

Aegis^{Plus}

SF6 insulated with vacuum circuit breaker or fuse switch protection

Front cable termination, SF6 insulated RMU with up to 5 switching functions in a single stainless steel enclosure

Characteristics

- ✓ 12, 17.5 and 24 kV with up to 630 A ratings
- ✓ Extensible and non extensible range with a wide choice of configurations
- ✓ Any combination of load break switches, vacuum circuit breakers or fuse switch available
- ✓ No on-site SF6 gas handling for installation
- ✓ AF, AFL and AFLR internal arc protection
- ✓ Intuitive single line mimic diagram
- ✓ Horizontal cable terminations with DIN 400 Type C bushings
- ✓ Front access earth and test facility
- ✓ Integrated motorisation for remote control operation
- ✓ Vacuum circuit breaker protection with relays or TLF and fuse switch protection for transformers
- ✓ Suitable for Indoor (IP41) and outdoor (IP54) applications
- ✓ Integrated Gemini 3 RTU for easy SCADA connection, with optional automatic transfer scheme (ATS)
- ✓ Fully interlocked, anti-reflex mechanisms with padlocks
- ✓ Maintenance free with 30 years life expectancy

Technical Data				
Rated voltage	kV	12	17.5	24
Rated current: ring switch	A	630	630	630
Rated current: vacuum circuit breaker	A	250 / 630	250 / 630	250 / 630
Fuse Switch	A	200	200	200
Impulse withstand voltage	kV	75 / 85	95 / 110	125 / 145
Power frequency withstand voltage	kV	28 / 32	38 / 45	50 / 60
Short time withstand current	kA 3s	21	21	21
Short circuit making current	kA	52.5	54.6	52.5
Short circuit breaking current	kA		21	
Internal arc rating	kA 1s		21	



Range	Extensibility							
	Extensible					Non- extensible		
Configuration	1 - Way	2 - Way	3 - Way	4 - Way	5 - Way	3 - Way	4 - Way	5 - Way
Load break switch and / or 250 A circuit breaker	✓	✓	✓	✓	✓	✓	✓	✓
Load break switch and / or 630 A circuit breaker	✓	✓	✓	✓	✓	✓	✓	✓