

Circuit breakers PR 60 J

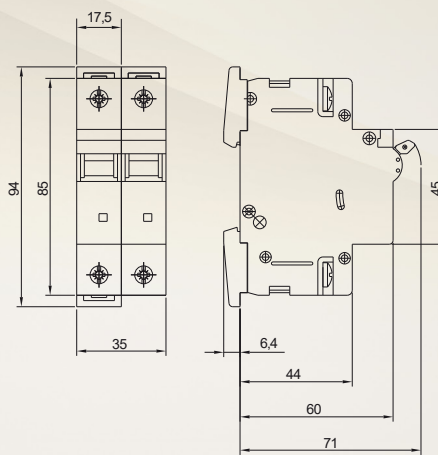


PR6 1 J- C 0,5	J- M 0,2
2	0,3
M	0,4
1	0,6
2	0,8
3	1,2
4	2
6	3
8	4,2
10	6
13	8
16	10
20	12
25	14
32	17
40	21
50	25
63	32
	40
	50
	63

Number of poles

Trip characteristic

Rated current



Color code:

0,5-1A	black	40A	black
2A	pink	50A	white
3A	black	63A	copper
4A	brown		
6-8A	green		
10-13A	red		
16A	gray		
20A	blue		
25A	yellow		
32-35A	purple	M	black
		0,2-63A	

Technical data:

Standards	STN EN 60898-1	STN EN 60947-2
Pole configuration	1,2	
Tripping characteristics	C	M
Rated current I_n	A	0,5 - 63
Rated voltage U_n	V	220 - 1 pole, 440 - 2 poles, $\tau = \text{min. } 3\text{ms}$
Rated insulation voltage U_i	V	400
Rated impulse withstand voltage U_{imp}	V	4 000
Short circuit breaking capacity	kA	4,5
Ultimate short circuit breaking capacity I_{cu}	kA	4,5
Service short circuit breaking capacity I_{cs}	kA	4,5
Utilization category		A
Electrical endurance		4 000 cycles
Mechanical endurance		100 000 cycles
Terminal capacity	mm ²	1 - 25 for Cu wires 2,5 - 25 for Al wires - special type
Mounting		on rail DIN 35x7,5 EN 60 715; on panel
Degree of protection		IP 20; IP 40 front
Ambient temperature	°C	-25 up to +55
Mounting position		optional
Vibration resistance		3g (8 - 50 Hz)
Approvals		ESS
Accessories		Auxiliary and signal contacts - PKJ, 2PKJ, PKJ+SKJ Shunt trips - VC

- 4,5 kA short circuit resistance
- Approved connection of copper and aluminum conductors
- Possibility of connection by wires and bus (pin or plug) at the same time
- Connection of the upper and lower terminals using a connecting strip
- Clear identification using colored levers

Use:

As DC circuit breakers, depending on the voltage, automatic circuit breakers PR60 and PR60J can be used.

For voltage U_n :

- For 40V direct current, we recommend using automatic circuit breakers PR61. The poles of the source (+) and (-) can be connected to any of the terminals of the automatic circuit breaker.
- For 220V DC or 440V DC, use automatic circuit breakers PR61J or PR62J. Since these automatic circuit breakers are equipped with permanent magnets, the poles of the source (+) and (-) must be connected to the appropriately marked terminals of the automatic circuit breaker (see connection example for details).

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