



## Switchgear set ZB-58



Switchgear set type ZB-58 is an electrical device designed for use in underground mining pits in non-explosion hazard conditions and on the ground in non-explosive hazard conditions.

Switchgear set ZB-58 comprises of one switchgear type RKS4-6/W and one of switchgear type KTO-05/W, mounted in a common structure

Switchgear set ZB-58 is designed for connecting and switching-on receivers (especially conditioners) to the mine 3-phase grid with insulated star point on the transformer (system IT) for rated voltage of 500V.

### TECHNICAL DATA:

ingress protection	IP54
rated voltage of main circuits insulation	660 V
rated voltage of auxiliary circuits insulation	250 V
rated supply voltage	500V, 50 Hz
maximum load current of 500V outlets	acc. to Tab.1
number of 500V outlets	4
dimensions	2000 x 3200 x 300mm (height x width x depth)
weight	240kg

Table 1

Type of switchgear	Maximum load current outlet [A]	Maximum power of connected receiver $P_e$ [kW]	Rated current of clamps from the supply side (Inz) [A]
Switchgear set ZB-91	250	160	400

