

# TYTAN<sup>®</sup> T

Safety-  
switch-disconnector-fuse

with thermal control  
against dangerous overheating



## Technical Data

Classification

Regulation

suitable for D0-fuses DIN 49522

suitable for special fuses

suitable for cylindrical fuses IEC EN 60269-2-1

suitable for gauge pieces DIN 49523

Poles

Insulating parts

Fire classification / creep resistance

Protection / Contact voltage protection

Ambient air temperature for storage min / max

Rated operation voltage  $U_e$

Rated operation current  $I_e$

Rated constant current  $I_u$

Rated short circuit making capacity  $I_{cm}$

Switching category

Overvoltage category

Pollution degree

Rated surge capacity  $U_{imp}$

Connection technique

Torque  $M_D$

Switch-disconnector-fuse

DIN EN 60947-3, IEC 947-3

D01: 2, 4, 6, 10, 13, 16A with switch reduction spring

D02: 20, 25, 32, 35, 40, 50, 63A

D0 - special fuses 440V~

10x38mm: 2 ... 32A with switch reduction spring

D02: 2, 4, 6, 10, 16, 20, 25, 35, 50A

3-pole, 3-pole+N

free of halogen, phosphorus and silicone

UL94/V0, filament test 960°C / CTI600

IP20/40; finger- and backhand protection

-25°C / 60°C

400V~; 440V~ only for use with special fuses

63A

63A

50kA<sub>eff</sub>

AC 22B

IV (DIN VDE 0110)

3 (DIN VDE 0110)

6000V

Stainless steel terminal cage clamp 1,5...25mm<sup>2</sup>

3,5Nm

## Special performances

thermal switch

flashing indicator

independant manual operation

fuse switch

compact form, only 4 TE

AC: 1,5A, 250V, cos $\Phi$  0,6 ; DC 1,2A, 48V

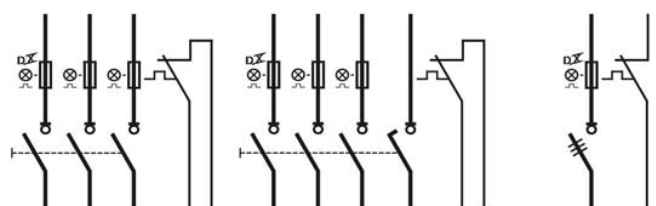
indicates fuse cut-off

activated

finger protection against burns

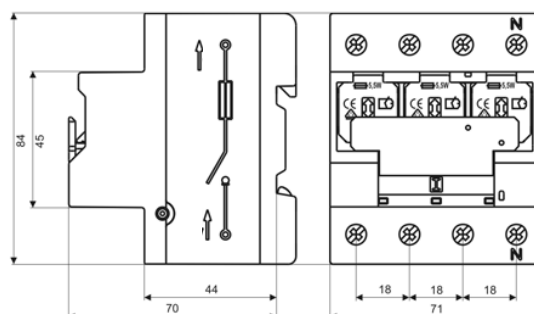
RCD compatible, fits standard distribution panels

## Wiring diagram



all pole

one pole



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### Thermal control VDE 1000 / DIN 31000

The thermal control auxiliary switch is activated by dangerous overheating.

### Flashing indicator

The optical electronic fuse disconnection indicator enables local, reliable fault identification and immediate reconnection.



### independant manual exertion DIN VDE 0105

When activated, the all pole disconnection ensures personnel and plant safety.

### Fuse switch EN 50110-1

Plug in technique without screw caps and hand independent permanent contact pressure

- plant safety
- energy economy

The interchangeable fuse switch is an optimal finger protection against burns.

**A fuse can be >100°C hot when being replaced!**

### Compact form DIN 43880

With only 4 separate sections fits standard distribution panels, 1 apparatus more per section, compatible to RCD - switches.

