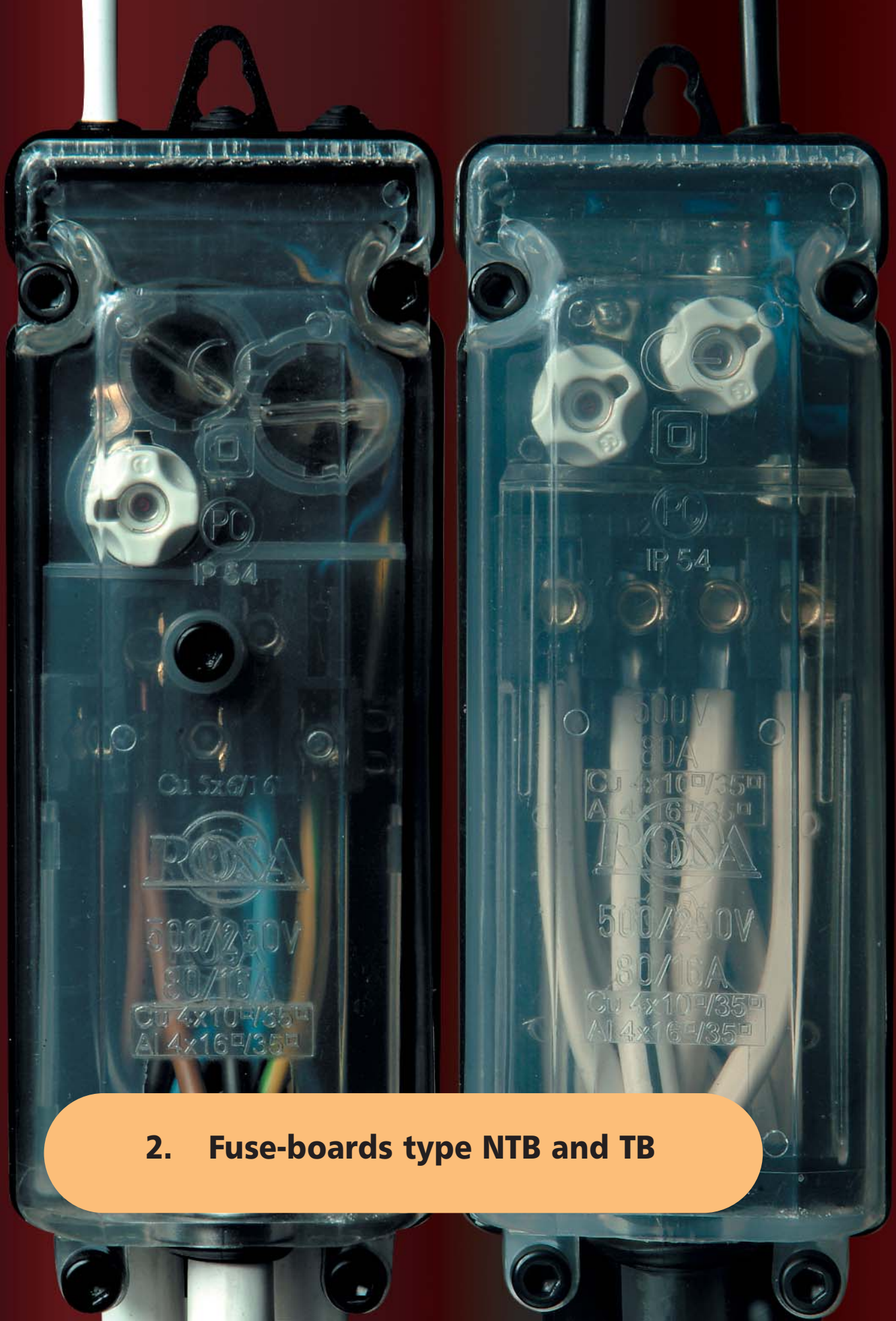


2. Fuse-boards type NTB and TB

2.0 Fuse-boards type TB and NTB

Fuse-boards are designed to connect supplying wires in lighting posts and electrical protection for fittings assembled on them.
Our offer present fuse-boards type TB for wires with section from 4x6 mm^2 to 4x35 mm^2 Al with maximum of two fuses and fuse-boards type NTB for wires with section from 5x6mm^2 to 5x16 mm^2 Cu with maximum of three fuses. It is possible to connect three electrical wires to fuse-boards which makes them more competitive. Applied technology allows easy and fast assembling of wires.
Small size fuses are used to protect electric circuit.
Fuse-boards can be installed in all types of posts with internal diameter of at least 95 mm.

2.1 Fuse-boards type TB

Fuse-boards type TB-1, TB-2

- insulation class II
- degree of protection IP 54
- supplying wires: 4x6÷35 mm^2 AL. (max. of 3 wires)
- rated current: 80A
- rated voltage: 500 V
- fuse-link max. 16A
- overall dimensions of casing: 267x90x75

Fuse-boards are produced in two versions:
TB-1 – with one fuse Wt 400 V,2-16 A, E-14
TB-2 – with two fuses Wt 400 V,2-16 A, E-14

Structure

Fuse-boards are equipped with an integrated terminal strip made of PBT – polyethylene butylene – a plastic with a high insulation class and mechanical endurance. The design of terminal strip (accessible from the top) facilitates connecting wires.
Cover of the fuse-board and cover of clips and wires are made of transparent polycarbonate.
Base of fuse-board is made of polycarbonate reinforced by fiberglass.
Holes for output wires are protected by seals.
The fuse-board is fixed in the niche to aluminium rail in back wall of the post by two screws M6.

Fuse-boards type TB-2

2.2 Fuse-boards type NTB

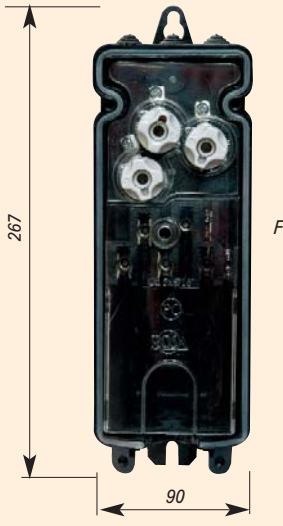
Fuse-boards type NTB-1, NTB-2, NTB-3

- insulation class II
- degree of protection IP 54
- supplying wires: 5x6÷16 mm2 Cu (max. 3wires)
- rated current: 80A
- rated voltage: 500 V
- fuse-link max. 16A
- overall dimensions of casing: 267x90x75

Fuse-boards are produced in three versions:
NTB-1– with one fuse Wt 400 V, 2-16 A, E-14
NTB-2 – with two fuses Wt 400 V, 2-16 A, E-14
NTB-3 – with three fuses Wt 400 V, 2-16 A, E-14
In the fuse-board NTB-1 where one fuse socket is assembled to phase L1 it is possible to change to phase L2 or L3 by screwing out two bolds. It lets right diriding individual phases.
In the fuse-board NTB-2 where two sockets are assembled to phase L1 and L2 it is also possible to change the fuse sockets from phase L1 or L2 into phase L3.
In the phase fuse-board NTB-3 fuse sockets are assembled in all three phases L1, L2 and L3.

Structure

Fuse-boards types NTB-1, NTB-2, NTB-3 are equipped with an integrated terminal strip made of PBT – polyethylene butylene – a plastic with high insulation class and mechanical endurance. The design of terminal strip (accessible from the top) facilitates connecting wires.
Cover of the fuse-board and cover of clips and wires are made of transparent polycarbonate.
Base of fuse-board is made of polycarbonate reinforced by fiberglass.
Holes for output wires are protected by seals.
NTB fuse-board is mounted in post's niche the same way as fuse-board TB.



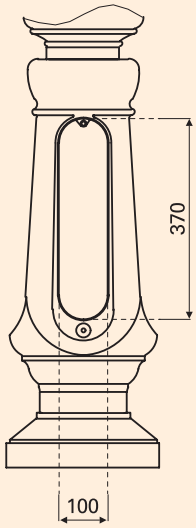
Fuse-board type NTB-3

possibility to change fuse socket in fuse-board NTB-1

2.3 NICHE FOR FUSE-BOARD IN POSTS TYPES "S", "SP" AND "SM"

Posts marked letter "W" are equipped by niche which contains element no 1 in posts type "S", "SM" and "SP".
Niche is designed to install a fuse-board which is mounted on aluminium rail on back wall of post's construction. Grip which fixes a rail can be used as a ground grip.
Niche in post is protected by decorative cover made of plastic in the same colour and surface as its post.

NICHE FOR FUSE-BOARD IN POSTS TYPE "S" AND "SM"



NICHE FOR FUSE-BOARD IN POSTS TYPE "SP"