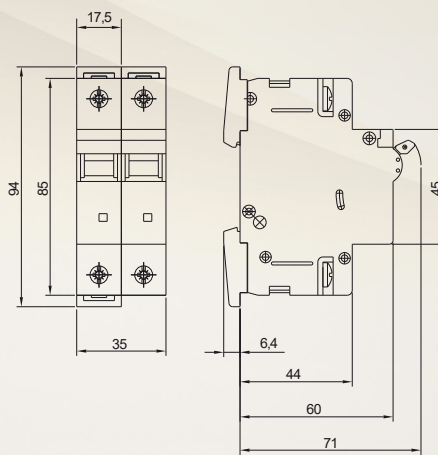


Circuit breakers PR 60 J



PR6	1	J- C	0,5	J- M	0,2
2	M	1	0,3		
		2	0,4		
		3	0,6		
		4	0,8		
Number of poles		6	1,2		
		8	2		
Trip characteristic		10	3		
		13	4,2		
Rated current		16	6		
		20	8		
		25	10		
		32	12		
		40	14		
		50	17		
		63	21		
			25		
			32		
			40		
			50		
			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	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, $T = \min. 3 \text{ ms}$	
Rated insulation voltage U_i	V 400	
Rated impulse withstand voltage U_{imp}	V 4 000	
Short circuit breaking capacity	kA 10	
Ultimate short circuit breaking capacity I_{cu}	kA	10
Service short circuit breaking capacity I_{cs}	kA	10
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	
Tightening torque	Nm 2,5	
Degree of protection	IP 20 IP 40 z 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	

- 10 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 PR61J or PR62J. 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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