

# GEIS



## SecoGear P/V Medium Voltage Switchgear

SecoGear series P/V switchgear is a model of compact air insulated switchgear of innovative design for industry-leading safety, reliability, performance and sustainability performance. It has been certified by authoritative institutions such as KEMA, IPH, TUV Rhineland, etc. SecoGear P/V switchgear can control and protect cables, transformers, capacitors, electric motors, and other common industrial equipment. SecoGear P/V is designed to be competent in a number of application fields including all medium voltage electric power switching, control and protection.



GEIS Electric

# SecoGear P/V Medium Voltage Switchgear

- Indoor AC metal enclosed switchgear for high-voltage/medium-voltage and medium-voltage/medium-voltage transformer station
- Air insulated switchgear of compact design
- Safe and reliable indoor general-purpose switchgear.
- Equipped with the latest SecoVac VB2 Plus series embedded pole vacuum circuit breaker
- Adequately spacious cable compartment for convenient cable connection
- Up to IAC AFLR 31.5kA/1s, 40kA/1s, 50kA/1s
- Tested to be compliant with applicable IEC standards
- Full interlocking system for prevention of mis-operation and improved safety

## Key Technical Parameters

Specifications:	Unit						
Rated voltage	kV	7.2	12	17.5	24	27	40.5
Rated power frequency withstand voltage(1min)	kV	20	28	38	50	60	95
Rated lightning impulse withstand voltage (peak)	kV	60	75	95	125	125	185
Rated frequency	Hz	50 or 60			50 or 60		50 or 60
Rated current (Main busbar)	A	630, 1250, 1600, 2000, 2500, 3150, 4000, 5000			630, 1250, 1600, 2000, 2500, 3150		630, 1250, 1600, 2000, 2500, 3150
Rated short time withstand current (3s)	kA	25, 31.5, 40, 50			25, 31.5		25, 31.5
Rated peak withstand current	kA	65, 82, 104, 130			65, 82		65, 82
IP rating	Enclosure	IP4X			IP4X		IP4X
	Between compaetments	IP2X			IP2X		IP2X
Internal arcing grade		40kA/1s(50kA/1s)			31.5kA/1s		31.5kA/1s