

# MV GAS INSULATED SWITCHGEAR 24KV/36KV - ANTARES



**Compact and extendable compact Gas insulated switchgear (GIS) - ANTARES device with SF6 insulation and resistant to the environment (IP67) for secondary underground distribution applications of up to 36 kV.**

## Main characteristics

ANTARES fully Gas Insulated Switchgear (GIS), one-piece extendable and one-piece medium voltage distribution unit cover 24 kV and 36 kV medium voltage networks. A permanently sealed enclosure, filled with SF6, contains the entire device and busbars in a compact unit. This distribution units has the option of being extended, and it includes one of our functions: switch and/or fuse-switch, either separate or combined.

Gas insulated switchgear (GIS) provides the connection between the Medium Voltage power network's underground cables and the board's busbars on single bypass networks, lead-through networks and double bypass networks. It allows a Medium Voltage/Low Voltage substation transformer to be powered and protected by fuses.

- 400 A or 630A three-core busbar extendable to the right, left or both
- Three-position switch/disconnectors, with cut-off in SF6
- Rated voltage: 24 kV or 36kV
- Rated current: 400 A or 630 A
- Protection rating: IP 67 for MV

## Advantages

- Compact board due to Gas Insulated Switchgear technology
- Plain and animated function (real time function position)
- Guaranteed safety with a 3-position switch-disconnector
- Patented breaker technology with reduced arc time
- Permanently sealed manual or remote controlled SF6 device
- Full range of single-line options up to 4 units
- Maintenance free, increased service continuity and reliability
- Improved safety through optimised internal arc management

## Uses

- Public distribution

- Private distribution requiring a Medium Voltage connection
- Manufacturing, tertiary and residential
- Decentralised energy production
- Transport, infrastructures
- Household waste and water treatment
- Healthcare institutions, museums and shopping centres
- Schools, universities and prisons

