

## Switchgear type SPR-1-AWX



Switchgear type SPR1-AWX 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 SPR1-AWX is designed for connecting and branching-off mine 3-phase grid circuits with insulated star point on the transformer (IT system) for the grid rated voltage of 500V.

### TECHNICAL DATA:

ingress protection	IP54
rated supply voltage	500VAC, 50Hz
rated voltage on terminals on the supply side	400 A
rated current of outlet 1	160 A
rated current of outlet 2	250 A
cross-section of the supply cable	(35 to 120) mm <sup>2</sup>
weight	35 kg
dimensions	1000 x 670 x 400mm (H x W x D)

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

## CONSTRUCTION

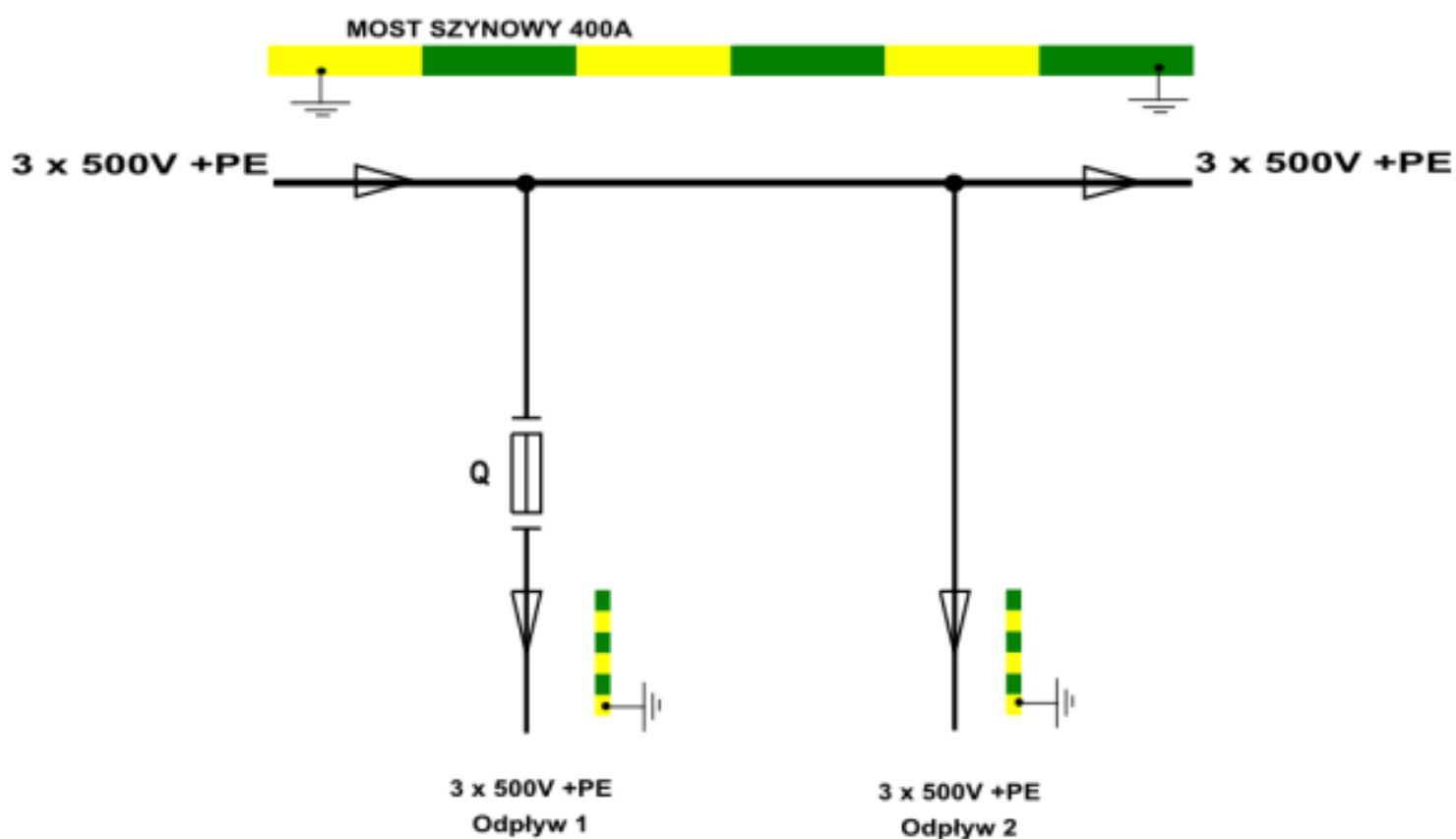
The housing of switchgear type SPR1-AWX is made of steel sheet . The housing is mounted on a frame with brackets allowing for its hanging with chains on the wall of the mining pit. The frame gives additional protection against mechanical damage.

## SCHEMATIC DIAGRAM

### Legend:

MOST SZYNOWY 400A – **BUS BRIDGE 400A**

Odpyw - **outlet**



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

 **Instal-Service PL**

Spółka z ograniczoną odpowiedzialnością  
Spółka komandytowa

58-506 Jelenia Góra, ul. Wrocławska 15a  
tel. (+48 075) 64-57-950  
fax. (+48 075) 64-57-951  
e-mai: instal@instal-service.pl