

Compact power switches K16J, K20J, K25J, K32J and K40J



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 IP65
	K...J	- with handle
Switches on panel	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 padlocks - cylindrical
	K...JH	- with locking padlocks on handle
	K...JF	- with LED signalling diode
Accessories	SP 16	switching pole with terminals 7-8 or 9-10
	SP 20	
	SP 25	
	SP 32	
	SP 40	
	PE 16	
	PE 20	non switched pole for two earthing conductors till 16 mm ²
	PE 25	
	PE 32	
	PE 40	non switched pole for conductors till 16 mm ² terminals for central conductors
	N 16	
	N 20	
	N 25	
	N 32	
	N 40	

* 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	K20J	K25J	K32J	K40J
Standards		STN EN 60947-3				
Rated insulating voltage U_i	V	690				
Rated impulse voltage U_{imp}	kV	4				
Rated thermal current I_{th} - I_{the}	A	16	20	25	32	40
Output in AC3 at 500 V~ (motors)	kW	7,5	8	9	11	13
Rated operating current I_e AC 23 A – 500 V~	A	16	20	25	32	40
Rated switching-on capacity	A	160	200	250	320	400
Rated switching-off capacity	A	128	160	200	256	320
Conditional short-circuit current with fuse 16, 35 A	kA	6				
Mechanical endurance		100 000 cycles				
Max. cross section of conductors	mm ²	16				
Protection degree		IP 20				
		IP 40 from the front panel				
Switching angle		90°				
Ambient temperature	°C	-30 till +55				
Mounting		on panel, DIN rail 35 x 7,5				
Rated operating current I_e (A) at DC 22/21	48V	16	20	25	32	40
	110V	1				
	220V	0,5				

Use:

Compact power switches K16J, K20J, K25J, K32J and K40J are 2 modules, 3 poles switches of rated current 16A, 20A, 25A, 32A and 40A 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, K20J, K25J, K32J and K40J 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, S20J, S25J, S32J and S40J.

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