

AIR INSULATED MEDIUM VOLTAGE SWITCHGEAR 12 TO 36 KV - GRANY



Full range of air insulated switchgear modular distribution units of up to 36 kV in a metal enclosure, equipped with a breaker, switcher, disconnecter and fuses.

Main characteristics

Grany modular medium voltage distribution units with insulated connections in air and cut-off in SF6 gas, with a metal enclosure, cover all medium voltage (MV) networks ranging from 12 to 36 kV. The units can be motorised and may optionally be equipped for the remote control of facilities, even at a future time.

Main characteristics, which can easily be adapted to your specific needs:

- Rated voltage: 12 to 36 kV
- Rotated 3-position switch-disconnector cut-off in the SF6 gas
- Many single-line options available
- Tumbler mechanism: switch incoming unit and related fuse switch
- Hanging mechanism: combined fuse and switch units
- Manual or motorised controls
- Disconnectable switch using vacuum circuit breaker technology
- MV metering using many measurement possibilities (TC and TT)
- Nominal current of 400 and 630 A
- Short circuit current of up to 20 kA
- Internal arc resistance

Advantages

- Board capacity (width: 24kV 375 mm, 36kV 500 mm)
- 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
- Increased service continuity and reliability
- Increased safety through optimised internal arc management

Uses

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

