

Description

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.

Use

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

Technical data

- they correspond to EN 60 947-3 (EN 60 947-3, IEC 60 947-3, EN 60 947-3)

		S 32 J	S 250 J	S 400 J
Rated isolation voltage U_i , V		500	660	660
Rated current I_n , A		32	250	400
Rated thermal current I_{th} , A		32	250	400
Rated frequency, Hz		50	50	50
Switching ON/OFF ability, A		v AC 3	v AC 22	v AC 22
	in 500 V	250	450	750
	in 380 V	250	750	900
Working current I_e , A	in 500 V	18	150	200
	in 380 V	25	250	250
Electric durability, cycles		10.000	1.000	1.000
Mechanical durability, cycles		100.000	10.000	10.000
Class of operational interruption		30	30	30
Working current I_e , A		DC 22 DC 21	DC 22	DC 22
in 110 V=	poles in series 1	6 16	100	100
	2	12 20	150	150
	3	16 32	-	-
in 220 V=	poles in series 1	4 10	40	40
	2	6 16	100	100
	3	10 20	-	-
Connection of conductors, mm ²		1,5 - 6	240*	240*

* Possibility to connect cable eye up to Ø 30 mm, for bigger section of the connecting wires is necessary to use additive clamps.

Mechanical type

Type designation	Execution
S ... J	contact maker/switch with lever
S ... JD	contact maker/switch with front board
S ... JVZ	contact maker/switch with padlocks

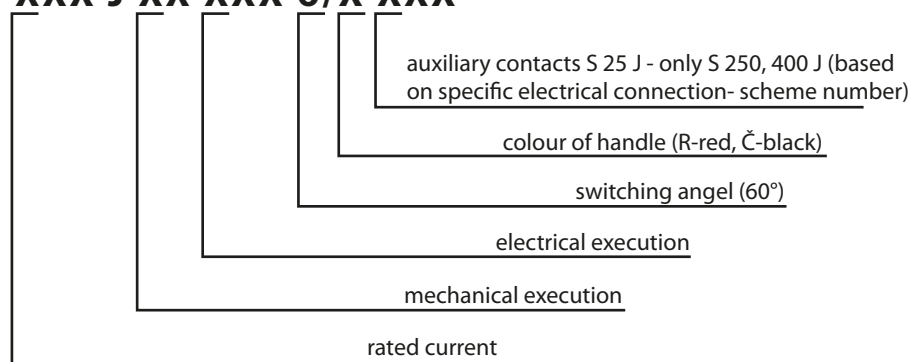
Electrical type

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

Other required electric type is necessary to be consult with the producer.

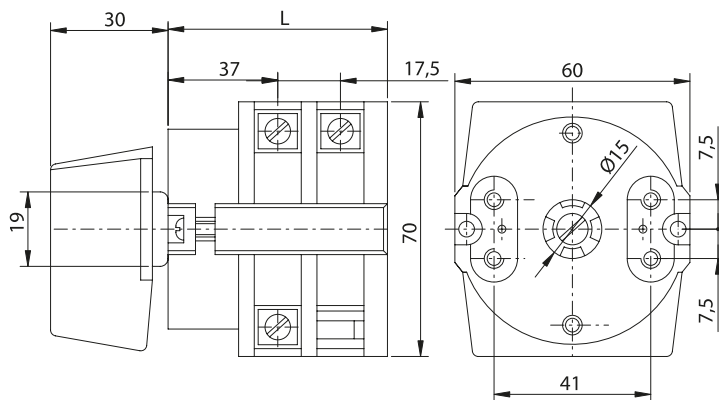
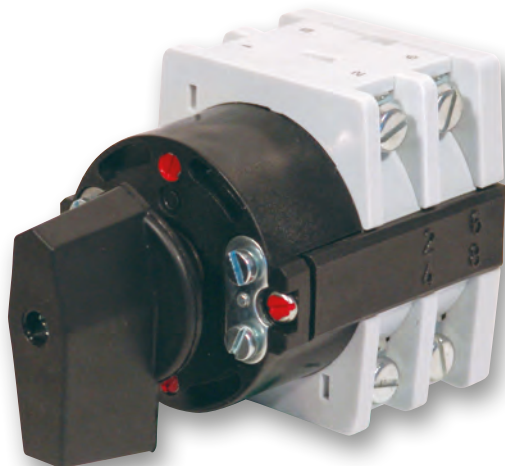
TYPE DESIGNATION

S XXX J XX XXX 6/X XXX

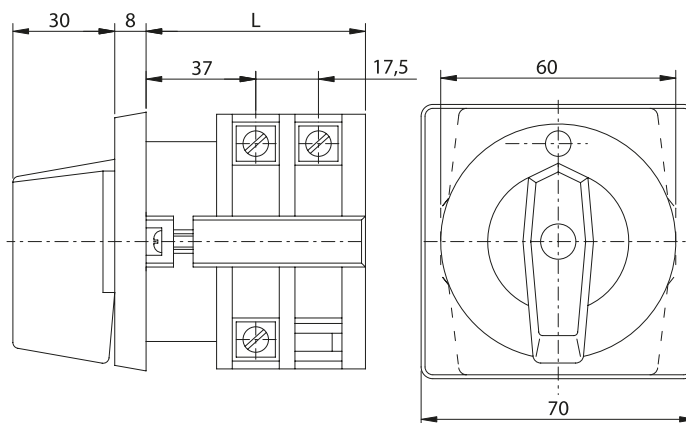


Notes: Auxiliary contacts (switch S 25 J) are mounted to the rear side of switches S 250, 400 J.

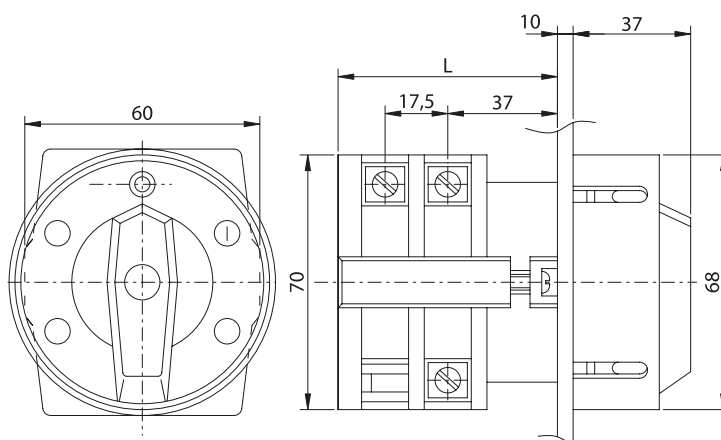
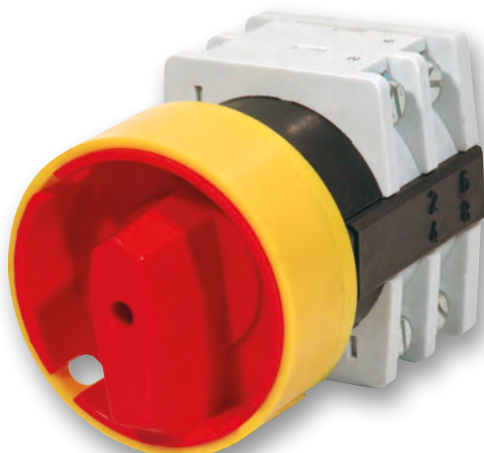
Rotary switch S 32 J



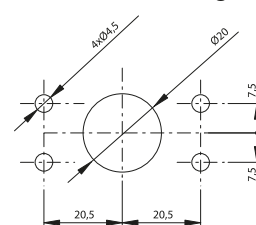
Rotary switch S 32 JD



Rotary switch S 32 JVZ

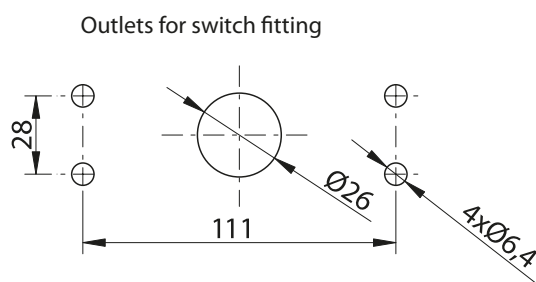
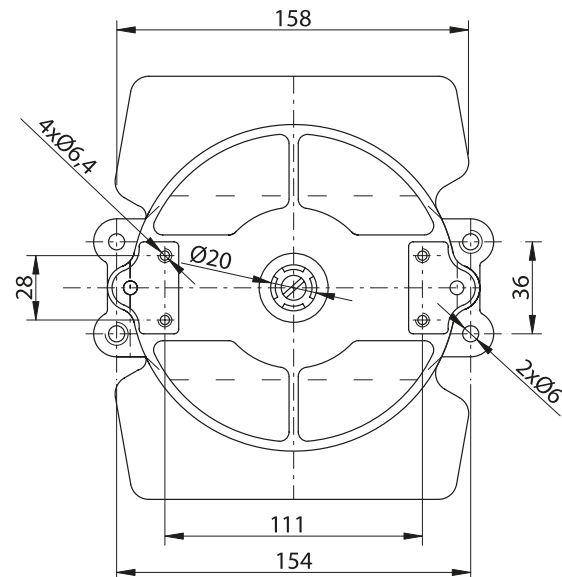
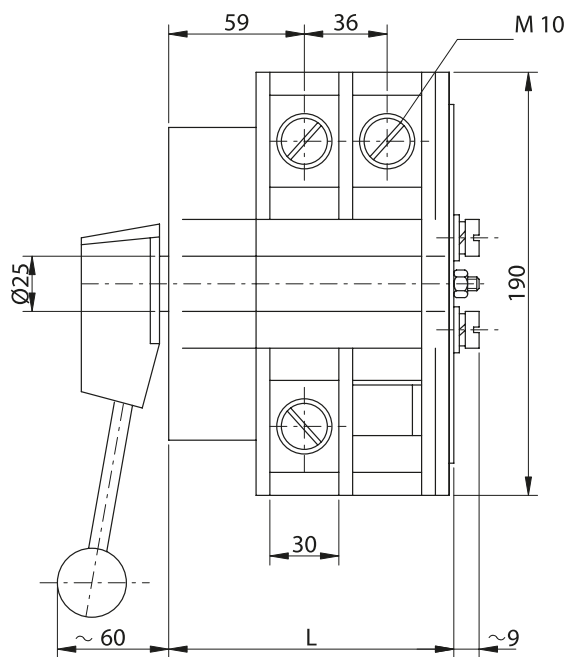


Outlets for switch fitting

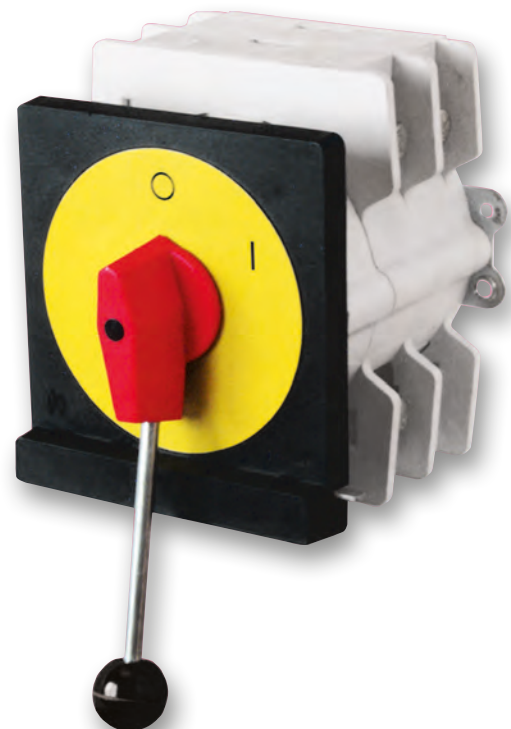


Number of chambers	1	2	3	4	5	6
L	51	68	86	103	121	138

Rotary switch S 250, 400 J



Number of chambers	1	2	3	4
L	88	124	160	196



Fastening:

- to the panel - by four screws M6x10 mm (max) with the axis distance of holes of 28 x 111 mm
- rear - by two screws M6x10 mm (max) with the axis distance of holes of 36 x 154 mm
- frontal plate dimensions of 158 x 172 mm