



Switchgear type SPR-1(B)/P (housing made of plastic)



Switchgear type SPR-1(B)/P is an electrical device designed for use in the underground mining faces in non-explosive hazard conditions and on the ground in environment 2. Switchgear type SPR-1(B)/P is designed for connecting and branching-off mine 3-phase grid circuits with insulated star point of the transformer (IT system) for the grid rated voltage of 500V.

TECHNICAL DATA:

| | |
|-----------------------------------|-------------------------------|
| ingress protection | IP66 |
| rated supply voltage | 500VAC, 50Hz |
| rated current of clamps | 400 A |
| no of outlets SPR-1(B)/P | 3 |
| cross-section of the supply cable | (35 to 120) mm ² |
| weight | 20 kg |
| dimensions | 500 x 400 x 210mm (H x W x D) |

Note: the sum of power load currents cannot exceed 400 A.

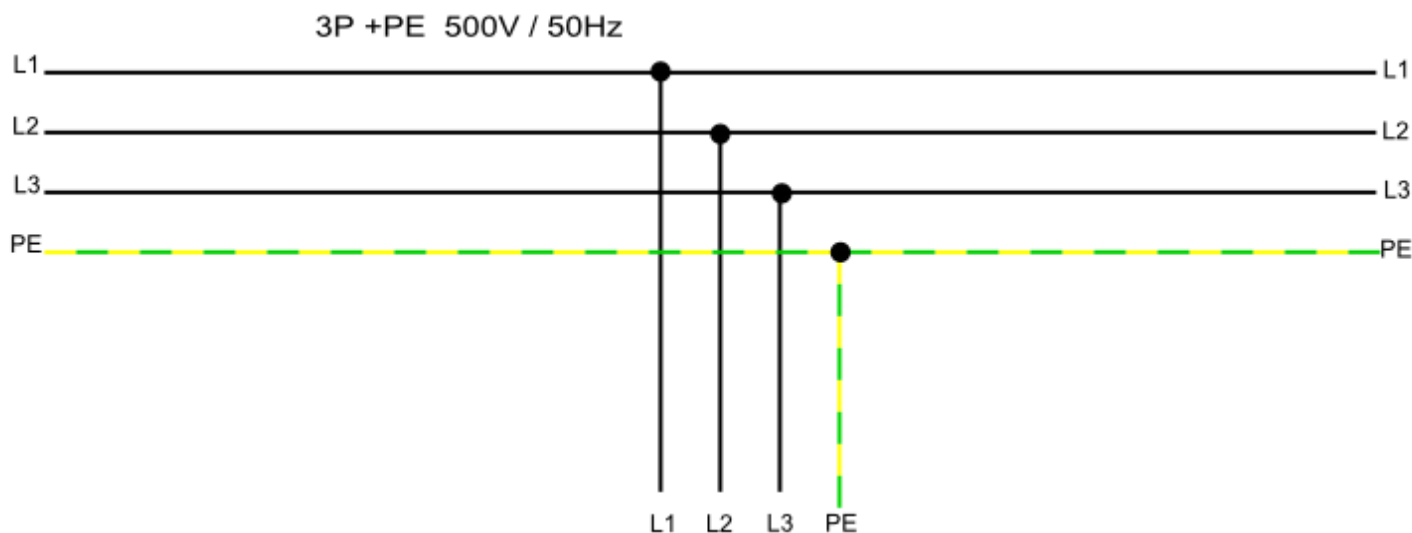
CONSTRUCTION

The housing of the switchgear is made of polycarbonate additionally reinforced with glass fiber. Optionally, additional protection against mechanical damages is provided by a protective cage made of metal frame.

Parameters of housing – opinion nr OBAC/0256/TE/16:

- Material: polycarbonate additionally reinforced with glass fiber
- IP66
- Resistance against mechanical damages: IK 10
- Full electrical insulation
- Working Temperature: -10...40°C
- Fire-resistance rating: UL 94-5 VA (non-flammable, halogen-free – non-toxic)

SCHEMATIC DIAGRAM



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

 **Instal-Service PL**

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