



## Lighting switchgear type ZRO-1

for rated voltage 230V



Switchgear type ZRO-1 is an electric device designed for use underground mining, in work-pits in non-explosive hazard conditions and on the ground in non-hazardous areas.

Switchgear type ZRO-1 is designed for connecting and switching on receivers in the 3-phase mine grid with insulated star point on the transformer (system IT) of rated grid voltage of 230V.

### TECHNICAL DATA:

ingress protection	IP54
rated voltage of power supply	230VAC
rated voltage of outlets	24VAC/24VAC
rated current of clamps from supply side	50A
rated current of outlets	25A
number of 230V outlets	2
dimensions	550 x 320 x 170 mm (height x width x depth)
weight	20kg

## CONSTRUCTION

The switchgear is manufactured from steel sheets. The whole is placed on the common carrier frame. The housing is equipped with brackets allowing for the switchgear to be hung on a chain.

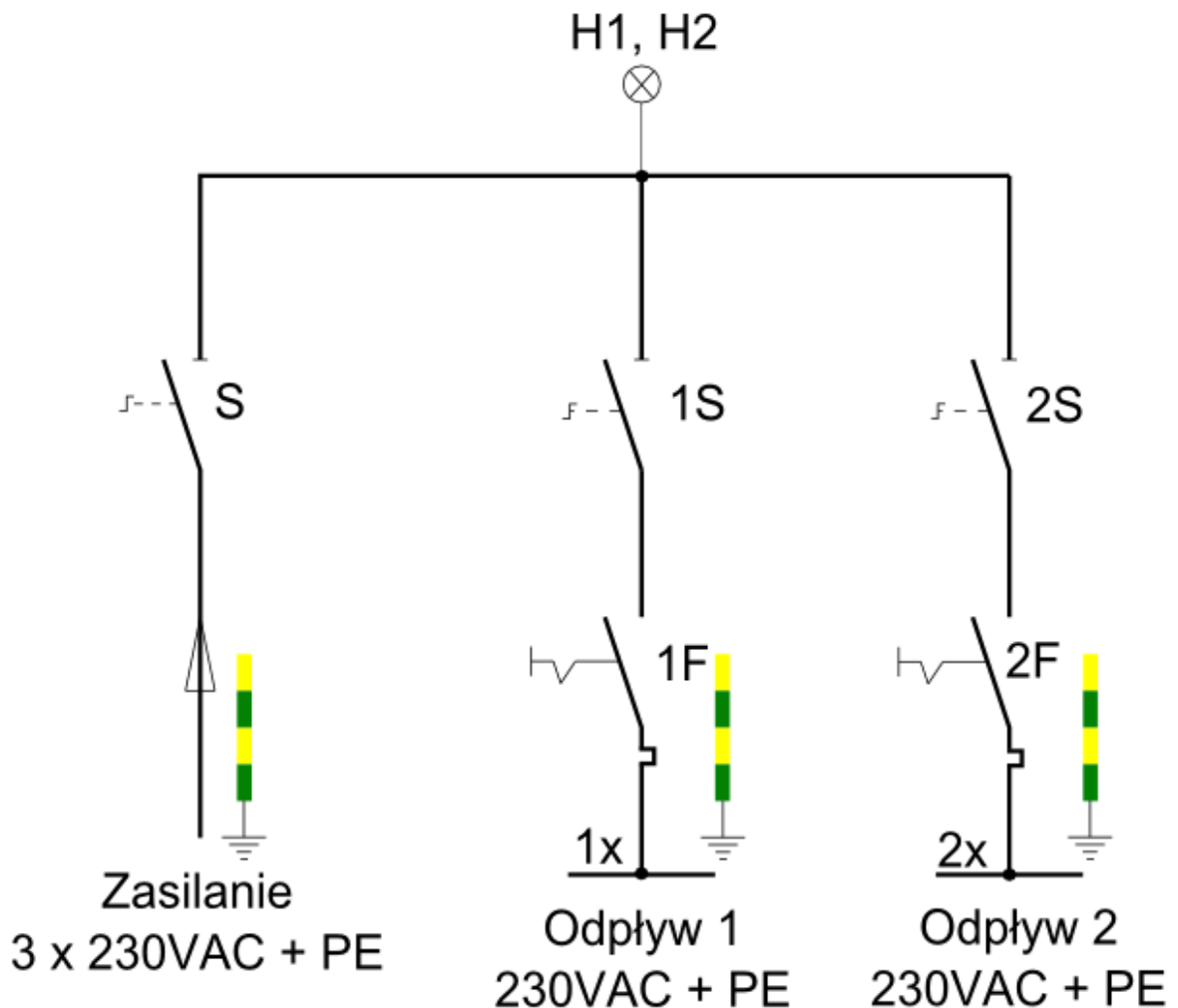
## MODE OF OPERATION

Turning on/off the switchgear is carried out with moving on lever drive of disconnecter S on "turning on/off" position. After turning on disconnecter S, the indicating lamp H1, H2 signalizes the present of 230 voltage on outlets 1 and 2. Turning on/off the outlets is carried out with moving on lever drive of disconnecter 1S, 2S on "turning on/off" position.

## SCHEMATIC DIAGRAM

### Legend:

Odpyływ 1,2 - outlet 1,2  
Zasilanie - supply  
S,1S,2S - disconnectors  
H1,H2 - indicating lamps  
1F, 2F - switches



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