



Powering Efficiency | Energizing Growth



about us.



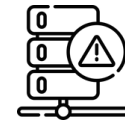
Founded in 1970, Relay Settings aimed to produce medium voltage switchgear for the mining, distribution, and industrial sectors. When its owners retired in 2018, Test a Relay gained the intellectual property, maintaining the service for clients across Africa and assuming OEM duties for Relay Settings products until April 2023.

By May 2023, Relay Settings Switchgear (Pty) Ltd (RSS) was established as an independent entity, taking over the OEM function from Test-A-Relay to manufacture the full product range and to offer continued support to existing customers. RSS expanded to include turn-key electrical sub-stations, e-houses, containerised substations, skid-mounted substations, and site installations.

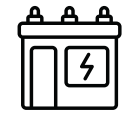
Situated within 10km from Lanseria Airport, as well as established strategic partnerships RSS is fully equipped to support the African market with the aforementioned offerings.



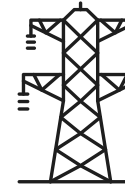
Our products include



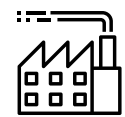
Medium voltage assemblies



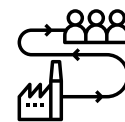
Miniature substations
and modular skids



E-house and containerised
substations



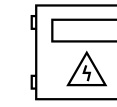
Maintenance and standby
solutions



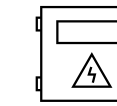
Site installations



Design engineering and
drafting assistance



Protection & control panels



Low voltage assemblies



Automation, protection,
control and instrumentation



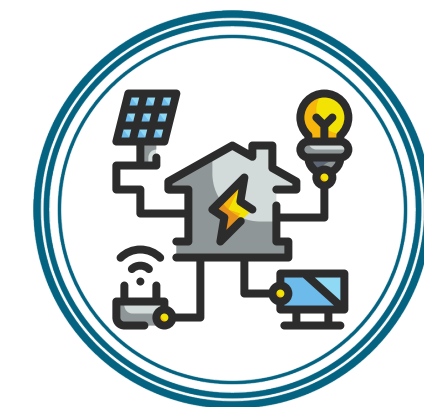
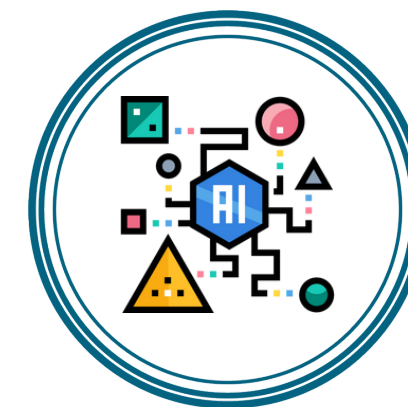
Product source and
supply



Renewable energy

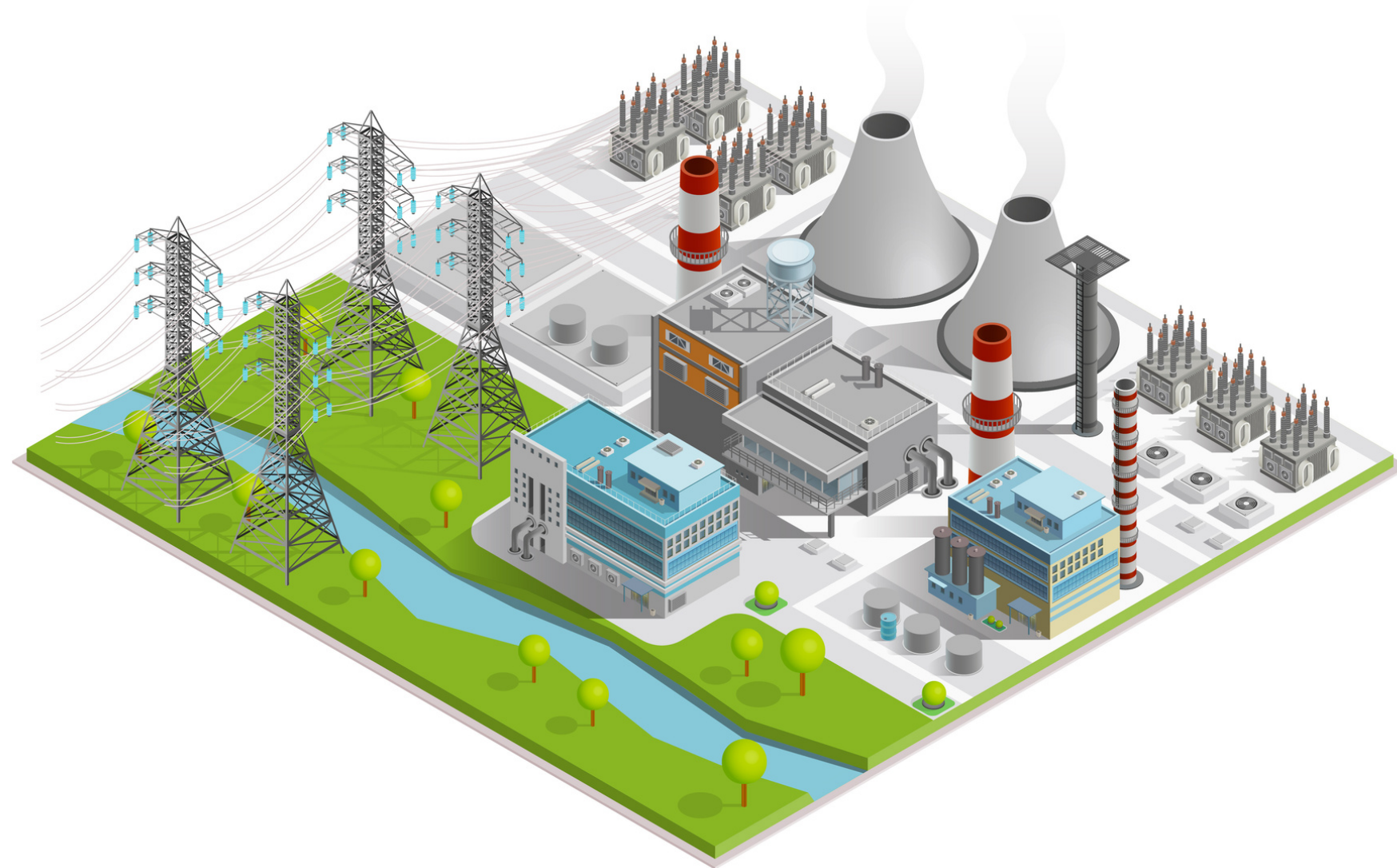


Oil and dry type
transformers



RSS | industry applications

powering efficiency, energizing growth





Low Voltage Solutions



Modular Containerised Substations



Medium Voltage Solutions - Air Insulated Single and Double Busbar



Mobile E-House Solutions



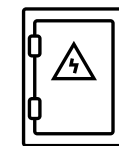
**Medium Voltage Switchgear | Low Voltage Switchgears | E-Houses
| Containerised substations | Modular Skid Solutions**

mv switchgear range

The flagship product to the RSS portfolio is the MV Switchgear range since 1970, continuously improving and modernising the existing designs as well as making them economically viable and competitive in the African market.



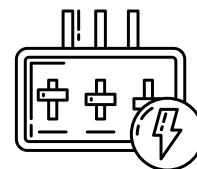
Construction, **Air Insulated Metal Clad**



Internal Arc, **Certified**



Power Frequency, **24kV**



Short Circuit (3 Sec), **25kA or 31.5kA**



12kV Double and Single Busbar arrangement, **24kV** Single Busbar Arrangement



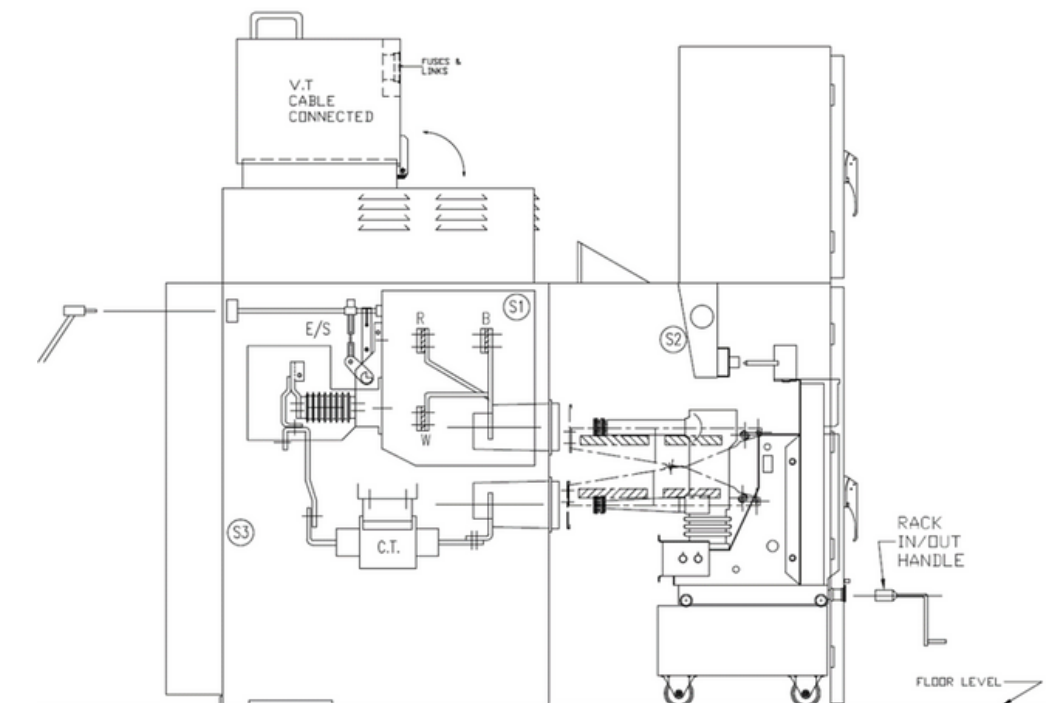
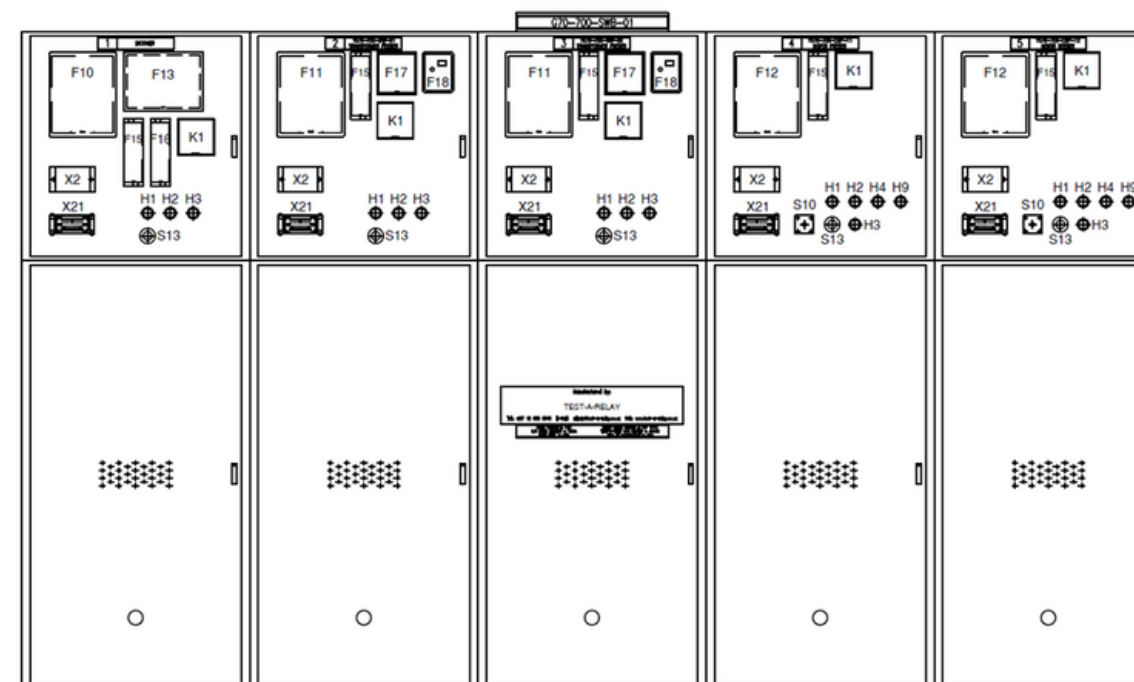
Lightning Impulse, **95 BIL**



Current Rating, **630A - 2000A**



Integral Earthing, **YES**



Protection, control & metering panels

RSS is a proud supplier of 19-inch rack mount panels meticulously engineered to provide comprehensive protection, precise control, and accurate metering for high-voltage equipment to meet our clients specifications. Our turnkey offering includes the following:



Customizable to suit specific substation requirements (e.g., 11kV, 33kV, 132kV, etc.)



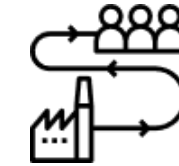
Turnkey design engineering, including philosophy, schematic packs, & logic development & programming



Various **communication interface** compatibility: IEC61850, DNP3, Modbus Etc



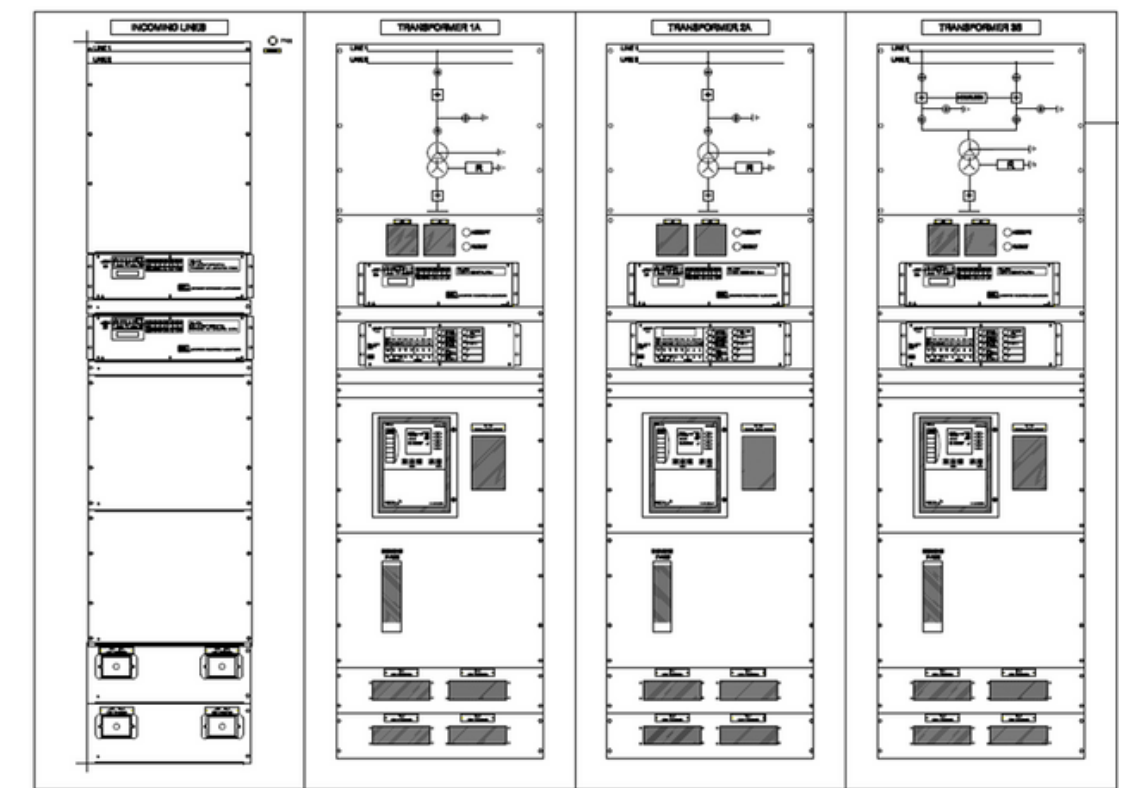
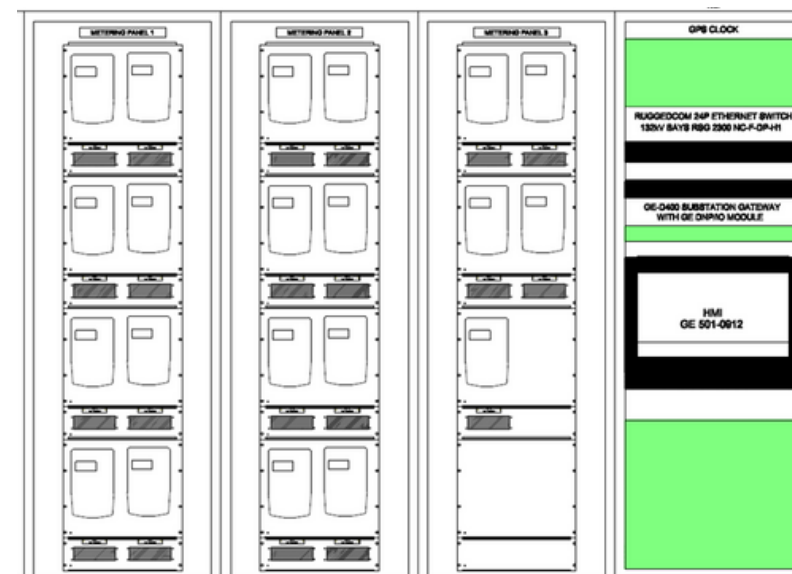
Wide supply of a variety of different **protection relays, metering & scada equipment**



Turnkey Installation, independent factory acceptance & site acceptance testing



Intelligent **control systems** enable remote and local operation of various substation components

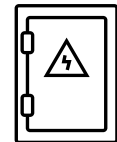


lv switchgear range

100% Locally manufactured Low Voltage Switchgear solutions. Fully type tested assemblies offering a wide range of global leading brands. Including a wide range of Variable Speed Drive and Soft Starter options. A team of highly skilled Electrical Engineers experienced Site Installation and Project Management specialists offering a turn-key solution to the African market.



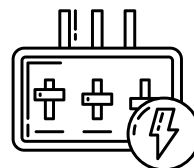
Construction, **Fully Modular Assemblies**



Internal Arc, **Certified IEC 61641**



Power Frequency, **230V, 400V, 550V, 690V**



Tested up to 7000A, **100kA/1sec 65kA/3sec**



Marine and Offshore, **Certified**



Experienced on site support and maintenance teams



Assemblies, **Fixed, Plug-in, Fully Withdrawable.**



Compatible with **All** major brands of **switchgear.**



Vibration and Seismic Certified, **YES**



Environmentally safe, **YES**



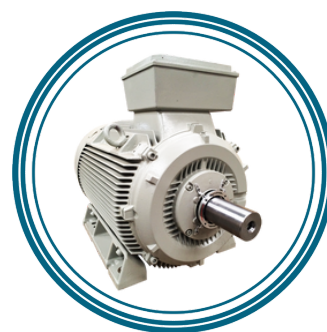


**Power Generation | Transformers | Site installations | Motors | Drives |
Automation | Instrumentation | Software**



**Automation and
Instrumentation
Management
Systems**

**VSD & Electrical Motor
Supply**



**Site installations and
Power Cable Supply**



**Transformers
Type**

RSS | industry **benefits.**



Service Delivery

RSS has cultivated a culture centered on enhancing customer experiences and ensuring exceptional service delivery in conjunction with our product offerings



Experienced Team

By employing the expertise of seasoned professionals and forging strategic alliances, RSS guarantees robust engineered solutions and products designed to surpass customer expectations.



Customization Expertise

Providing tailored solutions that align with specific customer requirements, allowing them to optimize their electrical distribution systems effectively.



Consultative Approach

Providing consultancy services to assist customers in selecting the right switchgear solutions based on their operational needs, budget constraints, and long-term goals.



Warranty and Service Agreements

Offering product warranties and service agreements to ensure long-term reliability and support, building trust and loyalty with customers.



Technical Training and Workshops

Conducting training sessions and workshops to educate customers about the latest advancements in switchgear technology, empowering them to make informed decisions.



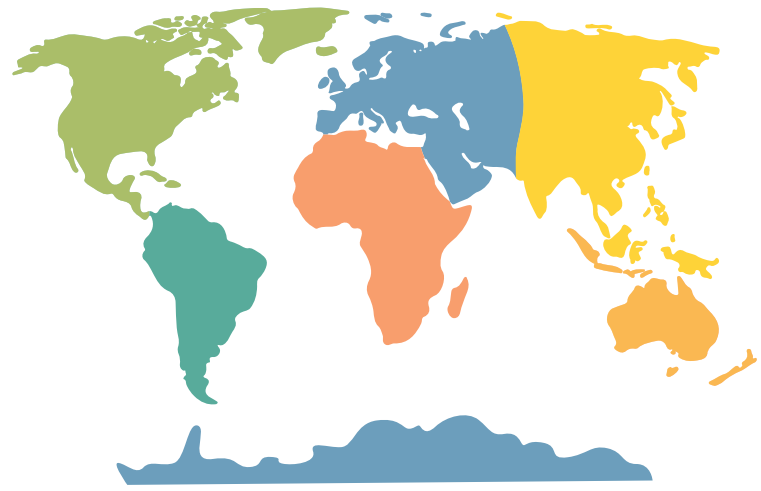
Emergency Response & Support Services

Leveraging strategic partnerships with well established service-based businesses throughout Africa. RSS can provide product support throughout Africa.



strategic partnerships





RSS Install Base





thank you.

Contact us.

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Address – Unit 5, Simela Street, Limeroc Busines Park,
Knoppieslaagte, Centurion

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