



Overcurrent Protection

Reyrolle 7SG68 Argus Mini

[siemens.com/reyrolle-7sg68](https://www.siemens.com/reyrolle-7sg68)

The Reyrolle 7SG68 Argus Mini offers comprehensive overcurrent and earth fault protection in an efficient, compact package. Designed to excel in both high-voltage power distribution systems with different grounding methods and 400 V low-voltage power distribution systems while delivering essential control, measurement, and monitoring capabilities. With its space-saving design and straightforward installation process, the Reyrolle 7SG68 Argus Mini combines reliability with practical functionality, making it an excellent choice for your power distribution protection needs.

Highlights



Easy configuration with free to download app for mobile devices



Quick access: scan QR code to access information and configuration tools



Siemens Eco Tech design reduces environmental impact while maximizing performance and efficiency



Efficient, compact housing core protection in minimal space



Complete function package with optional Arc protection and temperature sensor inputs

Benefits

- Cost effective solution
- Secure and simple Bluetooth connectivity with reliable device pairing ensuring quick connections
- Manage your device and data files effortlessly from your mobile device, supporting multi languages and ability to quickly store and email data
- Download and view fault and waveform records conveniently on your mobile device, making it easy to access important data
- Front USB for powering the device during configuration and data retrieval
- Save installation time with quick fit spring wire terminations with easy panel fitting arrangement
- SCADA communication over serial RS485 with your choice of industry-standard IEC60870-5-103 or MODBUS protocols

Functions

27	Undervoltage protection
46	Negative sequence overcurrent protection
46BC	Broken conductor detection
49TS	Temperature sensor supervision
50	Instantaneous overcurrent
50AFD	Arc flash detection
50BF	Circuit-breaker failure protection
50N	Instantaneous earth fault – measured /calculated
50GI	Intermittent earth fault
50HS	High speed overcurrent
50SOTF	Switch onto fault
51	Time-delayed overcurrent
51CL	Cold load overcurrent
51N	Time delayed earth fault – measured /calculated
52	Circuit-breaker control
59	Overvoltage protection
59N	Neutral voltage displacement
74TC	Trip-circuit supervision
79	Automatic reclosing (3 shots)
81HB2	Inrush current detection block 50/51
86	Lockout

Monitoring Functions

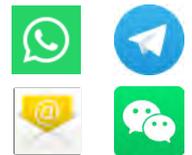
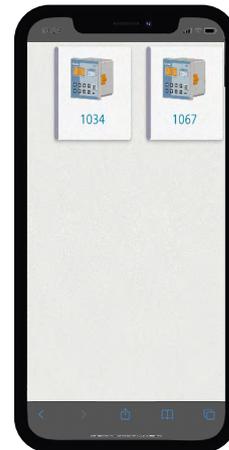
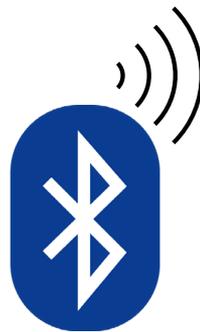
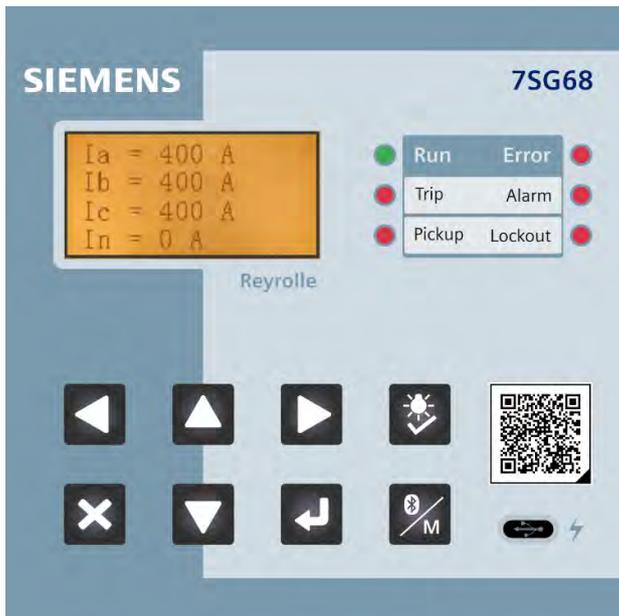
- Run measurement values U I, P, Q, cosφ, f...
- Energy metering kWh, kvarh
- Trip-circuit supervision
- Statistics of circuit breaker operation times
- Statistics of device operation days

Applications

- Extend your application with optional Arc protection and or wireless temperature receiver ports
- Optional voltage inputs

Data Storage

- Last 20 trip logs
- 500 event records
- 5 dynamic length waveform records
- Real time clock



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