

AF-6+

Compact SF6 gas insulated Ring Main Unit

AF-6+ : our most compact substation for exterior use.

Safe & easy to use.

UNIVERSAL APPLICATION:

Fully compatible with IEC standards

SAFETY FIRST

- Integrated arc-killer on incomers and feeders
- Short-circuit indicators on incomers
- Compact three-position load break switch
- Entire design earthed and touch-proof

ROBUST

- Concrete cable cellar
- Medium voltage cables pre-mounted and factory tested

FUNCTIONAL

- Switching operation on the top
- Easy servicing
- Manual / Remote control operation
- Straightforward synoptic diagram
- Cable test plugs for dielectric cable testing

COMPACT

- Monobloc concept, SF6 gas insulated
- Compact three-position load break switch



SGC

SwitchGear Company

THE SPECIALIST IN MEDIUM VOLTAGE SWITCHGEAR

www.switchgearcompany.eu - info@switchgearcompany.eu



AF-6+ | Technical specifications

	Unit	Ratings	
		Fuse-switch combination	Load Break Switch
Rated Voltage	kV	12/17,5	12/17,5
Rated frequency	Hz	50/60	50/60
Rated Power Frequency Withstand Voltage (Ud)			
To-earth phases	kV	38	38
Over insulation distance	kV	45	45
Rated lighting impulse withstand voltage (Up)			
To earth and between phases	kV	95	95
Across isolation distance	kV	110	110
Rated normal current (I _r)	A	630	630
Rated short-time withstand current (I _{tk})	kA	25	20
Rated short-circuit making current (I _{ma})	kA	63	50



SGC stands for:

- Optimal safety
- User friendly, IEC certified products, built to last
- Modern technology & ergonomic, eco-friendly production processes.
- Made-to-measure & optionally customer labeled.



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SGC nv SwitchGear Company.
Medium voltage switchgear, built to last.

SGC nv SwitchGear Company has been supplying reliable products for electrical distribution for more than 35 years. Innovative ideas and environmental care are the driving forces behind SGC nv SwitchGear Company. The development of complete solutions consists of a minimum number of components, all of which have an exceptional life span. SGC nv SwitchGear Company stands for exceptional quality and superior customer care. Your desired specifications and deadlines are our main concern. An exclusive factory and highly automated production lines are key factors in our "state of the art" components and systems. It enables us to develop the DF-2, DR-6/DT-6, DF-3, DI-2, SI-2 and DW-2 to the highest quality standards. When it comes to delivery times, prices and products SGC nv SwitchGear Company delivers.

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