Spółka z ograniczona odpowiedzialnością Spółka komandytowa

58-506 Jelenia Góra, ul. Wrocławska 15a

Switchgear type RKS4-1/4U

for rated voltage 500V



Switchgear type RKS4-1/4U is an electrical device designed for use in the underground mining pits in nonexplosive conditions and on the ground.

Switchgear type RKS4-1/4U is designed for connecting and switching on receivers (especially fans or selfpropelled machines) in the 3-phase mine grid with insulated star point on the transformer (system IT) of rated grid voltage of 500V.

Switchgear type RKS4-1/4U is equipped with electrical power protections against short-circuiting, overloading, lowering insulation resistance and grounding integrity control unit.

TECHNICAL DATA:

ingress protection insulation rated voltage of main circuits insulation rated voltage of auxiliary circuits supply rated voltage maximum outlet load current number of 500 V outlets dimensions weight

IP54 660 V 250 V 500V, 50 Hz acc. to Table 1

1200 x 500 x 370mm (height x width x depth)

50 kg

Table 1

Switchgear type	Maximum outlet rated current [A]	Rated current of clamps from the supply side (Inz) [A]
RKS4-1/4U	115	400

Note:

Load drains of the outlets can be adapted to the power of the receivers on request, however they can't exceed the values in table 1.

CONSTRUCTION

The switchgear housing is made of steel sheets. The whole unit is based by a common support frame. The housing is equipped with brackets that allow for the switchgear to be hung on a chain or to be placed directly on the ground.

MODE OF OPERATION

In the main 3x500V circuit the switchgear is equipped with a three-position disconnector: on-off-grounded. In the "grounded" position the clamps of fuses on the outlet are grounded.

SCHEMATIC DIAGRAM

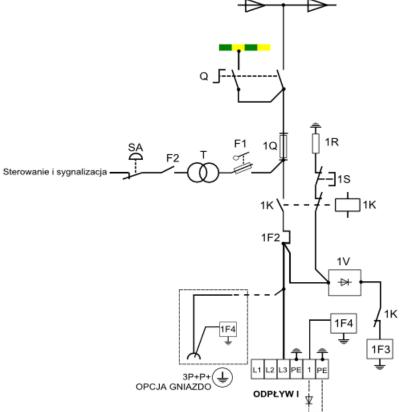
1F2 - overload protection

Legend:

Sterowanie i sygnalizacja - control and signalling
Opcja gniazdo – optional socket
Odpływ I – outlet I
Q – disconnector
1Q – fuse
1K – contactor

1F3 - lowering insulation protection

x 500V +PE



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

