

SF6 GAS INSULATED RING MAIN UNITS(RMU)



GENERAL INFORMATION

In an electrical power distribution system, a ring main unit (RMU) is a factory-assembled, metal-enclosed set of switchgear used at the load connection points of a ring-type distribution network. It includes in one unit two switches that can connect the load to either or both main conductors, and a fusible switch or circuit breaker and switch that feed a distribution transformer. The metal-enclosed unit connects to the transformer either through a bus throat of standardized dimensions, or else through cables and is usually installed outdoors.

TECHNICAL DATA

Rated Voltage (kV): Up to 38.5kV*

Rated Main Bus Current (A): Up to 2500A

Rated Main Feeder Current (A): Up to 2500A

Short Time Rated Withstand Current: 25kA - 1sec

Product Standard: IEC 62271-200

* 38.5kV Power Range can product according to the customers request.

** SF6 Gas Insulated Ring Main Units can product with SF6 Gas Insulated or Vacuum Insulated Circuit Breakers according to the customer's request.

APPLICATION

- Public Distribution
- Infrastructures
- Industrial (Small Industries etc.)
- Wind Power Plants
- Solar Power Plants
- Compact Secondary Substations
- Hotels, Office Buildings, Residential Housing Complex, Shopping Centers, Business Centers, Hospitals, Airports etc.

ADVANTAGES

- Less Maintenance
- High Safety
- Feature-Rich Compact Designs
- Less Space Occupy
- Smart Capabilities



Compact(Non-Extensible) Type RMU

Compact models are standardized packages, built by taking the most common configurations used in worldwide applications into consideration. These units with very compact dimensions combine all medium voltage functional system units like disconnector switches, load break switches and circuit breakers to enable supply, connection and protection of line feeders and transformers on a network.



Modular(Extensible)Type RMU

Extensible models offer more flexibility to the customer, giving the opportunity to add new panels to the package as their facility requires in time. These units with very compact dimensions combine all medium voltage functional system units like disconnector switches, load break switches and circuit breakers to enable supply, connection and protection of line feeders and transformers on a network.

