



Jesair



Clean energy, without compromise
The SF₆-free medium voltage
switchgear by Imesa

JesAir

JesAir is the new air-insulated medium voltage switchboard developed by IMESA, a completely **SF₆-free** solution that combines **reliability, safety and sustainability**. Designed to comply with **EU Regulation 2024/573**, JesAir eliminates the use of fluorinated greenhouse gases, offering an environmentally friendly alternative that complies with European regulations.

Thanks to air technology and vacuum circuit breakers, it ensures **high performance, simplified maintenance, and reduced environmental impact**. JesAir is the natural choice for those who look to the future of energy with responsibility and innovation.

Electrical and construction characteristics

Standard Reference	-	CEI EN 62271-200
Rated Voltage	Ur [kV]	24
Rated Frequency	Fr [Hz]	50
Rated Power-Frequency Withstand Voltageat 50Hz	Ud [kV]	50
Rated lightning impulse withstand vlt (1.2/50 μs)	Up [kV]	125
Rated thermal current of ma in busbars	Ir [A]	630 / 800
Rated short-time withstand current	Ik [kA/s]	16/1 or 20/1
Internal arc classification	IAC	Optional
Type of accessibility	AFLR	Optional
Arc fault current / Duration	I _A /t _A [kA/s]	16/1 or 20/1
External Degree of protection	IP	IP3X Excluding operation locations
Internal Degree of protection	IP	IP2X
Mechanical impact resistance	IK	10
AC auxiliary supply voltage	Vaux [V]	220 Vca
DC auxiliary supply voltage	Vaux [V]	110 Vcc
Minimum operating temperature	[°C]	-5
Maximum operating temperature	[°C]	40
Paint colour point	-	RAL 7035

Gas-Free Schemes

