## Specialised insulating sticks

SR EN 50508 SR EN 61235 CST

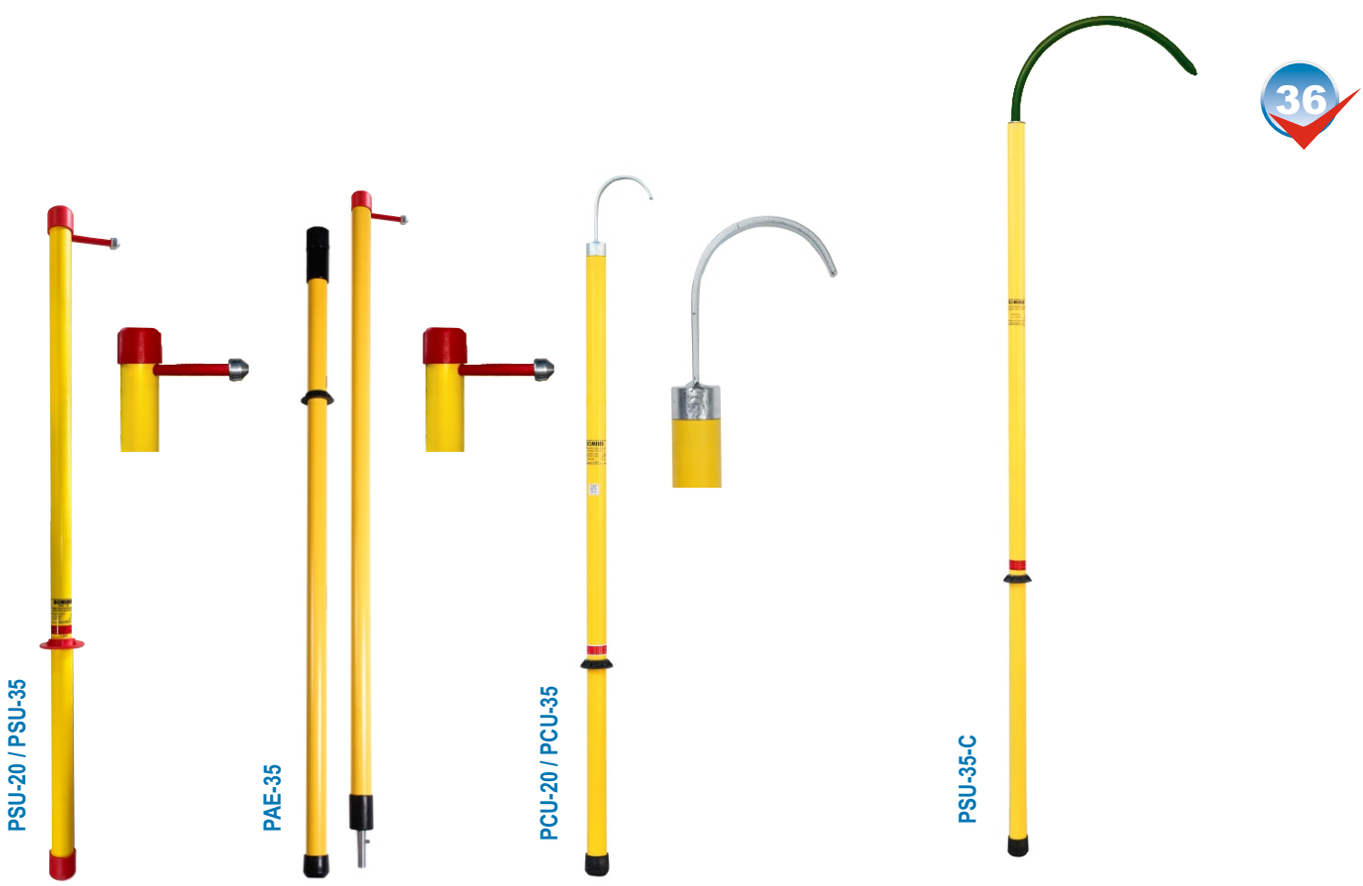
**Code: PSU-$U_n$/ PAE-$U_n$**
**PCU-$U_n$**
**PSU-35-C**

Specialised insulating sticks are protective equipment to be used in medium voltage power installations in dry weather conditions.
Specialised insulating sticks include insulating tubes made of fibre-reinforced plastic, with diameters ranging from 38 to 42 mm.

Insulating sticks PSU-$U_n$ și PAE-$U_n$ are recommended for the handling (closing and opening) of insulating knives or for the operation of electrical equipment provided with rings or hanging sockets. These types of sticks are provided with a metallic handling head to operate electrical equipment, with a diameter of 10 mm and a length of 42 mm.
The selection of the stick type is made depending on the height of the electrical equipment to be operated and the installation voltage rating

PCU insulating sticks are recommended for the handling of live cables. These types of sticks are provided with a hook-typenmetallic piece, with a **100-mm opening**.

The rescue insulating stick type PSU is specialised for the de-energisation of electrocuted (injured) people and for the removal of electrical conductors or of various live metallic elements and fallen on the electrocuted person or in the proximity thereof. The stick is used in medium voltage power installations, in dry weather conditions. This type of stick is provided with a hook-type metallic part, with a **380-mm opening**, where a special adapter is provided for the installation of the voltage detector. At request, the metallic part can be insulated.




| Insulating stick code | Operating voltage $U_n$ (kV) | Test voltage $U_{inc}$ (kV) | No. of sections | Total length $L_t$ (m) | Handle length $L_m$ (m) | Working length $L_u$ (m) | Transport length $L_{tr}$ (m) | Weight (kg) |
|---|---|---|---|---|---|---|---|---|
| PSU-20 | 20 | 60 | 1 | 1,23 | 0,41 | 0,82 | 1,23 | 1,2 |
| PSU-35 | 35 | 105 | 1 | 1,66 | 0,61 | 1,05 | 1,66 | 1,4 |
| PAE-35 | 35 | 105 | 2 | 3,07 | 0,90 | 2,17 | 1,60 | 2,7 |
| PCU-20 | 20 | 60 | 1 | 1,36 | 0,41 | 0,95 | 1,36 | 1,3 |
| PCU-35 | 35 | 105 | 1 | 1,80 | 0,61 | 1,19 | 1,80 | 1,5 |
| PSU-35-C | 35 | 105 | 1 | 1,91 | 0,61 | 1,30 | 1,91 | 2 |