



## Control desk type P1 and control cabinet type SSP



Control desk P1



Control cabinet SSP

Control desk P1, control cabinet SSP are an electrical devices designed for use in the underground mining pits in non-explosive conditions and on the ground. Control desk P1 is designated to control sectional bond of traction type A&LT-06/U and it operates in technological line of ore loading from container on rail-cars of electric traction. Cabinet SSP is designated to signalize level of ore output in loading container and it cooperates with desk P1.

This device is equipped with power protection against short-circuits, overload and lowering of insulation resistance (only control desk P1).

### TECHNICAL DATA:

ingress protection  
rated voltage of insulation  
rated operating voltage  
rated current of outlet  
dimensions:  
- desk P1  
- cabinet SSP

weight  
maximum cross-section of the power supply cable

IP54  
250V  
24V AC/DC  
6A(P1)/4A(SSP)

600x600x250mm (height x width x depth)  
700x400x250mm (height x width x depth)  
50 kg(P1)/45kg(SSP)  
6 mm<sup>2</sup>

## CONSTRUCTION

The desk, cabinet housing is made of steel sheet The whole unit is based by a common support frame, which allow to be placed directly on the ground.

## DESCRIPTION OF OPERATION

Turning on/off desk, cabinet is carried out local, only from its face using lever of disconnecter Q.

Turning on/off voltage 600V DC on electric traction is carried out from control desk P1 by buttons „S2 – turning on/S3 – turning off”. Control of container feeder is carried out from face of the desk by buttons „SZ turning on” and „SW turning off”. Additionally from control desk P1 it is possible to control signal lights – “NO ENTRY/THOROUGHFARE”.

Control cabinet type SSP is turned on/off through moving lever in turning on/off position. After minimum level is achieved in container, “MINIMUM LEVEL” lamp is lighting.

## SCHEMATIC DIAGRAM

### Control desk P1

#### Legend:

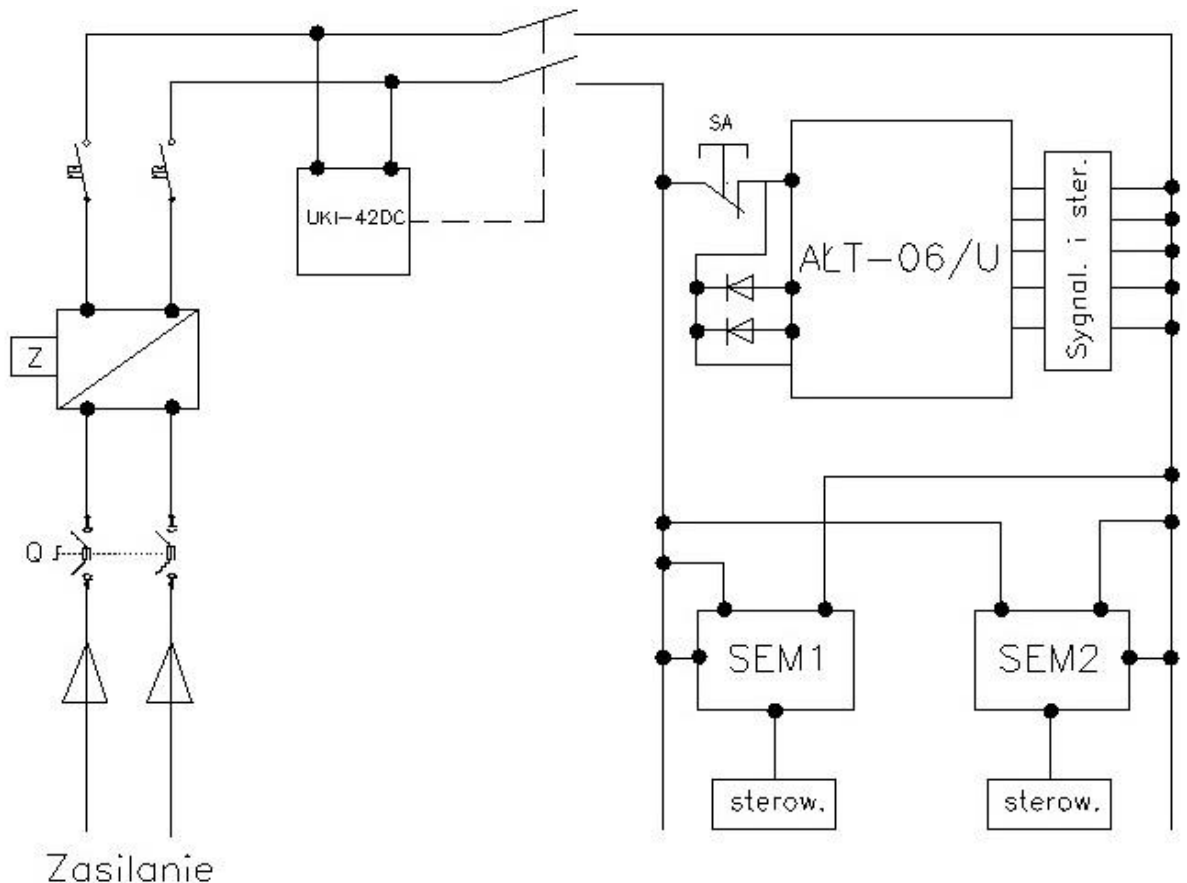
**Zasilanie** – supply

**sterow.** – control

**Sygnal. i ster.** –  
signalling and  
control

**SEM1-SEM2** –  
lighting signals

**Q** - disconnecter



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