

JesgearTM 24kV

ENEL Standard. IMESA Engineering.
Energy that connects.
Cabins approved for 24 kV
primary distribution.



Our **JesGearTM 24kV** switchgear complies with the new **ENEL GSCM009** specification, and concerns air-insulated medium-voltage compartments with withdrawable circuit breakers for Enel Distribuzione Group's HV/MV substations. These switchgear can be used not only in Italy, Romania, and Spain, but also in South American countries such as Argentina, Brazil, Chile, Colombia, and Peru. This equipment is intended **for installation in primary cabin substations for indoor use only.**



Main characteristics

The compartments fall within the LSC2B configuration with metal compartmentation made of **galvanized sheet metal and stainless steel parts**; the front and rear parts (hinged doors and bolted panels) are made of **pickled sheet metal** with a RAL 7035 painted finish.

The number and type of compartments provided depends on the **type of substation**, the choice between the various types listed below:

- Line/Auxiliary services functional unit switchgear
- Active line functional unit switchgear
- Neutral maker transformer functional unit switchgear
- Capacitor bank functional unit switchgear
- Transformer functional unit switchgear
- Longitudinal Bus Bar-tie with riser functional unit
- Transversal Bus Bar-tie functional unit switchgear
- Bus Bar measures functional unit switchgear

Electrical Features

Description	Unit	Value
Rated voltage	kV	24
Rated insulation voltage	kV	24
Power frequency withstand voltage	kV (1 min)	50
Lightning impulse withstand voltage	kV	125
Rated frequency	Hz	50-60
Rated short-time withstand current	kA (1s)	25
Peak withstand current	kA	65
Internal arc withstand current	kA (1s)	25
Rated current of the main busbars	A	2500
IAC classification		AFLR
Service continuity category		LSC2B

Drawings

The overall dimension drawings and the various views are shown in the drawings below, and the depth of all the different types of compartments is 2000 mm.

