

DISCHARGING TOOL

Type 401 035, 401 110

User manual

General description:

The tool is designed for discharging residual charges on electrical circuits (HDO transmitters, electrostatic precipitators, etc.) when disconnected from power sources.

The rod of the discharging tool is made of electrical insulating material and terminated with a head with a hook, to which a discharge cable with an earthing clamp is attached (variant A; B). The lower part of the rod is equipped with a handle (type 401035) or a protective collar and plug (type 401110), which define the part for gripping the rod during handling.

The discharging tool is type-tested and complies with ČSN EN 61230 and PNE 359705.

Important warning:

1. The discharging tool must be used in accordance with PNE 330000-6, ČSN EN 50110-1 and other local operating regulations in their valid version.
2. When working with the discharging tool, it is necessary to use the prescribed personal protective equipment.
3. Climatic class of the discharging tool: normal -25°C to +55°C
4. The discharging tool is designed for indoor and outdoor use under normal climatic conditions, i.e., without rain, fog, and snowfall.

Directions for use:

Only tools marked with a valid inspection label confirming that the product has undergone a routine test may be used. The discharging tool must be visually inspected before use; it must be clean, dry and must not be mechanically damaged. Before using the discharging tool, it is necessary to ensure that the

relevant circuit is disconnected from the source. At the place of use, first connect the earthing clamp of the discharge cable to the designated place, which must be free of dirt or corrosion. After connecting the earthing clamp, grasp the insulating rod and perform the discharge by touching or hanging the contact head on the device being discharged.

Maintenance instructions:

The discharging tool must be kept in good technical condition. Before each use, it is necessary to perform a visual inspection and at least once a year a thorough inspection including cleaning. The operator is obliged to submit the discharging tool for periodic tests at the prescribed intervals according to PNE 381981.

Testing:

Testing is performed according to ČSN EN 61230, PNE 359700 and PNE 359705. Each discharging tool undergoes a routine test at the manufacturing plant. The date of the test and the number of the authorized testing laboratory are marked on the label.

Packing:

The discharging tool is delivered without a case. A user manual and a warranty certificate are included with each product.

Storage:

The product must be stored in dry areas without the possibility of mechanical damage.

Warranty:

The product is provided with a warranty for the period specified in the warranty certificate. The warranty covers defects demonstrably caused by the manufacturer. The warranty does not cover defects caused by unprofessional handling and improper storage.



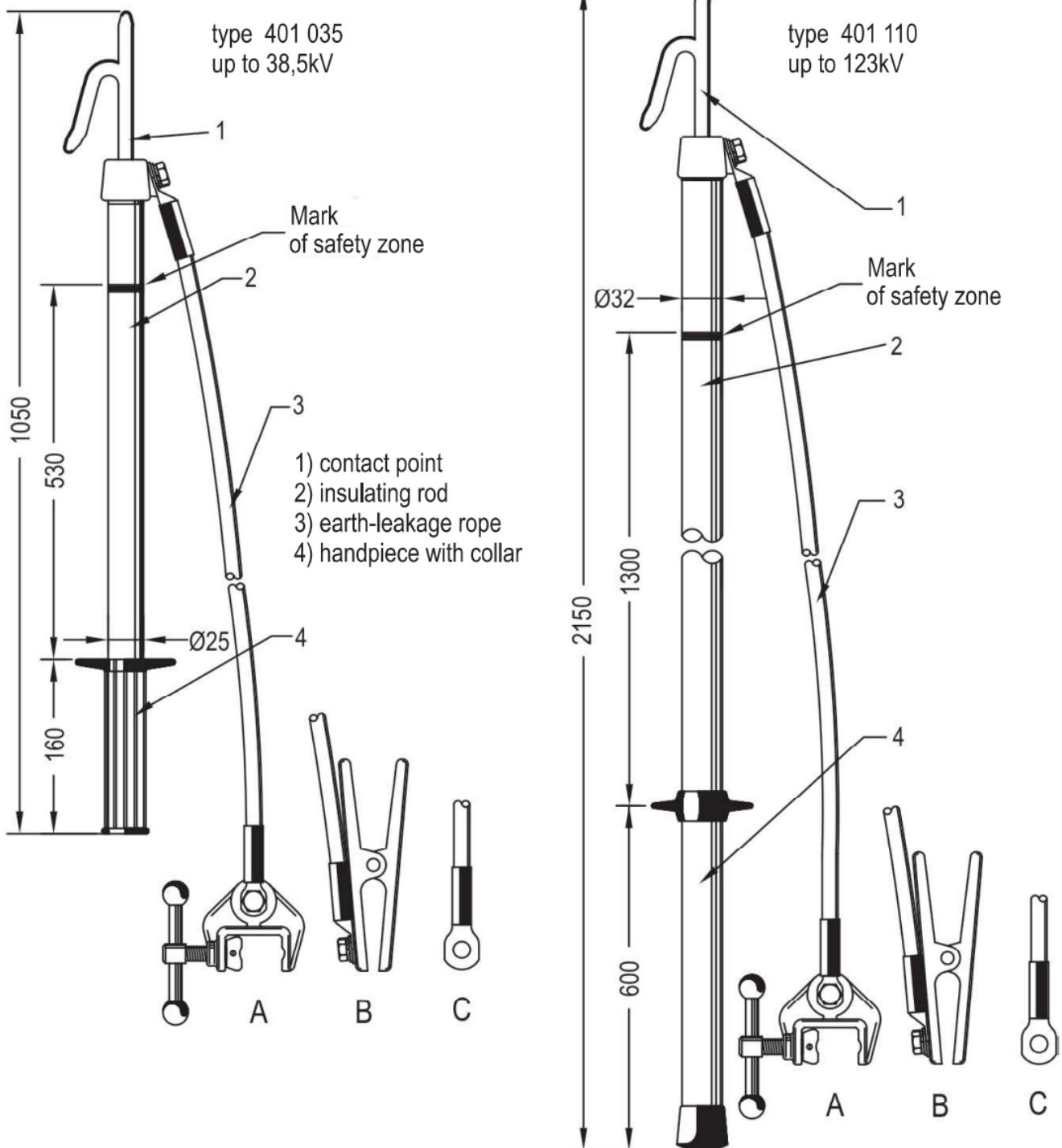


DICHARGING TOOL

type 401 035

type 401 110

It is used for discharging of residual charges in electric circuit, (transmitters HDO, electrostatic precipitators, etc.) while they are disconnected from power supply.



SPECIFICATION

Attachable to:		Design	A	B	C
A - screw clamp	Ø5-20 mm				
	≠5-30 mm	Rope's cross-section	25 mm ²	25 mm ²	25 mm ²
B - spring clamp	≠2-25 mm	Rope's length	3 000 mm	3 000 mm	3 000 mm
C - cable lug	stand-by connection to bolt M10	Set's weight			
	PNE 359700	type 401 035	2,8 kg	1,6 kg	1,3 kg
- produced in accordance with	ČSN 359703	type 401 123	3,3 kg	2,1 kg	1,8 kg

