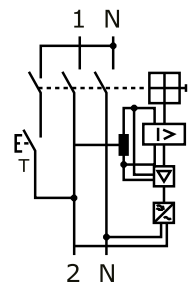
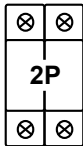
6 kA

B

WECHSELSTROM, PULSIERENDER GLEICHSTROM
UND ÜBERLAGERT MIT HOCHFREQUENTEN
FEHLERSIGNALEN IN NETZWERKEN



TRAICON		I_n (A)	$I_{\Delta n}$ (mA)
EVOBKM2B603	EVOBKM2C603	6 A	30 mA
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	



EVOK4 Kombi-Schutzschalter, Typ A, 10 kA



A
típus

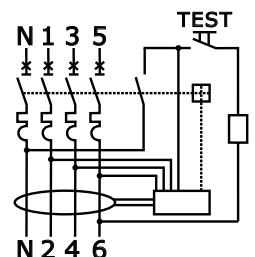
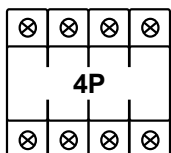
10 kA

A

FÜR WECHSELSTROM UND PULSIERENDE
GLEICHSTROMNETZE!



TRAICON		I_n (A)	$I_{\Delta n}$ (mA)
EVOK4B603	EVOK4C603	6 A	30 mA
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	



Isolier (Klingel) transformatoren

IP
20


35×7.5

mm²

1,5-10

Ta

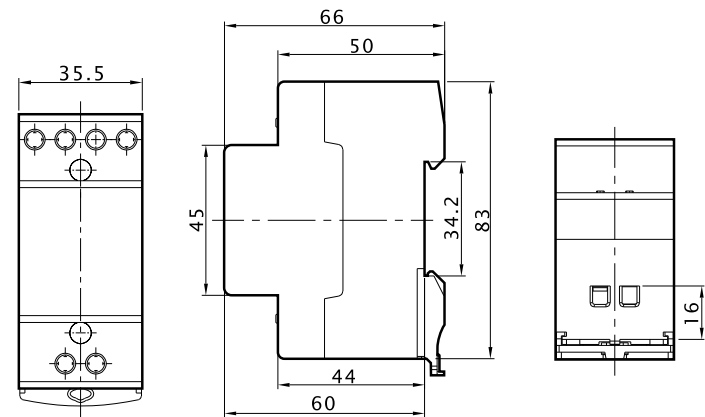

-25..+55°C

Ui

500 V



TRACON	Ps	 Upr	 Usec	 Isec
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



EVOP Modulare Drucktasten, Druckschalter

230
V AC


×250.000


×10.000

IP
20


35×7.5

mm²

1-10

Ta

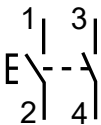

-5..+55°C

Ui

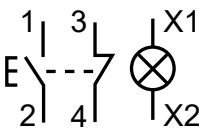
500 V



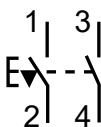
EVOPB



EVOPBL



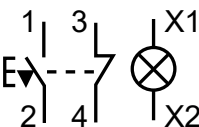
EVOPS



EVOPB2



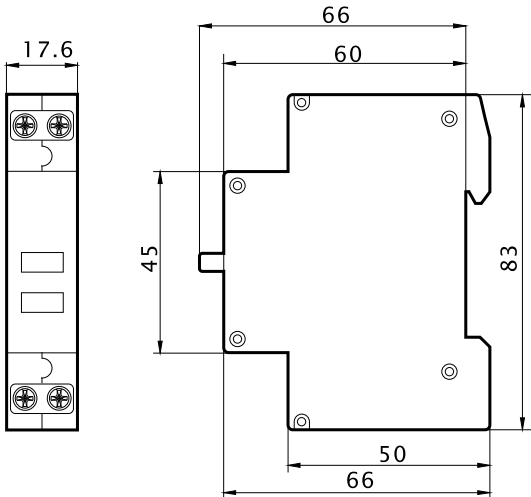
EVOPSL



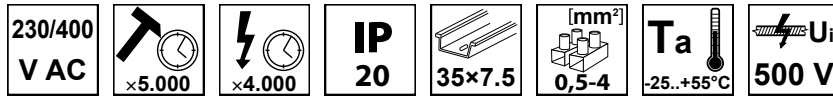
TRACON	I _{th}	I _e (AC-14) (230V AC)	 NC  NO
EVOPS	16 A	6 A	2 NO
EVOPB	16 A	6 A	2 NO
EVOPB2	16 A	6 A	1 NO, 1 NC
EVOPBL	16 A	6 A	1 NO+1 NC
EVOPSL	16 A	6 A	1 NO+1 NC



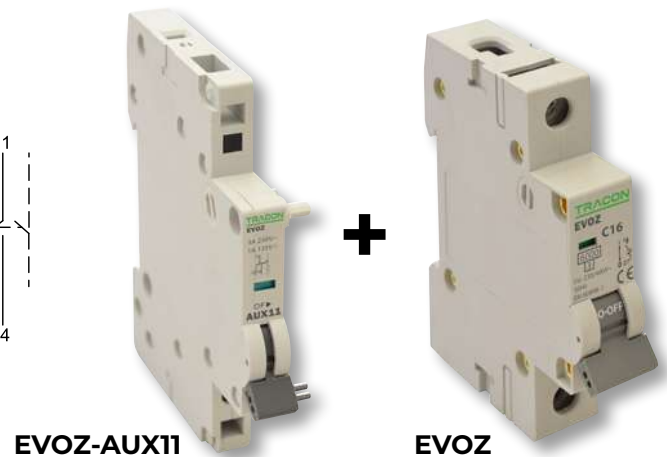
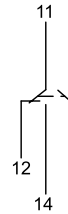
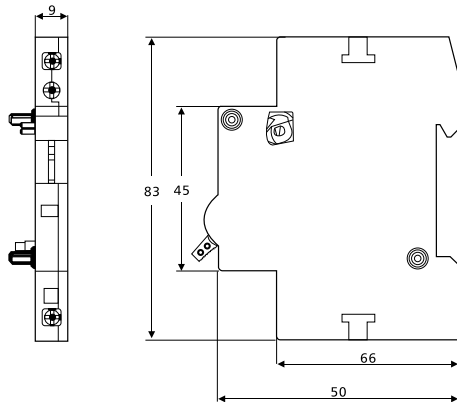
RELEVANT STANDARD
EN 60947-5-1



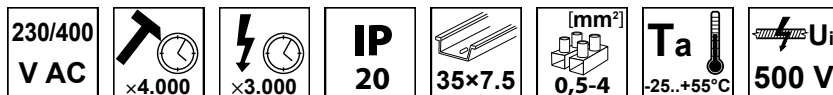
Hilfs- und Alarmschalter



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					

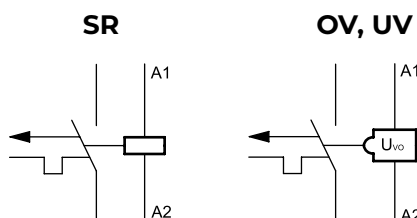
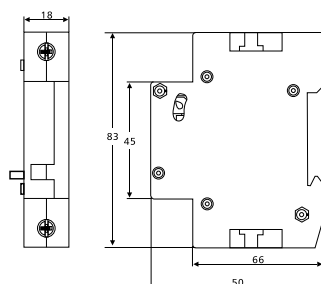


Arbeitsstrom (Shunt) - Auslöser, Unter/Überspannungs-Auslöser



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 $\pm$ 5%	170 V $\pm$ 5%
EVOH-UOVR	EVOH	–	280 V $\pm$ 5%	170 V $\pm$ 5%
EVOTDA-UOVR	EVOTDA	–	280 V $\pm$ 5%	170 V $\pm$ 5%
EVOZ-OVR	EVOZ	–	280 V $\pm$ 5%	–
EVOZ-UVR	EVOZ	–	–	170 V $\pm$ 5%
EVOTDA-OVR	EVOTDA	–	280V $\pm$ 5%	–
EVOTDA-UVR	EVOTDA	–	–	170 V $\pm$ 5%

* Arbeitsstromauslöser



Unter/Überspannung Relais mit automatischer Rücksetzung (AWE-Relais)



32 A gG



230/400
V AC



×4.000



IP
20



35×7.5



[mm²]
1,5-25



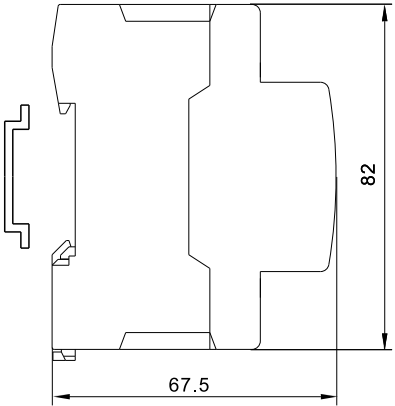
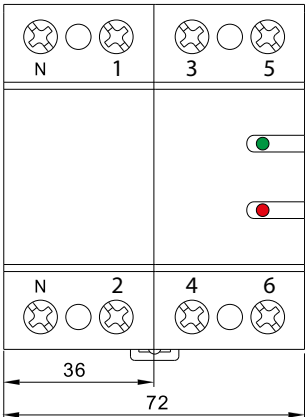
Ta
-20..+55 °C



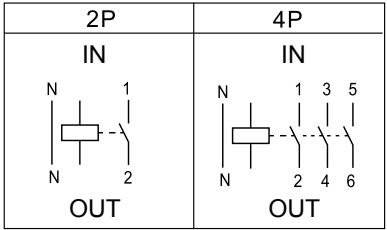
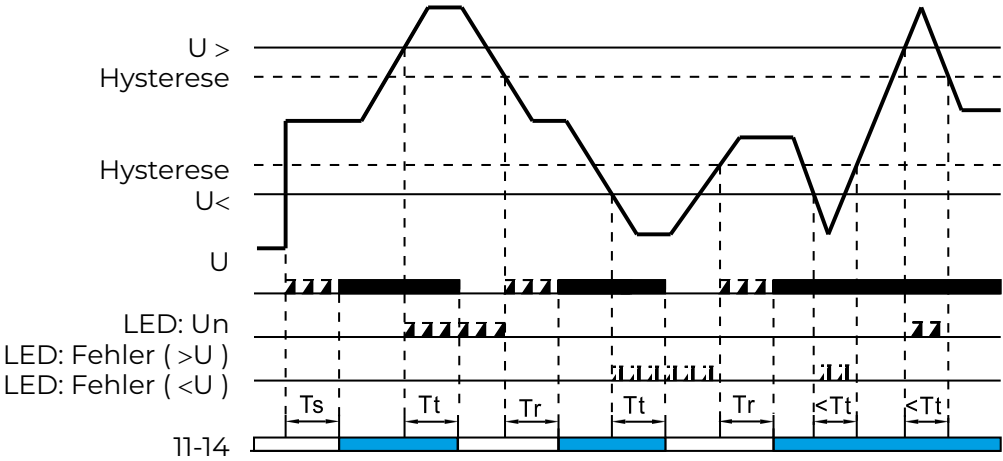
500 V
Ui



TRACON	2P		4P	
	EVOU02	EVOUC2P63	EVOU04	EVOU04P63
Nennspannung	230 V AC		230 V AC (L-N)	
Nennfrequenz	50 Hz			
Nennstrom	40 A (AC 1)			
Nennleistung	AC max. 3 VA			
Obere Spannungsschutz-Ebene	265 V (fix)		265 V (L-N) (fix)	
Obere Zurückschaltung-Ebene	257 V (fix)		257 V (L-N) (fix)	
Untere Spannungsschutz-Ebene	175 V (fix)		175 V (L-N) (fix)	
Untere Zurückschaltung-Ebene	180 V (fix)		180 V (L-N) (fix)	
Schaltzeit	1 s			
Einschaltverzögerung	2 s			
Rücksetzzeit	30 s			
Messgenauigkeit	≤1%			
Gewicht	120 g		250 g	

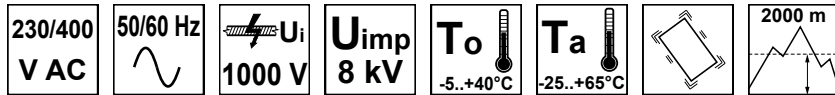


- Schutz gegen Spannungsanstieg und -abfall.
- das Gerät trennt den Stromkreis vom Netz, wenn die Spannung die Grenzwerte überschreitet
- Sobald sich die Spannung wieder innerhalb der Grenzen bewegt, steht automatisch nach 30 Sekunden die Netzspannung zur Verfügung!
- Der Betriebszustand wird durch LEDs angezeigt



Ts: Betriebslaufzeit
Tt: Ausschlagsverzögerung
Tr: Rücksetzzeit

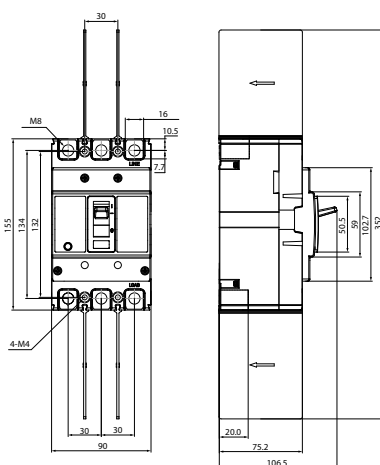
Kompaktleistungsschalter, AKM mit einstellbarer TM-Auslösung



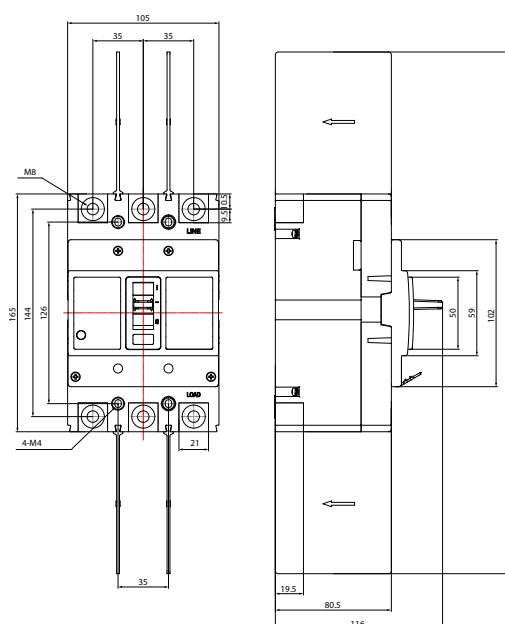
I_r	AKM1,-2,-3,-4	0,8-1 ($\times I_n$)
I_i	AKM1,-2,-3,-4	5-10 ($\times I_n$)
I_{cu} (kA_{eff}) AC 400 V	AKM1, AKM2	36
	AKM3, AKM4	50
I_{cs} (kA_{eff}) AC 400 V	AKM1, AKM2	25
	AKM3, AKM4	35
ON-OFF-ON... $\frac{sc}{h}$ I_{max}	AKM1,-2	120
	AKM3,-4	60
	AKM1,-2	7000
	AKM3,-4	4000
	AKM1,-2	1000
	AKM3,-4	1000
	AKM1	1,50
	AKM2	1,92
	AKM3	5,00
	AKM4	5,25

TRACON	I_e	I_r	TRACON	I_e	I_r	TRACON	I_e	I_r	TRACON	I_e	I_r
AKM1-20	20	(16-20)	AKM1-63	63	(50,4-63)	AKM1-160	160	(128-160)	AKM3-400	400	(320-400)
AKM1-32	32	(25,6-32)	AKM1-80	80	(64-80)	AKM2-180	180	(144-180)	AKM4-630	630	(504-630)
AKM1-40	40	(32-40)	AKM1-125	125	(100-125)	AKM2-250	250	(200-250)			

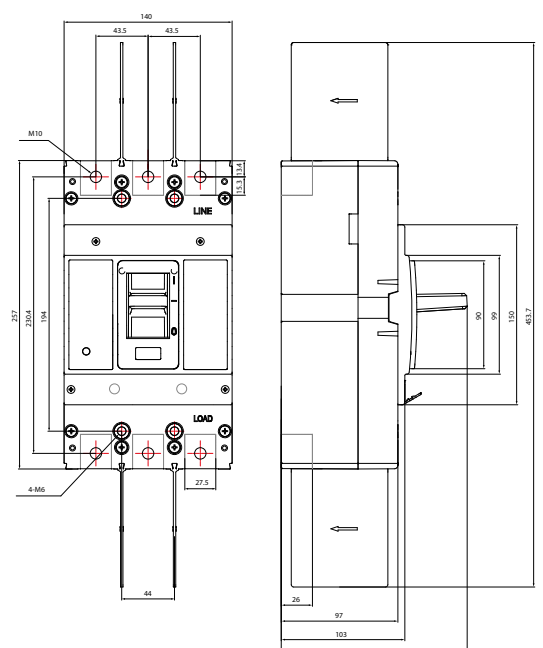
Abmessungen (AKM1)

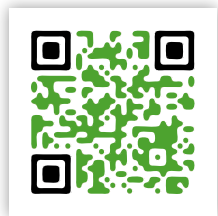


Abmessungen (AKM2)



Abmessungen (AKM3,-4)





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Weitere Informationen von unseren Wiederverkäufern!