

# TYTAN® II



*High  
Safety*

## D02 - Fuse-switch-disconnector

Reliable with flashing indicator  
Plug-in technique without screw caps  
Full coding with adapter for each current level

für: D0 - Fuse links from 2...63A DIN 49522

400V~, AC22B, 63A, 50kA, Terminal, branch terminal,  
lockable, sealable, feed in from both sides.

### Technical Data

#### General

Classification

Regulation

Fuse-switch-disconnector

DIN VDE 0660 part 107, EN 60947, IEC 60947-3

DIN VDE 0636 part 41, IEC 60269-3

DIN VDE 0638, DIN VDE 43880

single, double or triple pole and with switchable neutral  
plug-in technique without screw cap, contact pressure incl.

D01: 2, 4, 6, 10 and 16; D02: 20, 25, 35, 50 and 63

Poles

Handling

Suitable for fuses gL, gG, aM

Ambient air temperature

-Storage min/max

-Operation min/max

-25°C/+100°C

-25°C/+60°C

Insulating parts

Fire classification / creep resistance

synthetic material free of halogen, phosphorus and silicone

Protection / contact-voltage protection

UL94/V0, filament test 960°C/CTI 600

IP 20/finger and backhand protection

#### Power bars

Rated operation voltage  $U_e$

-AC

-DC

400V

single pole up to 110V, double pole up to 220V

Rated operation current  $I_e$

63A

Rated constant current  $I_u$

63A

Overvoltage category / Pollution degree

IV/3 (DIN VDE 0110)

Rated surge capacity  $U_{imp}$

6000V

Rated special voltage AC

440V, only for use with 440V fuse links

max. Heating at  $I_e$  and room temperature

Handling with fuse plugs ca.30°C

#### Connection technique

Stainless steel terminal cage without galvanic surface

Terminal - Branch terminal suitable for

a) 1 solid conductor, fine or multiple wires 1,5mm<sup>2</sup> ... 35mm<sup>2</sup>

b) above: terminal lugs of wiring bars

under: fine wires with wire end ferrule 6mm<sup>2</sup>

c) 2 solid conductor fine wires with wire end ferrule

from each 2 X 1,5mm<sup>2</sup> ... each 2 X 16mm<sup>2</sup>

3Nm

Torque  $M_D$  M6 Pozidriv

#### Switching capacity

Rated short circuit making capacity  $I_{cm}$

50kA<sub>eff</sub>

Switching categorie

AC 22B

DC 21B

#### Special performances

lockable

by customary padlock

sealable

Fault signal

reliable, by optoelectronic flashing indicator

Feed in

both sides

Quick mountig device

top hat rail DIN EN 50022

Box of spare fuses

Above mentioned recommended prices are without the current VAT.  
Values, Weights and measurements are subject to change.

**Free of halogen, phosphorus and silicone - recyclable**

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## Full Coding

### Non interchangeable rated current with full coding

The TYTAN system codes throughout all amperages, even through the levels 13, 32 and 40A.



New



e.g.: 13A for 1,5mm<sup>2</sup>

New



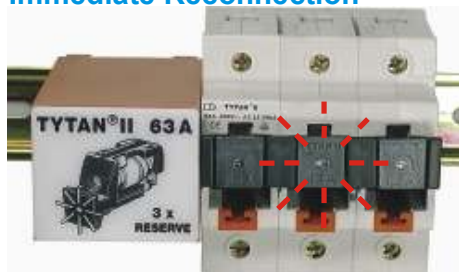
e.g.: 32A for CEE-Plugs

New

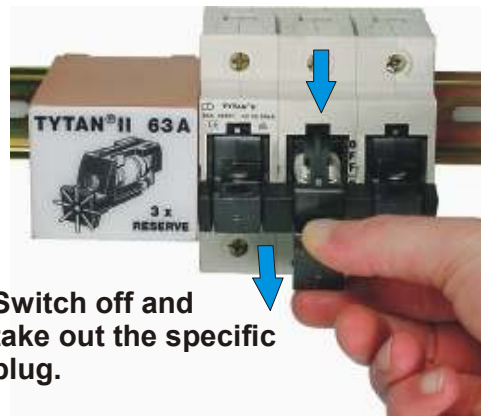


e.g.: 40A for FI-Switches

## Immediate Reconnection



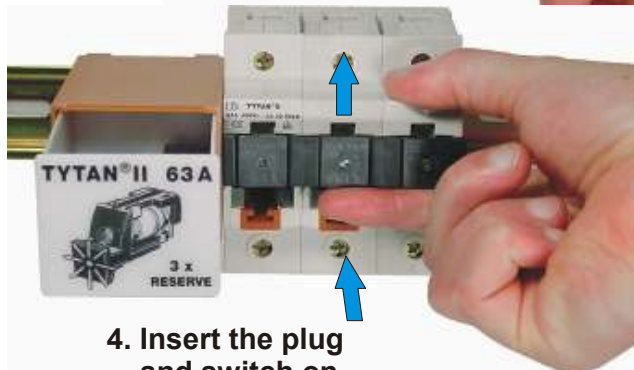
1. It flashes - the fuse is off.



2. Switch off and take out the specific plug.



3. Open the spare box and take out a new fuse link.



4. Insert the plug and switch on.

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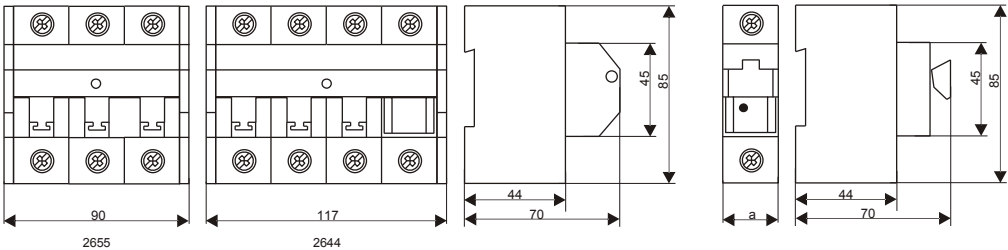


OFF

Lockable



ON



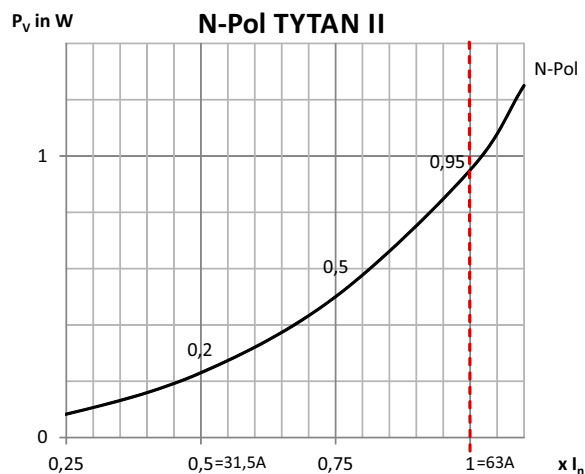
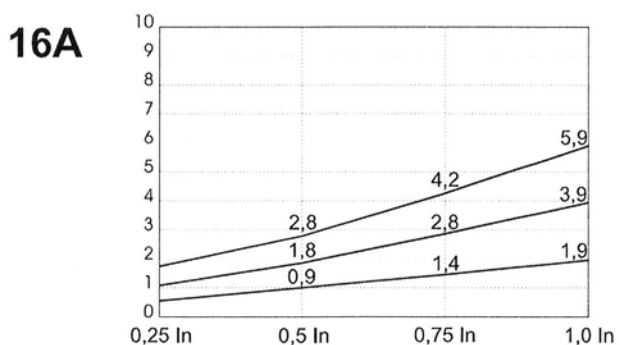
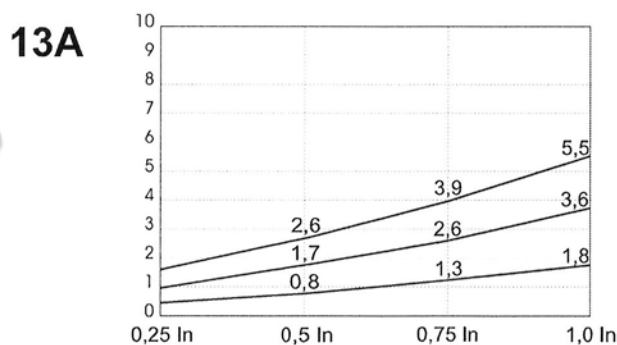
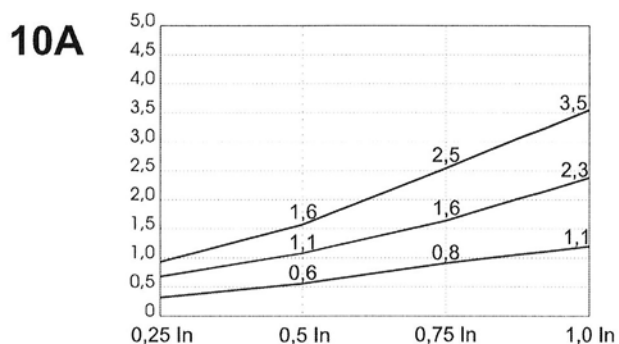
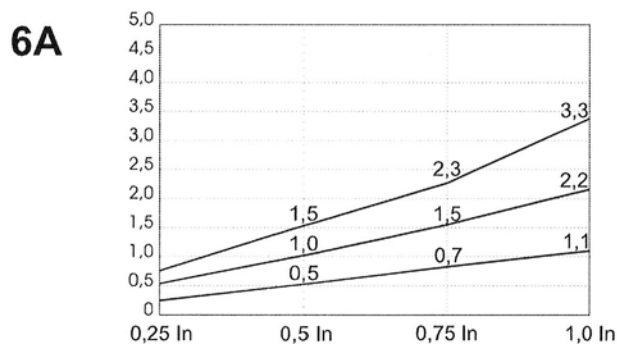
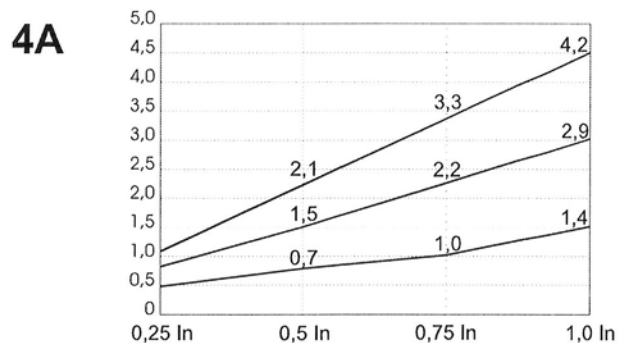
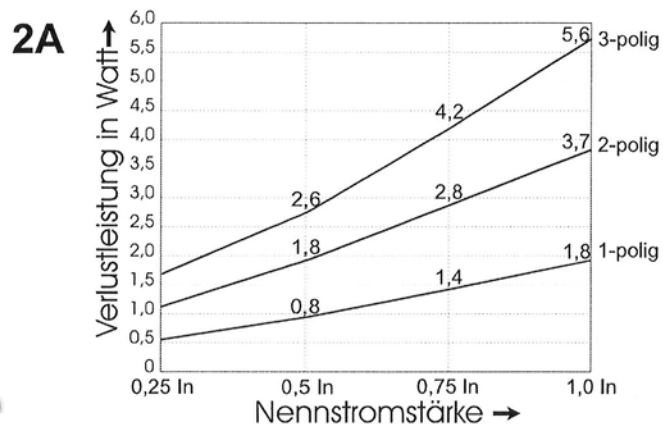
| Item | Width in mm |
|------|-------------|
| 2681 | 54          |
| 2682 | 81          |
| 2683 | 108         |
| 2684 | 54          |
| 2685 | 108         |
| 2686 | 27          |

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## TYTAN II - Stromwärmeverluste

bei Einsatz handelsüblicher D01 - Sicherungseinsätze ( 2 - 16 Ampere ) - Markenfabrikate  
Stand 2005



## TYTAN II - Stromwärmeverluste

bei Einsatz handelsüblicher D02 - Sicherungseinsätze ( 20 - 63 Ampere ) - Markenfabrikate  
Stand 2005

