

# SGR Series

## Residual Current Circuit Breaker

### Technical data

Standard	Confirming to EN / IEC61008-1	
Rated conditional short-circuit current, $I_{nc}$	6kA	
Protection	Ground fault	
Rated current, $I_n$	16,25,32,40,63,80,100A	
Number of poles	2(1+N),4(3+N)pole	
Rated sensitivity currents, $I_{\Delta n}$	10,30,100,300mA	
Rated residual non-operating current	0.5 X $I_{\Delta n}$	
Rated impulse withstand voltage $U_{imp}$	6000V	
Rated voltages	2pole	230VAC
	4pole	230/400VAC
Protection degree	-25°C~+40°C	
Residual current off-time at $I_{\Delta n}$	≤0.1s	
Rated residual current making & breaking capacity, $I_{\Delta m}$	500A for $I_n=16,25,32,40A$ 630A for $I_n=63,80,100A$	
Type of trip	Electro-magnetic release	
Type of terminal	Lug type and Pin type	
Terminal capacity	Cables up to 35mm <sup>2</sup>	
Protection degree	IP20	
Installation	35mm DIN rail	

