

SWITCHING ROD UP TO 38.5 kV

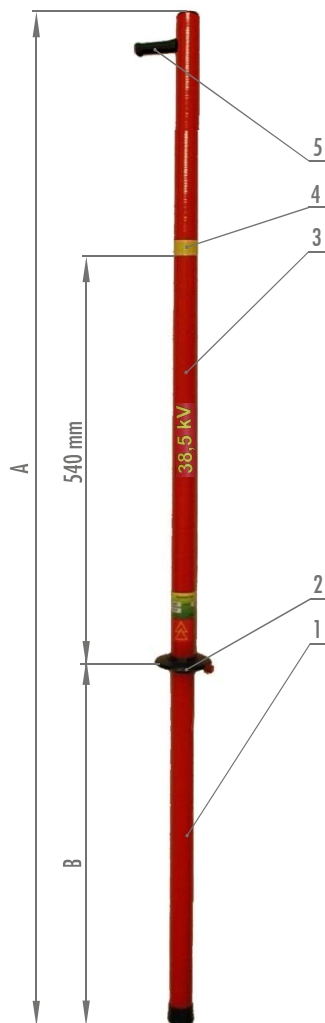
Models
860.040

861.040 - L2 (L4)

TYPE 860.040 TYPE 861.040

General Information

Switching rods are designed for switch off-points, switch over-points and earthing points at distribution transformer stations at maximum voltage up to 38.5 kV. They consist of terminal case with the switch off-point (plastic), insulating part, handle guard and handle. Insulating rod is made of glass-fabric laminate which is suitable for its high electrical and mechanical resistance and stability. It fulfills the requirements on the protection equipment for outdoor use. Manipulating rods are determined for indoor use, as well as for outdoor use under normal climatic conditions. The handle is provided with the protective ring (hand guard). Manipulating rod complies with standards ČSN 35 9701, DIN 57681, IEC 832. Type 861.040 is delivered in two models with various length of rod (L2, L4). Insulating part of 861.040-L4 is connected by means of connecting element.



- 1 - handle
- 2 - hand guard
- 3 - insulating part
- 4 - limit mark
- 5 - switch off-point



Connecting element
for connecting insulating
rods for 861.040-L4

Technical Data

Typ	860.040	861.040 - L2	861.040 - L4
Climatic group	normal - 25°C to 55°C	normal - 25°C to 55°C	normal - 25°C to 55°C
Length of pole A	1000 mm	2000 mm	4000 mm
Length of handle B	300 mm	500 mm	1200 mm
Pole diameter	31 mm	31 mm	39 mm
Pole material	glass-fabric laminate for outdoor use	glass-fabric laminate for outdoor use	glass-fabric laminate for outdoor use
The highest voltage	38.5 kV	38.5 kV	38.5 kV
Test voltage	75 kV	75 kV	75 kV
Mechanical firmness	500 N/1min	500 N/1min	500 N/1min
Weight of equipment	0.5 kg	0.7 kg	1.6 kg

The producer reserves the right to modify this item!

**SWITCHING
ROD**
UP TO 38.5 kV
60.040
61.040
8
TYPE
TYPE

1.0
2.0
3.0
4.0
5.0

Directions for use

The switching rod serves for switch off-points, switch over-points and earthing points at distribution transformer stations. Their control is executed by operating pin on the head of rod. The rod must be held by the handle which is determined by the rubber ring (hand guard). There is limit mark on the insulating part of rod and the bottom plug. The limit mark determines the border for insertion of the rod to electrically active part. It is necessary to perform the visual check of rod's status before using.

The switching rod should only be used on electrical facilities with nominal voltage for which it is designed.

The instructions for use should be incorporated into the local operating and safety regulations.

The rod may only be used by qualified personnel.

Maintenance and storage

The rod must be kept in condition, it must not be mechanically damaged. Its surface must be clean and dry. During the storage the rod must not get damp. The visual check is necessary before using. The inspection must be executed at least once per year. For common cleaning of rods use damp cloth, for more resistance dirt use technical alcohol. Do not use any organic solvents or any substances which may have a decolorizing effect.

Testing

The set is type-tested according to valid standards by the authorised laboratory. Each set is separately tested piece by piece before expedition and labeled too. The label includes the test date (quarter/year) and the number of the authorised laboratory. The switching rod must be periodically tested in accordance with standards.

Packing

The switching rods are foil wrapped. There is enclosed the function description and the directions for use, the Certificate about quality and completeness of product and product test.

Guarantee

The guarantee period is 24 months long and starts on the day the product is delivered to the customer. It applies to any defects probably caused by the manufacture. The guarantee does not cover any defects resulting from improper use, unprofessional handling, or unsuitable storing.

