

RZK 05.400/2P.10-N SWITCHGEAR 500 VAC

APPLICATION AREA

RZK 05.400/2P.10-N 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.

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 05.400/2P.10-N switchgear for 500 VAC voltage are is 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 - 05.400 / 2P.10 - N

Rated voltage

05 – 500 V

Maximum current

(Σ for all output currents)

400 – 400 A

Switch to enable supply of the switchgear alternatively from two sources of electric power

Number of output lines

10 – ten output lines

Design options

N – enclosure of stainless steel

TECHNICAL PARAMETERS

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|--|----------------------|
| Rated voltage | 500 V |
| Maximum output current (Σ for all outputs) | 400 A |
| Max. cross-section of supply cable | 120 mm ² |
| Max. cross-section of output cables (outputs 1 – 5) | 95 mm ² |
| Max. cross-section of output cables (outputs 6 – 10) | 35 mm ² |
| Maximum output (branching) current (outputs 1 – 5) | 160 A |
| Maximum output (branching) current (outputs 6 – 10) | 50 A |
| Index of protection | IP 54 |
| Overall dimensions (W x H x D) | 1360 x 1600 x 320 mm |
| Weight | ~130 kg |