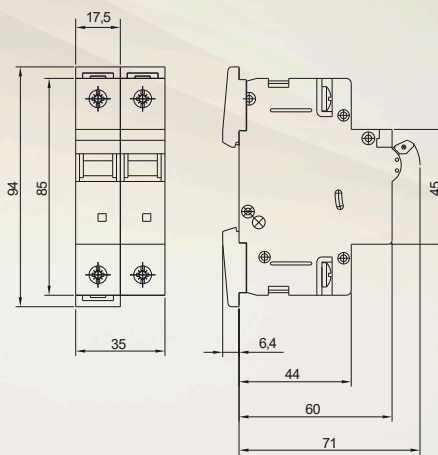


# Circuit breakers PR 60 J



	PR6 1	J- C	0,5	J- M	0,2
Number of poles	2	M	1	0,3	0,4
Trip characteristic			2	0,6	0,8
Rated current			3	1,2	2
			4	2	3
			6	3	4,2
			8	6	8
			10	10	10
			13	12	14
			16	17	17
			20	21	25
			25	25	32
			32	40	40
			40	50	50
			50	63	63



## 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	0,2-63A	black

## Technical data:

<b>Standards</b>		STN EN 60898-1	STN EN 60947-2
<b>Pole configuration</b>		1,2	
<b>Tripping characteristics</b>		C	M
<b>Rated current I<sub>n</sub></b>	A	0,5 - 63	
<b>Rated voltage U<sub>n</sub></b>	V	220 - 1 pole, 440 - 2 poles, τ = min. 3ms	
<b>Rated insulation voltage U<sub>i</sub></b>	V	400	
<b>Rated impulse withstand voltage U<sub>imp</sub></b>	V	4 000	
<b>Short circuit breaking capacity</b>	kA	4,5	
<b>Ultimate short circuit breaking capacity I<sub>cu</sub></b>	kA		4,5
<b>Service short circuit breaking capacity I<sub>cs</sub></b>	kA		4,5
<b>Utilization category</b>			A
<b>Electrical endurance</b>		4 000 cycles	
<b>Mechanical endurance</b>		100 000 cycles	
<b>Terminal capacity</b>	mm <sup>2</sup>	1 - 25 for Cu wires 2,5 - 25 for Al wires - special type	
<b>Mounting</b>		on rail DIN 35x7,5 EN 60 715; on panel	
<b>Degree of protection</b>		IP 20; IP 40 front	
<b>Ambient temperature</b>	°C	-25 up to +55	
<b>Mounting position</b>		optional	
<b>Vibration resistance</b>		3g (8 - 50 Hz)	
<b>Approvals</b>		ESS	
<b>Accessories</b>		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<sub>n</sub> :

- 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).

Valid from: 22.11.2024

SEZ Kropachy a.s. • Hornádska 1 • 053 42 Kropachy • Slovak Republic

tel.: +421 53 4189 144 • www.sez-kropachy.sk • e-mail: martina.dankova@sez-kropachy.sk

