

**A332.0401**TECHNICAL SHEET  
2024.05**hubix**  
SAFETY IN POWER**H090-14 Brush with Universal Adapter, dia=10 mm  
up to 36 kV AC / 54 kV DC****PHOTOS**

Product compliant with the requirements of: PN-EN 60832-2:2010 standards

Total length: 140 mm  
Bristle diameter: 10 mm  
Weight: 40 g

The length and weight tolerances are  $\pm 2\%$ . Due to the continuous development of the product, the appearance of the product may slightly differ from the one shown in the photos.

**CHARACTERISTICS**

Brush made of natural bristles placed in a polyethylene sleeve and mounted in a polyamide splined holder, allowing the brush to be mounted to the head of the handling stick or extensions. Handle made according to IEC 60832-2.

**APPLICATION**

The brush is used for live work up to 36 000 V AC or up to 54 000 V DC. It is part of a wet cleaning kit for cleaning live electrical equipment. The brushes are designed both to distribute the cleaning fluid and to remove it along with the dirt from the surface of the device.

**STORAGE AND MAINTENANCE**

The brush should be stored in a case or suitcase to protect it from mechanical damage. The brush should be stored in dry rooms, away from heat sources, in a chemically non-aggressive atmosphere. Protect from sunlight.

Brushes should be cleaned after each use. Brushes should be cleaned by shaking or vacuuming dirt from the bristles.

If heavily soiled, wash the bristles in gasoline thinner and dry thoroughly. Perform cleaning with gasoline thinner in an open area or in a ventilated room.

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**EXAMINATION**

Visually inspect the brush before each use. Carry out periodic inspection in accordance with the instructions for use. Periodic inspection includes visual inspection and electrical testing of the bridging protection.

Visual inspection includes checking:

- no visible defects in the brush,
- no loss of bristles,
- the validity of periodic examinations,
- the legibility and completeness of the brush markings.

Testing of protection against bridging consists in checking an element in a measuring system with a test voltage of  $1.2 U_n$  (maximum rated voltage of equipment elements).

The bridging protection tests shall be considered as passed if:

- there was no spark-over and no electric discharges.

Brushes that are damaged (cracks, thread seizures), heavily worn (bristle loss) or dirty must not be used for live applications. If damp, the brush should be thoroughly dried before use.

**CAUTION!**

In case of doubt after visual inspection, the brush shall be withdrawn from use in live work or subjected to electrical testing or subjected to electrical tests.

**FREQUENCY TESTS**

For check and periodic inspection to be carried out in according to table.

	CHECK	PERIODIC INSPECITON
Who	Team Leader / Foreman	Laboratory
When	Before each use	Annually*
How	Visual check	according to the instructions for use

*\*Unless instructions say otherwise*