

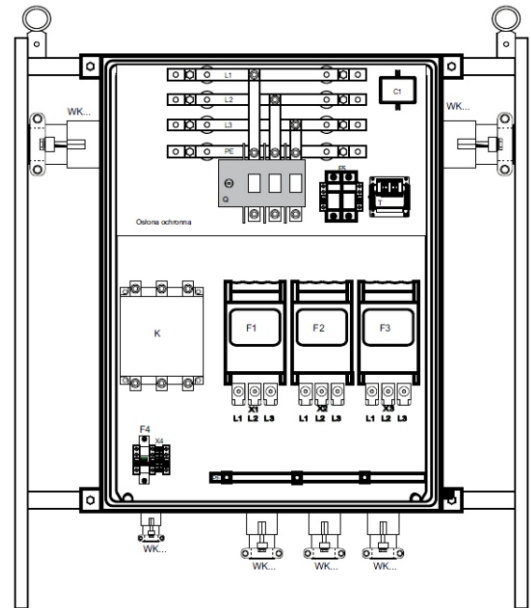
RZK 05.250/1.3 SWITCHGEAR 500 VAC

APPLICATION AREA

RZK 05.250/1.3 switchgear for 500 VAC voltage is an electric appliance designed for distribution of electric power and protection of electric equipment against consequences of shorts and overloads in electric power networks with insulated neutral point, deployed in mining operations and provided with a central leakage protection. Electric circuits of the switchgear enable incorporation of a technological shutoff device (e.g. an air flow sensor) that, of tripped, de-energizes all output lines of the switchgear.

APPLICATION CONDITIONS

The device is suitable for working areas of underground operations without the hazard of methane explosion and the ones with the 'a' degree of methane explosion hazard as well as with the 'A' class of coal dust explosion hazard.



CONFORMITY WITH STANDARDS

RZK 05.250/1.3 switchgear for 500 VAC voltages are manufactured in line with rules of good engineering practice in the field of occupational safety as well as current state-of-art in technical expertise with consideration to applicable technical standards and the 2014/35/UE Low-Voltage Directive.

PRODUCT CODE

RZK - 05.250 / 1.3 - N

Rated voltage

05 – 500 V

Maximum current

(Σ for all output currents)

250 – 260 A

Number of supply lines

1 – one supply line

Number of output lines

3 – three output lines

Design options

N – enclosure of stainless steel

TECHNICAL PARAMETERS

Rated voltage	500 V
Maximum output current (Σ for all outputs)	250 A
Cross-section of supply cables	
- inlet /throughout cables 500 V	50 – 120 mm ²
- outlet (branching) lines 500 V	25 – 95 mm ²
- control circuit	2.5 – 10 mm ²
Maximum output current (for single output 1 ÷ 3)	160 A
Index of protection	IP 54
Overall dimensions (W x H x D)	900 x 1000 x 330 mm
Weight	~70 kg