

TYTAN[®] T

with thermal control
against dangerous overheating

Safety-
switch-disconnector-fuse



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_{eff}

AC 22B

IV (DIN VDE 0110)

3 (DIN VDE 0110)

6000V

Stainless steel terminal cage clamp 1,5...25mm²

3Nm

Special performances

thermal switch

flashing indicator

independant manual operation

fuse switch

compact form, only 4 TE

AC: 1,5A, 250V, cos Φ 0,6 ; DC 1,2A, 48V

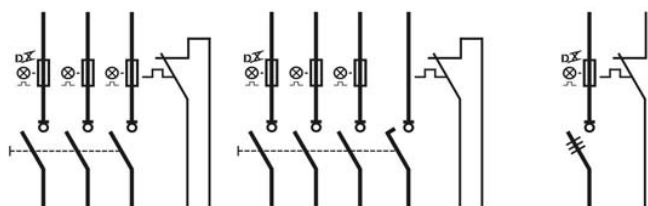
indicates fuse cut-off

activated

finger protection against burns

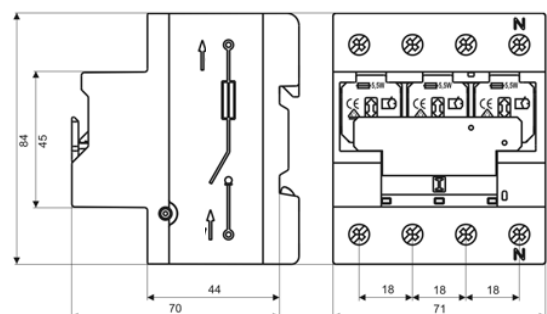
RCD compatible, fits standard distribution panels

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

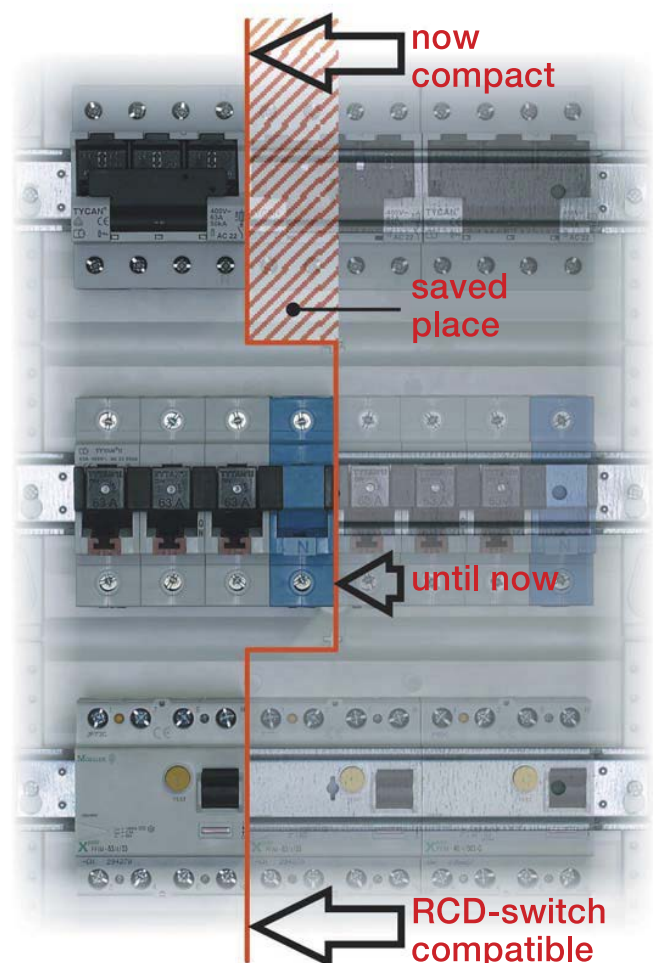
- plant safety
- energy economy

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

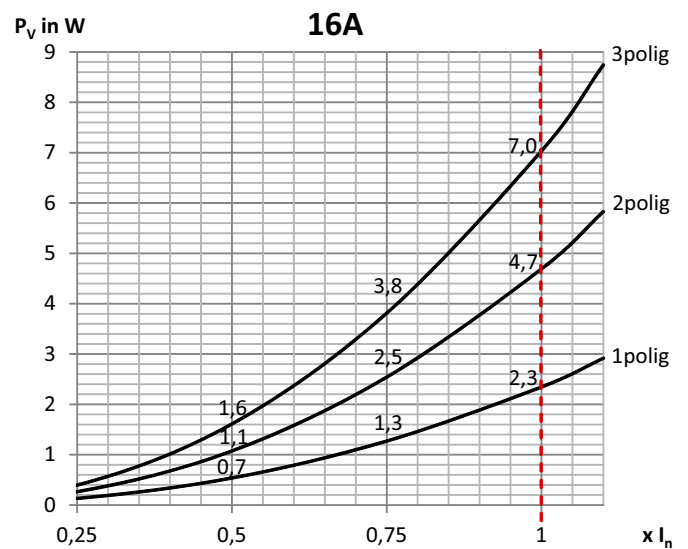
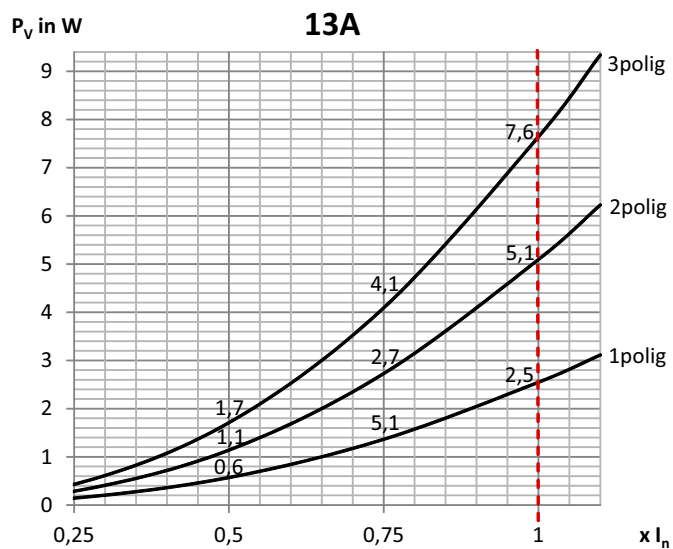
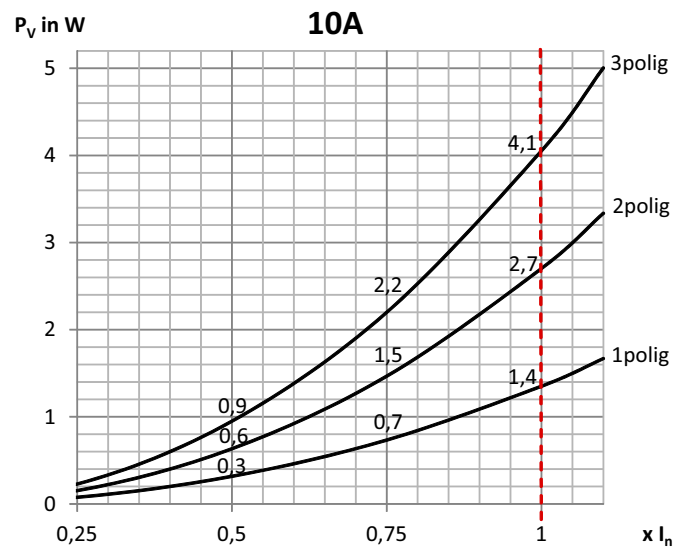
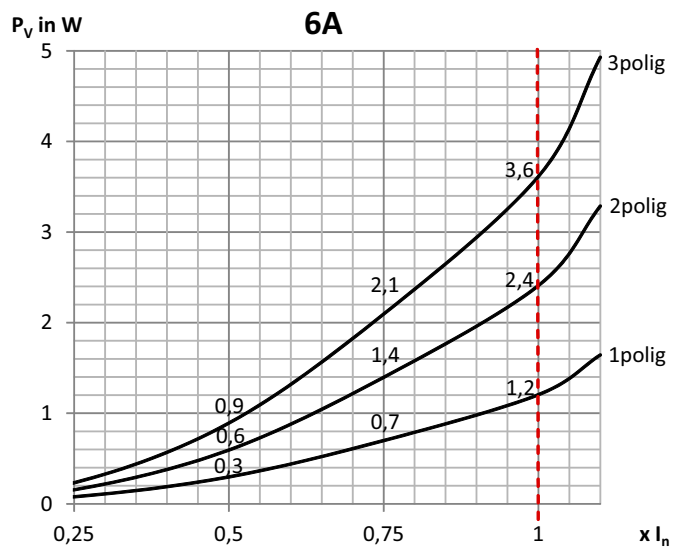
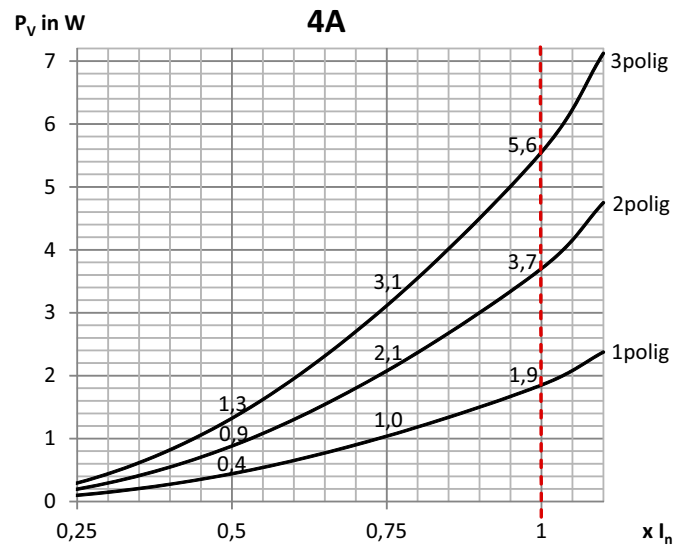
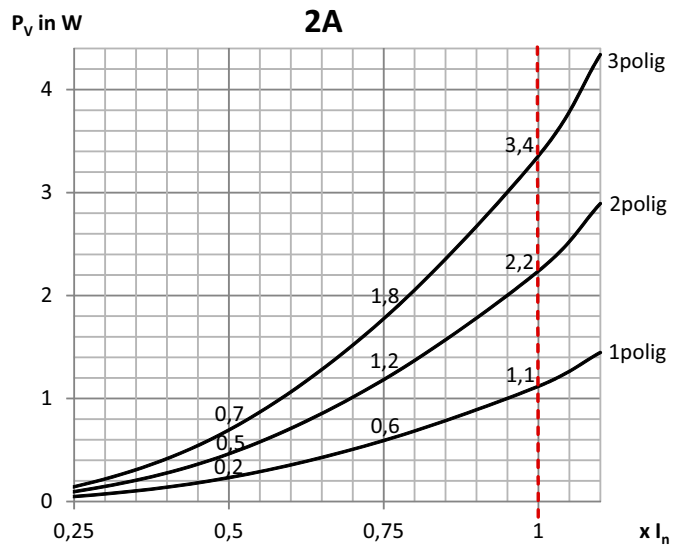
A fuse can be >100°C hot when being replaced!

Compact form DIN 43880

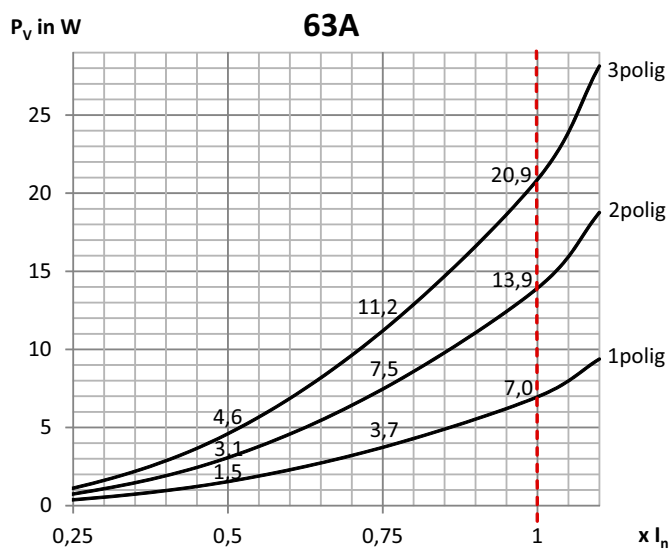
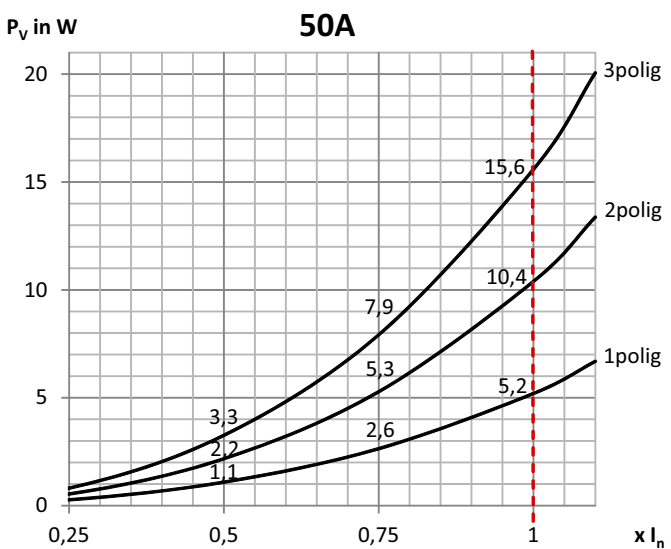
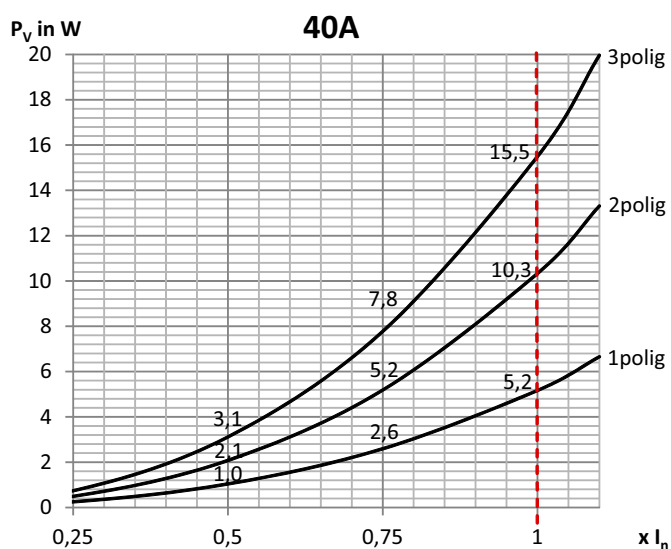
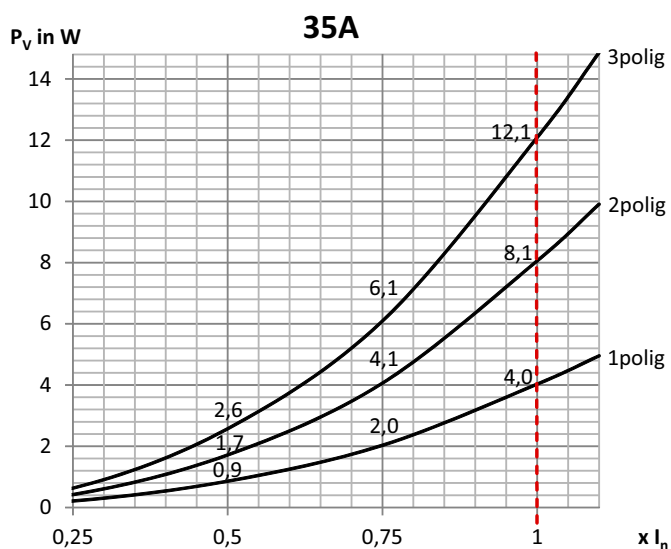
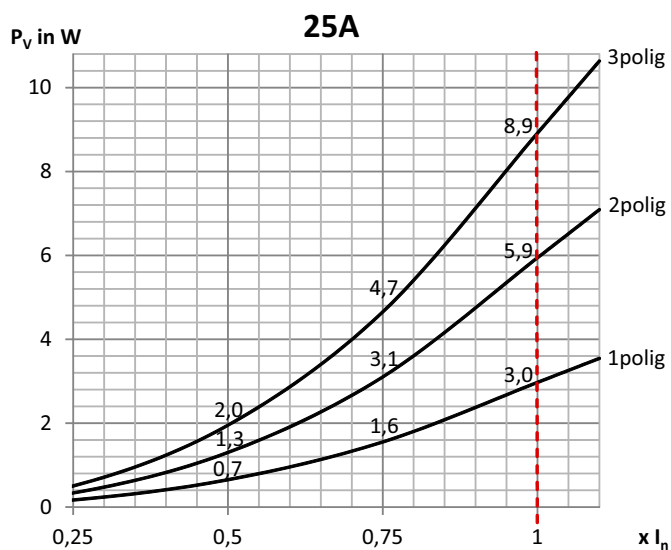
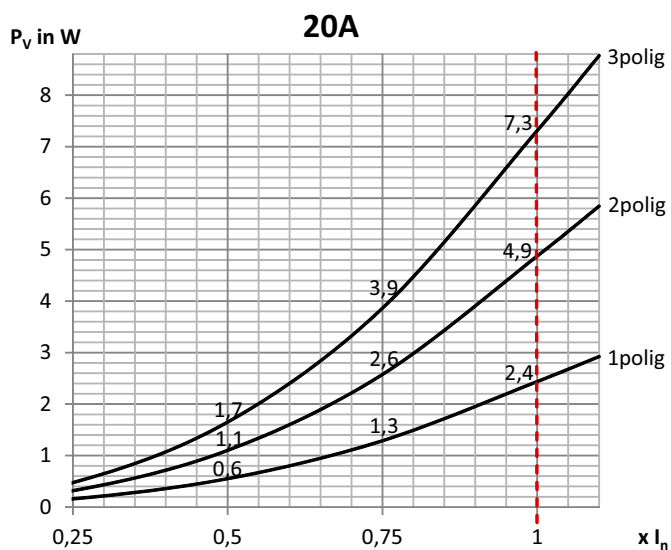
With only 4 separate sections fits standard distribution panels, 1 apparatus more per section, compatible to RCD - switches.



Using D0I-fuses (2-16A)



Using D02-fuses (20-63A)



Using D02-fuses (32A and N-Poles)

