

Switchgear type BPP10-3R (housing made of plastic)



The switchgear type BPP10-3R is a device designed for use in underground mining in excavations with no explosion hazard or in conditions with no methane explosion hazard and designated as class A coal dust explosion hazard.

The switchgear type BPP10-3R is designed for switching and connecting the receivers to the three-phase mine grid with isolated star point transformer (IT system) for rated grid voltage of 1000V AC.

The switchgear type BPP10-3R housing is made of polycarbonate, additionally reinforced with glass fiber.

TECHNICAL DATA:

Ingres protection	IP54
Rated power supply voltage	1000 VAC
Rated terminal current	300A
Number of inlets	3
Section of the connected wire	(35 do 120)mm ²
Weight	12kg
Housing material	Polycarbonate with glass fiber
Dimensions	300 x 400 x 210mm (H x W x D)

Warning: Sum of load currents must not exceed 300 A.

CONSTRUCTION

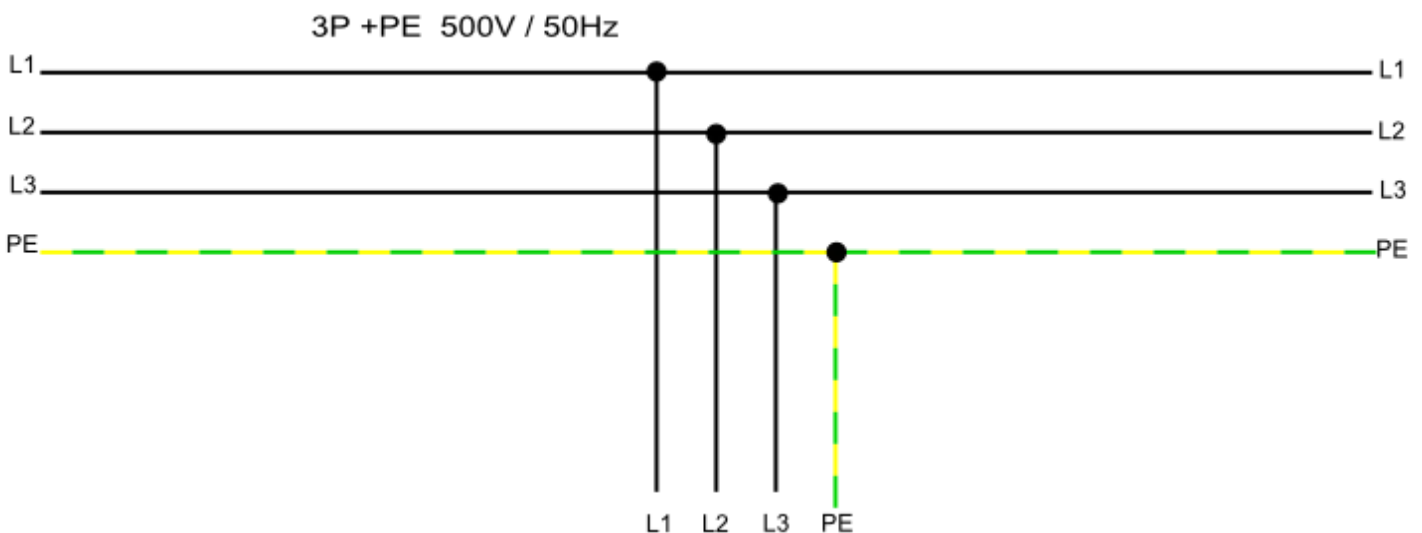
The switchgear type BPP10-3R housing is made of plastic (polycarbonate, additionally reinforced with glass fiber).

Housing's specification – opinion no OBAC/0256/TE/16:

- Material: glass fiber strengthened polycarbonate
- IP66
- Protection against mechanical impacts: IK 10
- Full electric insulation
- Temperature under load: -10...40°C
- Flammability classification: UL 94-5 VA (flame-retardant, halogen-free – non-toxic).

The housing is equipped with brackets allow the device to be hung on a chain fastened to the pit wall.

SCHEMATIC DIAGRAM



Orders should be submitted in writing or by fax to the address:

 **Instal-Service PL**

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