



Usage and maintenance manual

Electrical insulating blanket EIP0 1,5x0 Certified according to IEC 61112:2000 class 0, category A,Z

Item description

The electrical insulating blanket made on the basis of synthetic and natural rubbers is a flexible covering material used to cover conductors that are under voltage. The working Voltage is to 1000 V and is testing for Voltage to 10 000 V.

USAGE

It is intended to protect workers from accidental contact with live electrical wires, equipment or circuits, or grounded electrical wires, equipment or circuits and to prevent short circuits in electrical installations, or also when repairing electric cars to cover (isolate) electrical energy sources (batteries).

When in use, the electro-insulating blanket should be equipped with a safety device, which serves to fasten the blanket to the protected device and prevents its accidental removal. The securing device must be made of a non-conductive material meeting the requirements of the relevant standards and must not significantly reduce the mechanical strength of the blanket. In the case of a stitched or perforated blanket, the effective insulating area is considered to be the area at least 10 mm away from the seam or cutout towards the center of the blanket.

CONTROL

Before each use, the blanket must be checked for possible cracks, mechanical punctures, cuts and other damage to the homogeneity of the surface. In the event of damage, the blanket must be removed from use.

The functionality of security devices must also be checked. When deficiencies are detected, the relevant security device must be put into working order.

When using blankets, attention should be paid to the degree of their wear. It should be taken into account whether the equipment on which they will be used will cause increased wear.

CLEANING

Electro insulating blankets need to be cleaned and dried every 6 months.

Cleaning is done with soap or a low-concentration detergent without bleaching effects.

After cleaning, they should be thoroughly rinsed with water.

Blankets should be thoroughly dried with warm air at a temperature of no more than 65°C.

STORAGE

Electric insulating blankets are stored in a spread or rolled state, in a chemically non-aggressive environment, away from direct sunlight and away from objects that could cause mechanical damage to them.

If these measures are not observed, the manufacturer is not responsible for the functionality of the electrical insulation sheet.

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