

# Compact power switches K 16 J a K 32 J



Execution:	Type:	Description:
* Switches with rear mounting	K...JLM	- with small handle for DIN rail or with screws
	K...JB	- with control on the door
	K...JPD	- in plastic box with IP 65
Switches on panel	K...J	- with handle
	K...JM	- with small handle
	K...JG	- with handle and sealing for IP 65 (also for execution D,U...)
	K...JD	- with handle and front plate
	K...JU	- with lock and 3 padlock - cylindrical
	K...JH	- with locking padlocks on handle
Accessories	K...JF	- with LED signalling diode
	SP 16	- switching pole with terminals 7-8 or 9-10
	SP 32	
	PE 16	- nonswitched pole for two earthing conductors till 16 mm <sup>2</sup>
	PE 32	
N 16		
N 32	- nonswitched pole for conductors till 16 mm <sup>2</sup> terminals for central conductors	

\* For these types there is a possibility of adding front plate and lock with 3 padlocks U, small handle M and handle H.

## Technical data:

TYPE		K16J	K32J
Standards		STN EN 60947-3	
Rated insulating voltage U <sub>i</sub>	V	690	690
Rated impulse voltage U <sub>imp</sub>	kV	4	4
Rated thermal current I <sub>m</sub> - I <sub>me</sub>	A	16	32
Output in AC3 at 500 V~ ( motors )	kW	7,5	11
Rated operating current I <sub>n</sub> v AC 23 A - 500 V~	A	16	32
Rated switching-on capacity	A	160	320
Rated switching-off capacity	A	128	256
Conditional short-circuit current with fuse 16, 35 A	kA	6	6
Mechanical endurance		100 000 cycles	100 000 cycles
Max. cross section of conductors	mm <sup>2</sup>	16	16
Protection degree		IP 20	
Switching angle		IP 40 from the front panel	
Ambient temperature	°C	-30 till +55	
Mounting		on panel, DIN rail 35 x 7,5	
Rated operating current I <sub>e</sub> (A) at DC 22/21	48 V	16	32
	110 V	1	1
	220 V	0,5	0,5

## Use:

Compact power switches K16J and K32J are 2 modules, 3 poles switches of rated current 16A and 32A with switching angle 90°. Switches can be mounted on DIN rail, or on base plate with M4 bolts. They can also be mounted on the front panel of distribution box with 2 self tapping screws Ø 3,9. Access to heads of the screws for connection of conductors is in this case from the back side of the switch and the switch is without back fixing rail.

On basic execution of 3 poles switches K16J and K32J you can add 4-th and 5-th switching pole, or PE and N poles. These units can be attached to the switches without screws from the left or right side. Extensions front plates of operations elements, mechanical executions and numeric designation of electrical schemes are identical with cam switches S16J and S25J.

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