

Network-aggregate switches

Purpose

Modular network-aggregate modular switches implement a 1-0-2 switching program, so that it is possible, for example, to connect one of the two input lines to the output, or completely disconnect the circuits.

Rotary switches

Purpose

Modular network-generator installation switches implement the I-0-II switching programme, which makes it possible, for example, to connect one of two input lines to the output or to completely disconnect the circuits. The switch contacts act as a disconnector, so it is possible to switch to the rated load current.

PSR-463-AUTO 4-track, rotary, network-aggregate switch 63 A



number of tracks	4P
rated voltage (AC)	400 V
insulation voltage	500 V
surge voltage	4 kV
connectivity	5 kA
rated frequency	50÷60 Hz
current capacity AC-21 (category A and B)	63 A
current capacity AC-22 (category B)	63 A
current capacity AC-23 (category B)	63 A
overvoltage/undervoltage protection	270 V/165 V (±5 V)
switching power	42 kW
mechanical strength	10.000 cycles
electrical strength	6.000 cycles
switching time	≤5 s
possibility of locking in 0 position	no
power loss (for rated current)	
1 track	<5 W
total	<15 W
working temperature	-5÷40°C
control outputs	4
type	relay
load capacity	2 A/250 V AC
control input	1
type	non-potential
power circuit connection	
minimum cable diameter	1.5 mm ² screw terminals
maximum cable diameter	25 mm ² screw terminals
control circuit connection	
maximum cable diameter	1.5 mm ² push-in terminals
dimensions [S×W×G]	246×141×113 mm
mounting	on installation plate
ingress protection	IP20

Functions

- Automatic network-aggregate switch with electric drive;
- Operating modes: automatic and manual;
- Relay outputs for signalling the device status;
- Output for switching on the generator;
- Fire input for emergency power shutdown;
- Overvoltage and undervoltage protection;
- Mounting on installation plate.

