

Residual Current Circuit Breakers SD, AC, A and SI Type

SD residual current circuit breakers are suitable for used to protect against nuisance tripping due to transient overvoltages.

- Impulse withstand level 8/20 μ s:
 - AC and A classes, 250A for instantaneous, 3kA for S
 - Si type, 3kA for instantaneous, 5kA for S
- Short-circuit current withstand ($I_{DC}=I_{nc}$): 10kA with 100A fuse upstream;
- Number of operations (O-C): 20,000;
- Trip units with fixed sensitivities for all ratings:
 - Instantaneous trip unit;
 - Selective trip unit: total vertical selectivity can be achieved using 30mA residual;
 - Current devices placed downstream;
- Indication:
 - Mechanical: earth fault indication on front panel by means of a mechanical indicator;
 - Electrical: using auxiliaries;
- Remote tripping: using auxiliaries;
 - AC class: -5...+40°C
 - A class, Si type: -25...+60°C

SD Residual Current Circuit Breakers

GW 94 627

2P, 230-240VAC, AC	Sensitivity, $I_{\Delta n}$	30mA	100mA	300mA	500mA
Rated Current, In	25A	GW 94 617	GW 94 618	GW 94 619	-
	40A	GW 94 627	GW 94 628	GW 94 629	GW 94 630
	63A	GW 94 790	GW 94 791	GW 94 792	GW 94 798
	80A	GW 94 793	GW 94 794	GW 94 795	-
	100A	-	-	-	-

4P, 400-415VAC, AC	Sensitivity, $I_{\Delta n}$				
Rated Current, In	25A	GW 94 697	GW 94 698	GW 94 699	-
	40A	GW 94 707	GW 94 708	GW 94 709	GW 94 710
	63A	GW 94 757	GW 94 758	GW 94 759	GW 94 760
	80A	GW 94 761	GW 94 771	GW 94 766	-
	100A	GW 94 777	GW 94 778	GW 94 779	GW 94 780



GW 94 827

2P, 230-240VAC, A	Sensitivity, $I_{\Delta n}$				
Rated Current, In	25A	GW 94 817	GW 94 818	GW 94 819	-
	40A	GW 94 827	GW 94 828	GW 94 829	GW 94 830
	63A	GW 94 837	GW 94 838	GW 94 839	GW 94 840
	80A	GW 94 847	GW 94 848	GW 94 849	-
	100A	-	-	-	-

4P, 400-415VAC, A	Sensitivity, $I_{\Delta n}$				
Rated Current, In	25A	GW 94 877	GW 94 878	GW 94 879	-
	40A	GW 94 927	GW 94 928	GW 94 929	GW 94 930
	63A	GW 94 937	GW 94 938	GW 94 939	GW 94 940
	80A	GW 94 947	GW 94 948	GW 94 949	-
	100A	GW 94 957	GW 94 958	GW 94 959	GW 94 960

2P, 230-240VAC, SI	Sensitivity, $I_{\Delta n}$				
Rated Current, In	25A	-	-	-	-
	40A	-	-	GW 94 924	-
	63A	-	-	GW 94 934	-
	80A	-	-	GW 94 944	-
	100A	-	-	-	-

4P, 400-415VAC, SI	Sensitivity, $I_{\Delta n}$	-			
Rated Current, In	25A	-	-	-	-
	40A	-	-	GW 94 966	-
	63A	-	-	GW 94 976	-
	80A	-	-	GW 94 986	-
	100A	-	-	GW 94 996	-