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# K'ELECTRIC



PRODUCTS

**TYTAN®**



**TYTAN® TH1**

# Fuse switchgear & accessories

## Baseplate mounting & DIN rail systems



D0 fuses are the most frequently used protective devices in Europe. Modern fuse switching devices enable convenient and, above all, safe use of these fuses. Our D0 fuse-switches stand for high operating safety, IEC conformity and the highest product quality. Our flashing indicators are a 100% guaranteed fuse monitoring – as standard. State-of-the-art monitoring electronics provide all relevant information for the system operator.

# TYTAN® II

## D0 fuse switch disconnecter

**Nominal current unmistakability due to full coding (1–63A).** The TYTAN® system codes consistently for all amperage levels. Also between the new stages 13, 32 and 40A.

- ✓ Flashing indicator (in plug)
- ✓ Fuse plug
- ✓ Full coding for ALL current levels
- ✓ Sealable
- ✓ Lockable

Item	Item no.	PU
TYTAN II D0 fuse switch disconnecter 1-pole	102651	12
TYTAN II D0 fuse switch disconnecter 2-pole	102652	6
TYTAN II D0 fuse switch disconnecter 3-pole	102653	4
TYTAN II D0 fuse switch disconnecter 3-pole with PEN terminal	102649	3

**\*Delivered without fuse plug!**



102653

Item	Item no.	PU
TYTAN II D0 fuse switch disconnecter 1-pole + N	102641	6
TYTAN II D0 fuse switch disconnecter 3-pole + N	102643	3

**\*Delivered without fuse plug!**



102641



102643

Item	Item no.	PU
TYTAN II D0 fuse switch disconnecter 1-pole + N + auxiliary switch for switching position	102841	4
TYTAN II D0 fuse switch disconnecter 3-pole + N + auxiliary switch for switching position	102843	2
TYTAN II D0 fuse switch disconnecter 1-pole + auxiliary switch for switching position	102851	6
TYTAN II D0 fuse switch disconnecter 2-pole + auxiliary switch for switching position	102852	4
TYTAN II D0 fuse switch disconnecter 3-pole + auxiliary switch for switching position	102853	3

**\*Delivered without fuse plug!**



102851



102853

Item	Item no.	PU
TYTAN II D0 fuse switch disconnecter 3-pole incl. fuse 25A and fixed fitting rings	102653.24ABF25	4
TYTAN II D0 fuse switch disconnecter 3-pole incl. fuse 35A and fixed fitting rings	102653.24ABF35	4
TYTAN II D0 fuse switch disconnecter 3-pole incl. fuse 40A and fixed fitting rings	102653.24ABF40	4
TYTAN II D0 fuse switch disconnecter 3-pole incl. fuse 50A and fixed fitting rings	102653.24ABF50	4

**\*Delivered without fuse plug!**



102653.24ABF25



102653.24ABF50

## TYTAN® II main protection

D0 fuse switch disconnecter with fuse monitoring relay

**Nominal current unmistakability due to full coding.** The TYTAN® system codes consistently for all amperage levels. Also between the new stages 13, 32 and 40A.

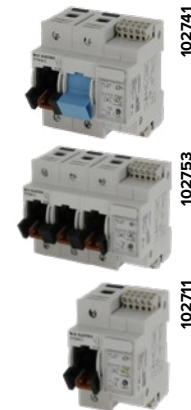
- ✓ Flashing indicator (in plug)
- ✓ Sealable and lockable
- ✓ Full coding for ALL current levels
- ✓ Fuse plug

Item	Item no.	PU
TYTAN II main protection 1-pole, 60-230/400V AC / 60-110V DC	102751	6
TYTAN II main protection 2-pole, 60-230/400V AC / 60-220V DC	102752	4
TYTAN II main protection 3-pole, 60-230/400V AC	102753	3

Item	Item no.	PU
TYTAN II main protection 1-pole + N, 60-230/400V AC	102741	4
TYTAN II main protection 3-pole + N, 60-230/400V AC	102743	2

Item	Item no.	PU
TYTAN II main protection 1-pole, 24-60V AC/DC	102711	6
TYTAN II main protection 2-pole, 24-60V AC/DC	102712	4
TYTAN II main protection 3-pole, 24-60V AC/DC	102713	3

\*Delivered without fuse plug!



## TYTAN® II fuse plugs in set

- ✓ For equipping TYTAN® II fuse switch disconnecter and main protection incl. fuse link
- ✓ 1 set: 3x fuse plugs incl. safety insert, 3x pass insert, spar click box

Item	Color	Item no.	Item no.	PU
		50-250V DC, 50-400V AC	24-60V DC	
TYTAN II fuse plugs 1A	orange	102601	102401	1
TYTAN II fuse plugs 2A	orange-brown	102602	102402	1
TYTAN II fuse plugs 4A	grey-brown	102604	102404	1
TYTAN II fuse plugs 6A	green	102606	102406	1
TYTAN II fuse plugs 10A	pink	102610	102410	1
TYTAN II fuse plugs 13A	black	102613	102413	1
TYTAN II fuse plugs 16A	grey	102616	102416	1
TYTAN II fuse plugs 20A	blue	102620	102420	1
TYTAN II fuse plugs 25A	yellow	102625	102425	1
TYTAN II fuse plugs 32A	purple	102632	102432	1
TYTAN II fuse plugs 35A	black	102635	102435	1
TYTAN II fuse plugs 40A	brown	102640	102440	1
TYTAN II fuse plugs 50A	white	102650	102450	1
TYTAN II fuse plugs 63A	dark brown	102663	102463	1

\*Individual plugs can be found on the next page



## TYTAN® II fuse plugs – single

Item	Color	Item no.	Item no.	PU
		50-250V DC, 50-400V AC	24-60V DC	
TYTAN II fuse plug 1A	orange	102601/1		1
TYTAN II fuse plug 2A	orange-brown	102602/1	102402/1	1
TYTAN II fuse plug 4A	grey-brown	102604/1	102404/1	1
TYTAN II fuse plug 6A	green	102606/1	102406/1	1
TYTAN II fuse plug 10A	pink	102610/1	102410/1	1
TYTAN II fuse plug 13A	black	102613/1	102416/1	1
TYTAN II fuse plug 16A	grey	102616/1	102420/1	1
TYTAN II fuse plug 20A	blue	102620/1	102425/1	1
TYTAN II fuse plug 25A	yellow	102625/1	102432/1	1
TYTAN II fuse plug 32A	purple	102632/1	102435/1	1
TYTAN II fuse plug 35A	black	102635/1	102440/1	1
TYTAN II fuse plug 40A	brown	102640/1	102450/1	1
TYTAN II fuse plug 63A	dark brown	102663/1	102463/1	1



## TYTAN® II – Accessories

### Short-circuit plug as cutting knife, 1 set = 3 pieces

Item	Item no.	PU
TYTAN II short-circuit plug with print: "blind plug"	102300-1	1
TYTAN II short-circuit plug with print: electric flash white	102300-2	1
TYTAN II short-circuit plug with print: „cutting knife“	102300-3	1



### Reclosing lockout in clickbox for DIN rail

Item	Color	Item no.	PU
Reclosing lockout cylindrical lock 5A5	schwarz	102007-1	1
Reclosing lockout cylindrical lock 5A4	blau	102007-2	1
Reclosing lockout cylindrical lock 5A3	grün	102007-3	1
Reclosing lockout cylindrical lock 5A1	gelb	102007-4	1
Reclosing lockout cylindrical lock 5A2	rot	102007-5	1
Reclosing lockout plastic lock	schwarz	102008-1	1
Reclosing lockout plastic lock	blau	102008-2	1
Reclosing lockout plastic lock	grün	102008-3	1
Reclosing lockout plastic lock	gelb	102008-4	1
Reclosing lockout plastic lock	rot	102008-5	1



Item	Item no.	PU
TYTAN II double terminal 3 x 2 x 35mm <sup>2</sup>	102013	4



### Dummy

Item	Item-no.	PU
TYTAN II dummy (empty fuse plug) without flashing indicator	102300	1



## TYTAN® I

### D01 fuse switch disconnecter

- ✓ Flashing indicator
- ✓ Universal fuse plug
- ✓ Connection width 1 unit per pole
- ✓ LS switch compatible
- ✓ No fitting sleeves necessary
- ✓ 2 – 16A

Item	Item no.	PU
TYTAN I D01 fuse switch disconnecter 1-pole	101651	12
TYTAN I D01 fuse switch disconnecter 2-pole	101652	6



Item	Item no.	PU
TYTAN I D01 fuse switch disconnecter 3-pole	101653	4



Item	Item no.	PU
TYTAN I D01 fuse switch disconnecter 1-pole + N	101641	6
TYTAN I D01 fuse switch disconnecter 3-pole + N	101643	3



## IN-ON

### D0- fuse switch disconnecter

- ✓ Flashing indicator
- ✓ Universal fuse plug
- ✓ Sealable and lockable
- ✓ Triggered by push button
- ✓ 2 – 63A

Item	Item no.	PU
IN-ON D0 fuse switch disconnecter 1-pole	101771	12
IN-ON D0 fuse switch disconnecter 1-pole incl. fuse 10A	101773	12
TYTAN R / CORON R / TYTAN T / CORON DUO plug reducing spring from D01 to D02	101774	12



### Accessories

Item	Item no.	PU
TYTAN T, TYTAN R and IN-ON shorting bolt	101780	3



## TYTAN® Q

### D0 fuse switch disconnect

- ✓ Construction width of 72mm only 4 units/1-pole 2 units
- ✓ 16mm<sup>2</sup> spring terminals in the outlet
- ✓ Double terminal in the input until 35mm<sup>2</sup>
- ✓ Universal fuse plug
- ✓ Optical fuse monitoring with flashing indicator
- ✓ All-pole switchable

### TYTAN® Q 400VAC<sup>~</sup>, D0: 2 – 63A

Item	Item no.	PU
TYTAN Q 1-pole + N, 2 units	103315	6



Item	Item no.	PU
TYTAN Q 3-pole, 4 units	103313	3



Item	Item no.	PU
TYTAN Q 3-pole + N, 4 units	103316	3
TYTAN Q 3-pole + auxiliary switch, 4 units	103317	3



### Accessories

Item	Item no.	PU
Padlock in the click box	104664	1
Plug reducing spring for D01 fuses	103321	12



## TYTAN® T

Fuse switch disconnecter for D0 and cylindrical fuses 10x38mm

- ✓ Construction width of 72mm only 4 units
- ✓ 25mm<sup>2</sup> frame terminals
- ✓ Universal fuse plug
- ✓ Optical fuse monitoring with flashing indicator
- ✓ All-pole switchable

### TYTAN® T, 400V<sup>~</sup>, D0: 2 – 63A, 10x38mm: 2 – 32A

Item	Item no.	PU
TYTAN TF D0 fuse switch disconnecter 3-pole, 4 units wide	104213	3
TYTAN TF D0 fuse switch disconnecter 3-pole + N, 4 units wide	104215	3
TYTAN TF D0 fuse switch disconnecter 3-pole with auxiliary switch, 4 units wide	104217	3



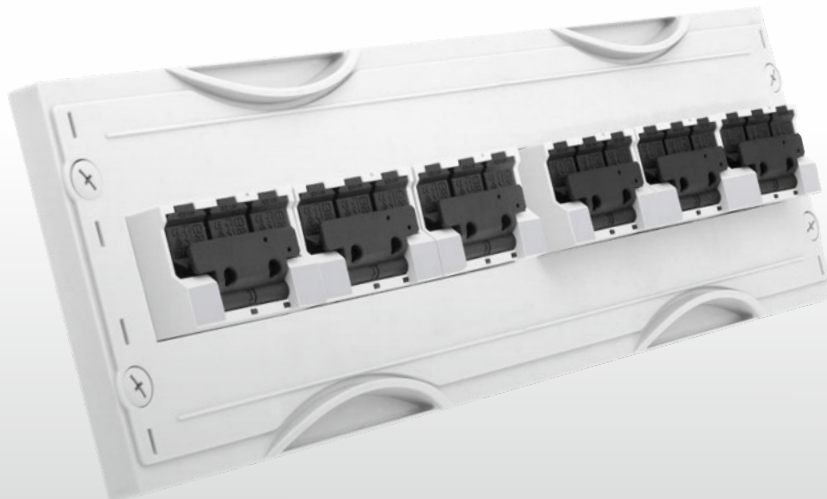
### TYTAN® T, 500V<sup>~</sup>, 10x38mm: 2 – 25A

Item	Item no.	PU
TYTAN T fuse switch disconnecter 3-pole for cylindrical fuses 10x38	104383	3
TYTAN T fuse switch disconnecter 3-pole + N for cylindrical fuses 10x38	104385	3
TYTAN T fuse switch disconnecter 3-pole + auxiliary switch for cylindrical fuses 10x38	104387	3



### Accessories

Item	Item no.	PU
TYTAN R / CORON R / TYTAN T / TYTAN Q / CORON DUO plug reducing spring from D01 to D02	101774	12
Padlock in the click box	104664	1
TYTAN T, TYTAN R and IN-ON shorting bolt	101780	3



## TYTAN® T4P

Additionally with optical phase and rotating field display

### 400VAC<sup>~</sup>, D0: 2 – 63A, 10 x 38mm: 2 – 32A

Item	Item no.	PU
TYTAN T4P 3-pole+ N; with 3-fold phase indicator and flashing indicator	104255	3
TYTAN T4P 3-pole+ N; with 3-fold phase indicator and flashing indicator, equipped with 20A fuses	104255.20	3
TYTAN T4P 3-pole + N; with 3-fold phase indicator and flashing indicator, equipped with 25A fuses	104255.25	3
TYTAN T4P 3-pole + N; with 3-fold phase indicator and flashing indicator, equipped with 35A fuses	104255.35	3
TYTAN T4P 3-pole + N; with 3-fold phase indicator and flashing indicator, equipped with 40A fuses	104255.40	3
TYTAN T4P 3-pole + N; with 3-fold phase indicator and flashing indicator, equipped with 50A fuses	104255.50	3



## TYTAN® T4H | T4HP | T4HR main protection

with signaling contact for fuse failure, phase failure and overtemperature

- ✓ Only 4 units wide
- ✓ Flashing indicator
- ✓ Universal fuse plug
- ✓ Potential-free changeover contact for: Fuse, phase and temperature monitoring of the 3-phases

### 400V<sup>~</sup> – with signaling contact for fuse failure – phase failure & overtemperature

Item	Item no.	PU
TYTAN T4H D0 fuse switch disconnecter 3-pole, 4 units wide with fuse monitoring	104233	4
TYTAN T4H D0 fuse switch disconnecter 3-pole + N, 4 units wide with fuse monitoring	104235	4



### 400V<sup>~</sup> – with signaling contact for fuse failure & overtemperature – no signaling for phase failure

Item	Item no.	PU
TYTAN T4HR D0 fuse switch disconnecter 3-pole, 4 units wide with fuse monitoring	104263	4
TYTAN T4HR D0 fuse switch disconnecter 3-pole + N, 4 units wide with fuse monitoring	104265	4
TYTAN T4HR D0 fuse switch disconnecter 3-pole, 4 units wide with fuse monitoring and HS	104267	4



### Accessories

Item	Item no.	PU
TYTAN R / CORON R / TYTAN T / CORON DUO plug reducing spring from D01 to D02	101774	12
Padlock in the click box	104664	1
TYTAN T, TYTAN R and IN-ON shorting bolt	101780	3



## TYTAN® TH1 main protection

with signal relay for fuse and temperature monitoring

TYTAN® main protection signals fuse cut-outs and forwards them to the external relay unit via an RJ connection cable. At the same time, dangerous overheating of the switching device is also indicated and reported. A potential-free changeover contact is available as an interface on the relay section. As a collective fault signal, up to 12 switching devices can be monitored together by connecting them in series.

- ✓ Fuse and temperature monitoring
- ✓ Potential-free relay contacts

### 400V~, D0: 2 – 63A; 10 x 38: 2 – 32A

Item	Item no.	PU
TYTAN TH1 main protection 3-pole, D0 fuse switch disconnecter 3-pole, 4 units wide	104703	3
TYTAN TH1 main protection 3-pole + N, D0 fuse switch disconnecter 3-pole, 4 units wide	104705	3



### Accessories

Item	Item no.	PU
Main protection relay module HR11, 3 changer	103711	1
Main protection relay module HR12, 2 changer	103712	1
Main protection relay module HR13, 1 changer	103713	1
RJ connection cable 200mm	103730	1
RJ connection cable 500mm	103731	1
RJ connection cable 1000mm	103732	1
RJ connection cable 1500mm	103733	1



## TYTAN® THBus

Fuse and temperature monitoring with Modbus interface

- ✓ Detailed fuse monitoring for up to 28 devices via Modbus RTU interface
- ✓ Checking the individual temperatures and switching positions



Item	Item no.	PU
TYTAN THBus main protection 3-pole, D0 fuse switch disconnecter 3-pole, 4 units wide	101803	4
TYTAN THBus main protection 3-pole + N, D0 fuse switch disconnecter 3-pole + N, 4 units wide	101804	4
Power supply unit 100-230VAC / 24V DC / 10VA	103700	1



### Accessories

Item	Item no.	PU
Modbus connector	101830	1
Termination resistor RJ11	101839	1
RJ connection cable 200mm	103730	1
RJ connection cable 500mm	103731	1
RJ connection cable 1000mm	103732	1
RJ connection cable 1500mm	103733	1





## IMPRINT

**K'ELECTRIC GmbH** | Carl-Benz-Straße 7 | 95448 Bayreuth | Germany

### Contact

Phone: +49 921 151 26 78-0

Fax: +49 921 151 26 78-20

E-mail: [office@k-electric-gmbh.de](mailto:office@k-electric-gmbh.de)

Web: [www.k-electric-gmbh.de](http://www.k-electric-gmbh.de)

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