

TECHNICAL DATASHEET

45 kV Insulating Rescue Stick

Description

The RCS45 insulating rescue stick is designed to help trained personnel withdraw a casualty from the vicinity of live electrical equipment while maintaining distance from the electrical hazard. It comprises an insulated pole, composite hook, protective handguard, and detachable threaded connection.

Key Features and Benefits

- **Insulated Pole:** Constructed from high-dielectric, non-conductive materials, providing electrical insulation rated up to 45 kV.
- **Insulated Hook Design:** The composite hook head is designed to securely catch and pull under the arms, legs, or around the torso of a person.
- **Lightweight & Durable:** Engineered for rapid deployment in emergency situations, with ergonomic grip.
- **Electrical Testing:** Passed leakage-current and bridging tests based on EN 50508:2009.

Application

Suitable for substations, switchrooms, industrial electrical installations, and electric and hybrid vehicle workshops. Use only in accordance with approved emergency procedures and the product instructions.

Technical Specifications & Dimensions

Nominal voltage: 45 kV AC
 Leakage-current test: 62.4 kV AC for 1 minute - passed
 Bridging test: Passed
 Test method: Based on EN 50508:2009, Sections 5.2.2 and 5.2.3
 Pole material: Glass-fibre composite
 Pole type: Fixed, round tube
 Pole diameter: 32 mm (1.26 in)
 Hook material: Composite
 Hook reach: Approx. 38 cm (15.0 in)
 Hook diameter: Approx. 20 mm (0.79 in)
 Pole length, excluding hook: Approx. 143 cm (56.3 in)
 Overall assembled length: Approx. 164 cm (64.6 in)
 Weight: Approx. 1.04 kg (2.29 lb)
 Assembly: Supplied with the hook detached
 Included: Wall-mounting brackets

PRODUCT CODE: RCS45

