

# Rotary switches S 32, 250, 400 J



## Technical data:

		S 32 J	S 250 J	S 400 J
<b>Rated insulating voltage <math>u_i</math>, V</b>		500	660	660
<b>Rated current <math>I_n</math>, A</b>		32	250	400
<b>Rated thermal current <math>I_{th}</math>, A</b>		32	250	400
<b>Rated frequency, Hz</b>		50	50	50
<b>Switching ON/OFF ability, A</b>		v AC 3	v AC 22	v AC 22
	in 500 V	250	450	750
	in 380 V	250	750	900
<b>Working current <math>I_w</math>, A</b>	in 500 V	18	150	200
	in 380 V	25	250	250
<b>Electric durability, cycles</b>		10 000	1 000	1 000
<b>Mechanical durability, cycles</b>		100 000	10 000	10 000
<b>Class of operational interruption</b>		30	30	30
<b>Working current <math>I_w</math>, A</b>		DC 22 DC 21	DC 22	DC 22
<b>in 110 V=</b>	poles in series 1	6 16	100	100
	2	12 20	150	150
	3	16 32	-	-
<b>in 220 V=</b>	poles in series 1	4 10	40	40
	2	6 16	100	100
	3	10 20	-	-
<b>Connection of conductors, mm<sup>2</sup></b>		1,5 - 6	240*	240*

## Electrical type:

Type	Designation	Marking	No. of switching chambers
S 32 J	Three pole switch	001	2
	Reverse switch	002	3
	Switch YD	003	4
	Reverse switch YD	004	6
	Pole-changing switch	005	4
	Network switch	006	3
S 250, 400 J	One-pole switch	01	1
	Two-pole switch	02	1
	Three-pole switch	03	2
	Four-pole switch	04	2
	One-pole changeover switch	11	1
	Two-pole changeover switch	12	2
	Three-pole changeover switch	13	3
	Four-pole changeover switch	14	4

## Use:

Switches S 32, 250, 400 J are a new non-conventional designed rotary switch with switching angle 60° with maximum 6 switching positions.

The control gear of the switch is separated from the control switching part of the device and by turning the control lever it enables quick making and breaking contacts independently of the way of control.

The unit-construction switching part of the device has from one to six switching chambers in which there are disks with movable contacts rollers on the basis of Cu and terminal clamps. Maximum number of switching poles is 12.

Minimum use of metal parts in construction of the switch significantly increases the safety of operation.

They are used for switching unidirectional and alternating electrical circuits till the rated current, and ohmic and inductive load.

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