

TYTAN® II

D0-Fuse switch disconnecter for TYTAN® II blink plugs



- ✓ Width of 27mm per pole
- ✓ Fuse plug with touch protection
- ✓ Integrated flashing indicator
- ✓ Safety switch, all pole disconnection
- ✓ Codeable for all amperages
- ✓ Fuse plug with finger protection
- ✓ Lockable with key-plug
- ✓ Sealable
- ✓ Double-side supply



DIN rail
devices
H 35mm

Versions

Item	kg/pc	unit	Item No.
1 pole	0,12	12	10 2651
2 pole	0,23	6	10 2652
3 pole	0,35	4	10 2653
1 pole + N (N pre-/ post lagging phase)	0,25	6	10 2641
3 pole + N (N pre-/ post lagging phase)	0,48	3	10 2643
1-pole; with auxiliary switch for switching status	0,17	6	10 2851
2-pole; with auxiliary switch for switching status	0,28	4	10 2852
3-pole; with auxiliary switch for switching status	0,40	3	10 2853
1-pole + N; with auxiliary switch for switching status	0,30	4	10 2841
3-pole + N; with auxiliary switch for switching status	0,53	2	10 2843

Tested according to

IEC/EN 60947-1, IEC/EN 60947-3

Standards

DIN VDE 0636-3 for fuses

According to IEC/EN 61439-3, VDE 0660-600-3 operation by laymen is permitted.

Electrical data according to IEC/EN

Rated operational voltage: U_E

Rated operational current: I_E

Continuous rated current: I_U

Rated short circuit making capacity: I_{cm}

Rated impulse with stand voltage: U_{imp}

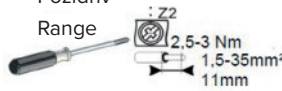
Rated insulation voltage: U_i

AC 50 - 400V
DC 1-polig 50 - 110V,
DC 2-polig 50 - 250V
63 A
63 A
50KA_{eff}
6000V
690V

Elektrische Daten nach IEC/EN

Utilisation category:	102651, 102641	250V/ 63A
	102851, 102841	110V/ 63A
		230V/ 63A
	102652, 102852	250V/ 63A
Over voltage category / degree of pollution:		220V/ 63A
		400V/ 63A
	102653, 102643	400V/ 63A
	102853, 102843	IV
Kriechstromfestigkeit:		CTI 600
Max. permitted power dissipation P_n :		5,5 W
Dissipation loss per current pass without fuse I_g :		1,1 W

Mechanical data

Clamps:	antimagnetic	stainless steel terminal clamps
Screw:	Pozidriv	PZ2
Anzugsdrehmoment: M_n	Range	3Nm
Anschlussquerschnitt:		1,5 - 35mm ² 2-16 AWG
Anschlussklemme geeignet für:		a) 1 Leiter massiv, fein- oder mehrdrähtig 1,5 bis 35mm ² b) oben: Anschlussfahnen von Verdrahtungsschienen darunter: feindrähtig mit Aderenthülse ab 6mm ² mehrdrähtig 1,5 bis 35mm ² c) 2 Leiter feindrähtig mit Aderenthülse ab je 2 x 1,5mm ² bis je 2x16mm ²
Schutzart: (im Bedienbereich mit eingesetzten Sicherungssteckern)		IP20C
Temperaturbereich IEC 60947-3:	Umgebungsluft 24h Durchschnitt Lagerung	-25 bis +40°C ≤ +35°C -25 bis +60°C
Grenzüber Temperatur nach IEC 60947-3:	Klemmen Unten Klemmen Oben Bedienelement Teile, die berührt, aber nicht in die Hand genommen werden Teile, die im Normalbetrieb nicht berührt werden	≤ +70°K ≤ +70°K ≤ +25°K ≤ +40°K ≤ +50°K
Fire classification:	UL 94	V0
Glow wire:		960°C (Insulating material parts that fix current-carrying parts in position)
Degree of pollution:		3
Plastic:		free of halogen, phosphor and silicone

Fitting:



Toolless on top hat rail 35mm according to IEC/EN 60715[mm]

Auxiliary switch for switch position

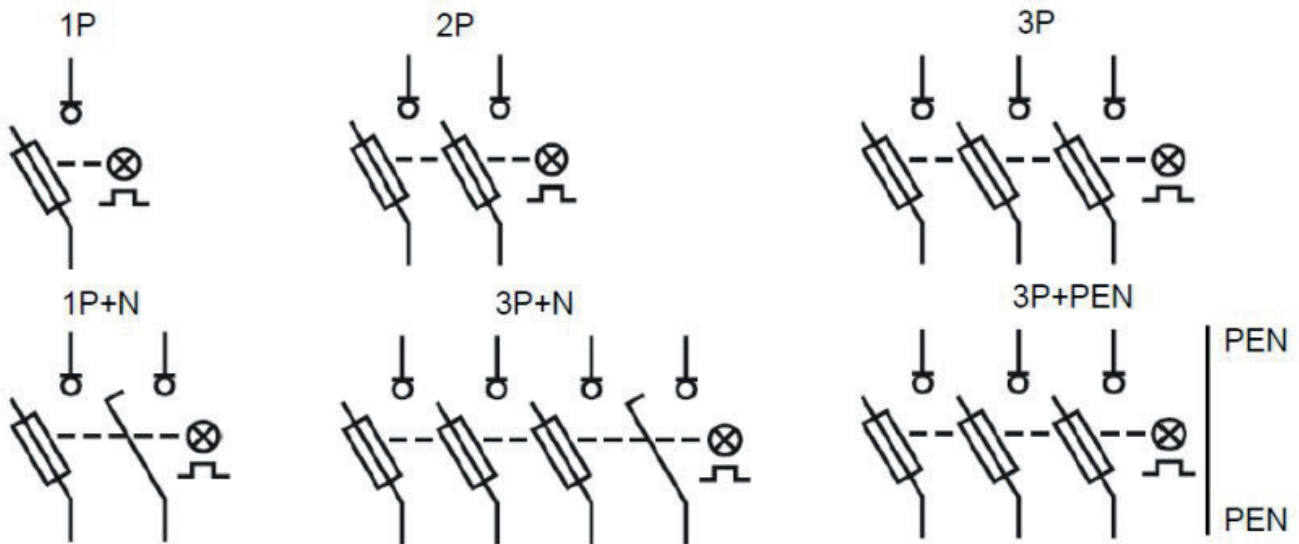
Breaking capacity:	5A 250V AC
Switching function:	changeover contact
Number of changeover contacts:	2

Symbol: IEC 60947-3

Fuse switch disconnecter double break



Circuit diagrams

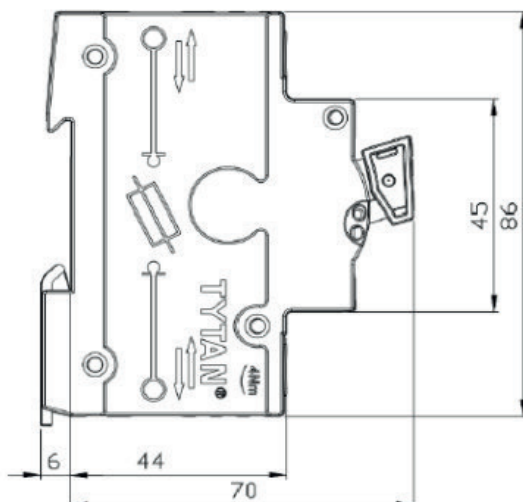
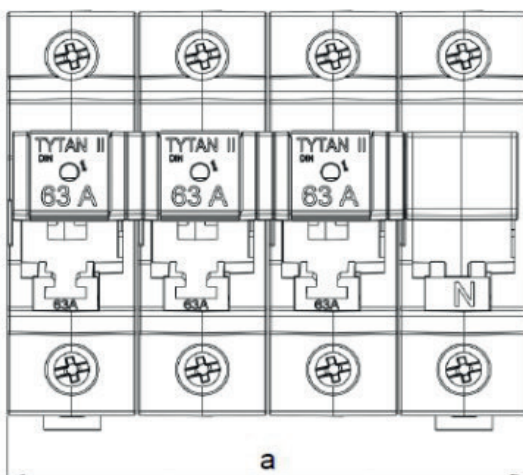


Dimensions

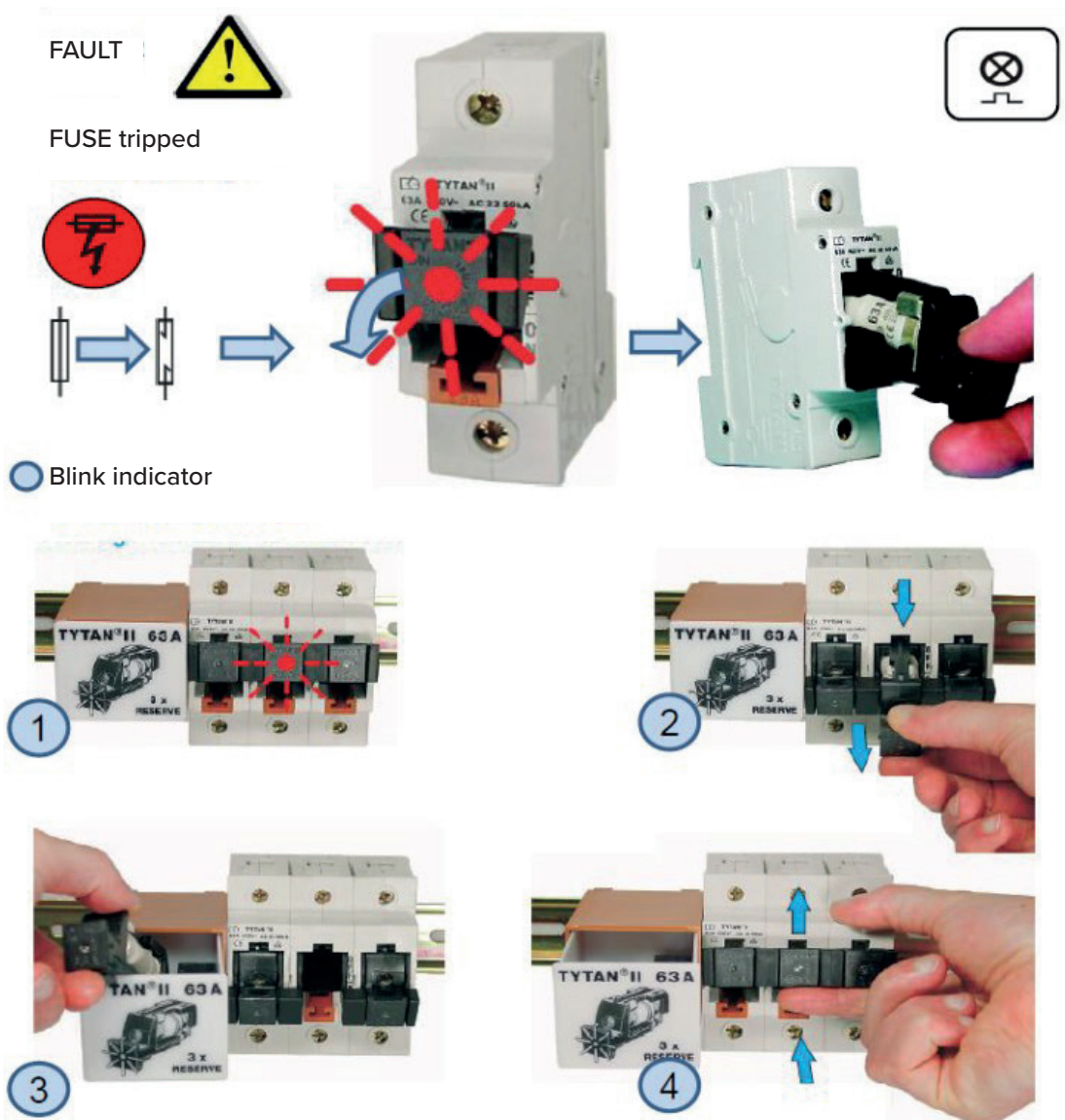
102651
102652
102653
102641
102643
102851
102852
102853
102841
102843

B(a) x H x T

27 x 85 x 70 mm
54 x 85 x 70 mm
81 x 85 x 70 mm
54 x 85 x 70 mm
108 x 85 x 70 mm
54 x 85 x 70 mm
81 x 85 x 70 mm
108 x 85 x 70 mm
81 x 85 x 70 mm
135 x 85 x 70 mm

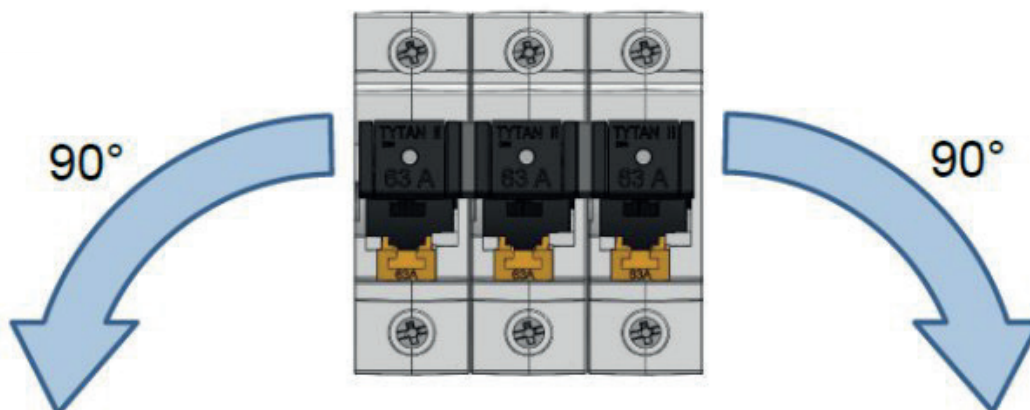


Visualisation

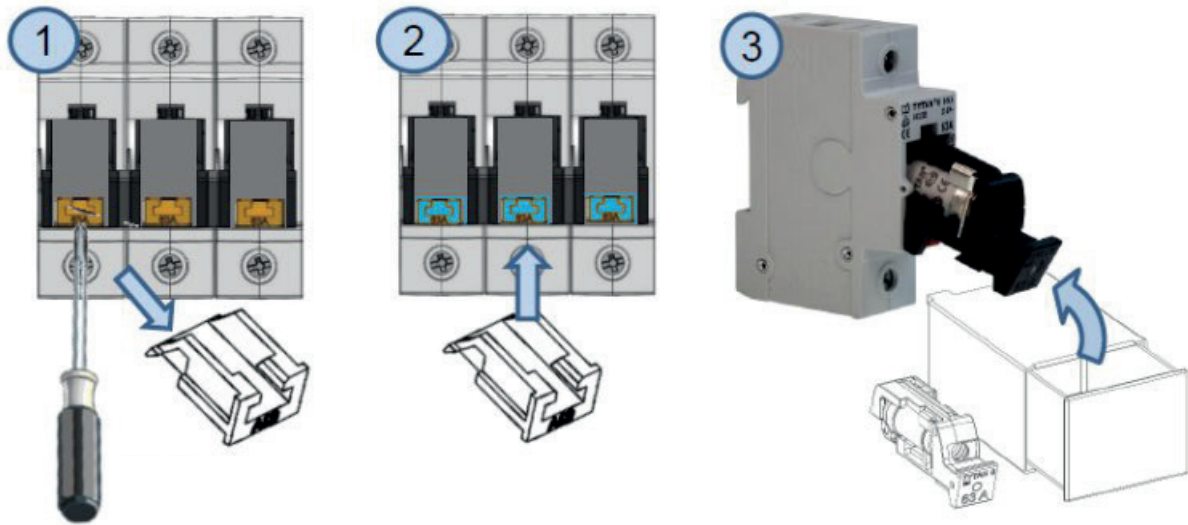


Installation position

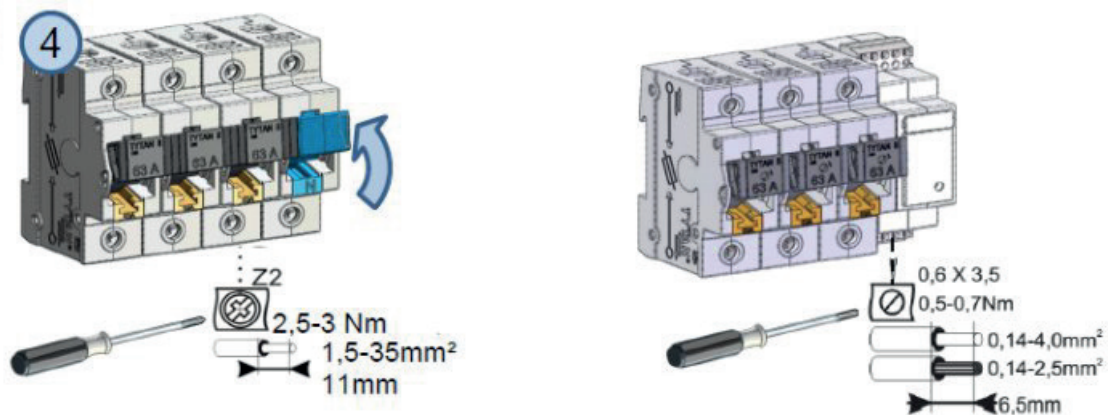
Observe the rated load factor RDF according to IEC/EN 61439-1!



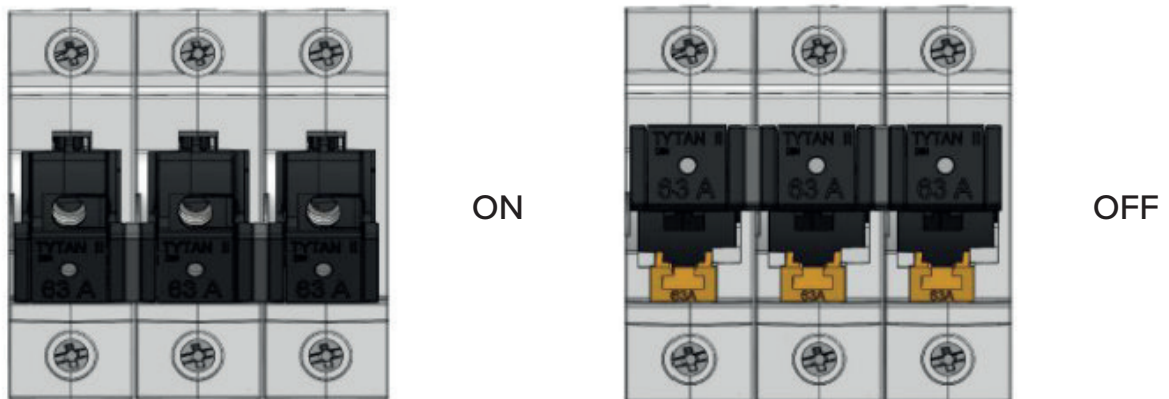
Removing the coding plug/ Inserting the fuse



Connect conductor



ON/ OFF



Fittings

Reserve click box:

For assembling TYTAN® II switch-disconnectors for AC and DC applications.

kg/SET = 0,13

1 Set = 3 x fuse plugs incl. fuse link and 3x coding inserts



Item

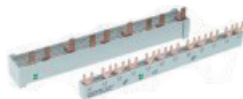
1 Set 1A
1 Set 2A
1 Set 4A
1 Set 6A
1 Set 10A
1 Set 13A
1 Set 16A
1 Set 20A
1 Set 25A
1 Set 32A
1 Set 35A
1 Set 40A
1 Set 50A
1 Set 63A

50-250V DC 50-400V AC Item No.

102601
102602
102604
102606
102610
102613
102616
102620
102625
102632
102635
102640
102650
102663

24-250V DC Item No.

102401
102402
102404
102406
102410
102413
102416
102420
102425
102432
102435
102440
102450
102463



Corresponding bus bar connectors available



Double clamp for further grinding

3 phase

cross section
2 x 35 mm²

unit
4

Item No.
102013



Short circuit plug

1 Set = 3 pieces

print: „Blindstöpsel“
print: Lightning flash (white)
print: „Trennmesser“

kg/ pc
0,20
0,20
0,20

Item No.
102300-1
102300-2
102300-3

Re-switch lock in a click box for DIN-rail unit = 1 piece



Item

Padlock 5A5
Padlock 5A4
Padlock 5A3
Padlock 5A1
Padlock 5A2

Colour
black
blue
green
yellow
red

kg/ pc
0,09
0,09
0,09
0,09
0,09

Item No.
102007-1
102007-2
102007-3
102007-4
102007-5

Plastic lock
Plastic lock
Plastic lock
Plastic lock
Plastic lock

black
blue
green
yellow
red

0,06
0,06
0,06
0,06
0,06

102008-1
102008-2
102008-3
102008-4
102008-5