

Miniature Circuit Breakers

RI 50



- RI 50 is used for the protection of installations and devices (overload and short circuit), and as a disconnecter in case of electric shock
 - Simple and quick fixing to a 35 mm mounting rail in accordance with EN 60715
 - Low let-through energy under short-circuit conditions ensures longer life of contacts and reduces thermal stresses in the distribution circuit
 - RI 50 reduces the energy loss due to a unique contact configuration and reduction of hot spots. Watt loss per pole for RI 50 is far lower than that specified in IEC/EN 60898
 - An optional operating position
 - IP20 degree of protection; IP40 degree of protection after installation in a distribution box
- An additional colour indication of the position of main contacts (red: contacts closed; green: contacts open)

Types

RI 51	single-pole
RI 51N	single-pole + neutral pole
RI 52	two-pole
RI 53	three-pole
RI 53N	three-pole + neutral pole
RI 54	four-pole

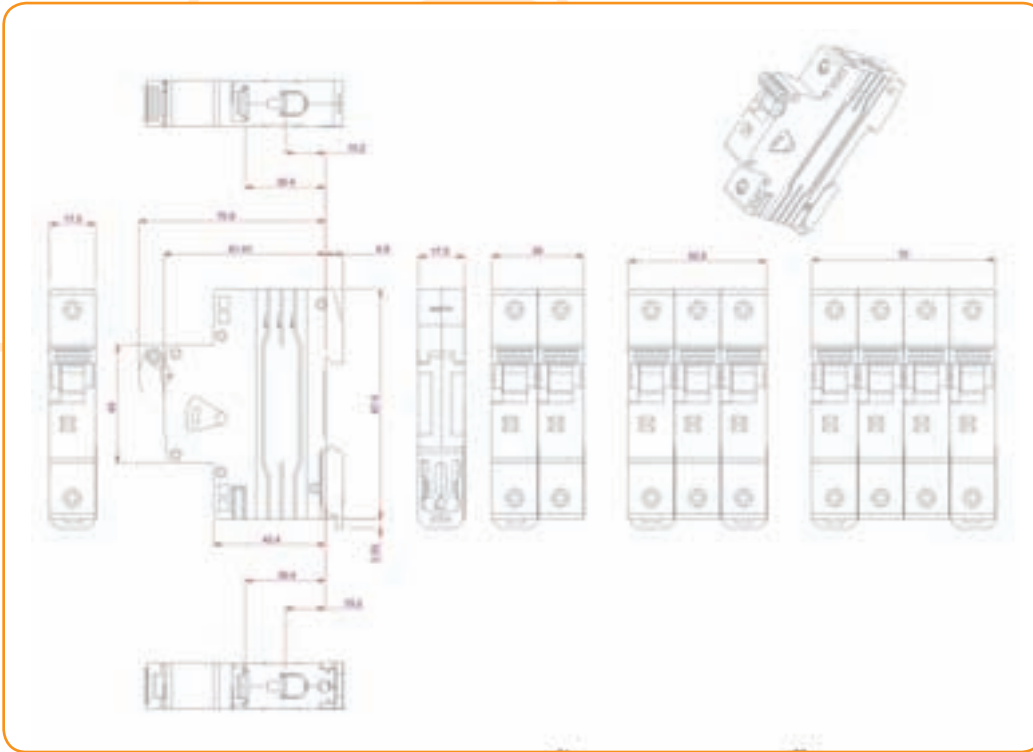
TECHNICAL DATA

Standards				IEC/EN 60898
Approvals				SEMKO, GOST-R
No. of poles				1, 2, 3, 4, 1 + N, 3 + N
Tripping characteristic (IEC/EN 60898)				B, C
Rated voltage	single pole	U_n	V	230/400 AC
	multi-pole			400 AC
Insulation voltage		U_i	V	500
Impulse withstand voltage (1,2/50 μ s)		U_{imp}	kV	4
Rated frequency		f	Hz	50/60
Rated current		I_n	A	6 – 63 (characteristic B) 0.5 – 63 (characteristic C)
Rated short-circuit capacity		I_{cn}	kA	10
Selectivity class				3
Terminal capacity		S	mm ²	up to 25
Ambient temperature			°C	-5 ... +40

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DIMENSIONS - Nova slika



TRIPPING CHARACTERISTIC

