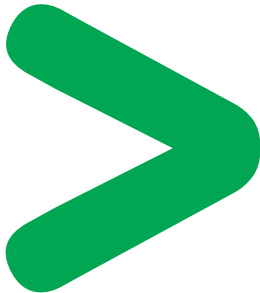


# Safety and reliability in any environment

## Flusarc

Medium Voltage, gas-insulated switchgear rated up to 36 kV



Electrical energy



Oil & Gas



Wind energy



Mining



Industry



Railways



Peace of mind for your  
electrical installation



# Flusarc fits your needs

Flusarc™ is an SF<sub>6</sub>-insulated switchgear rated to 36 kV, designed to protect and configure your underground MV network. Sturdy and long-lasting with very low operating costs, Flusarc is an excellent choice for any location, including those with limited space or harsh environmental conditions.

## Key benefits

### Easy to install and operate

- > Can be delivered ready to connect
- > Reduced dimensions make installation simple
- > All operator interaction takes place on front side of cubicle
- > Mimic diagram clearly indicates switch position

### Versatile

- > Compact version suited to applications in tight spaces, such as wind towers
- > Extensibility version easily able to evolve with network
- > Wide range of functions allows Flusarc to meet all type of network requirements

### Low operating cost

- > Minimal maintenance required
- > Cable testing can be done without interruption of service
- > Reliable, tested technology ensures decades of operation

### Highly reliable

- > Circuit breaker vacuum-interruption technology guarantees high performance and reliability
- > Impervious to tough environmental conditions
- > Flood proof

### Safe

- > IAC AFL tested to 16/20 kA/1 s
- > IEC compliant
- > Mechanical interlocks ensure fool-proof operation
- > Carefully placed overpressure valves eliminate risk to operator
- > Fuse replacement possible only when both sides are earthed
- > Whole cubicle earthed

Up to  
**30**  
years

of maintenance-free  
operation



Safety

+



Service continuity

=

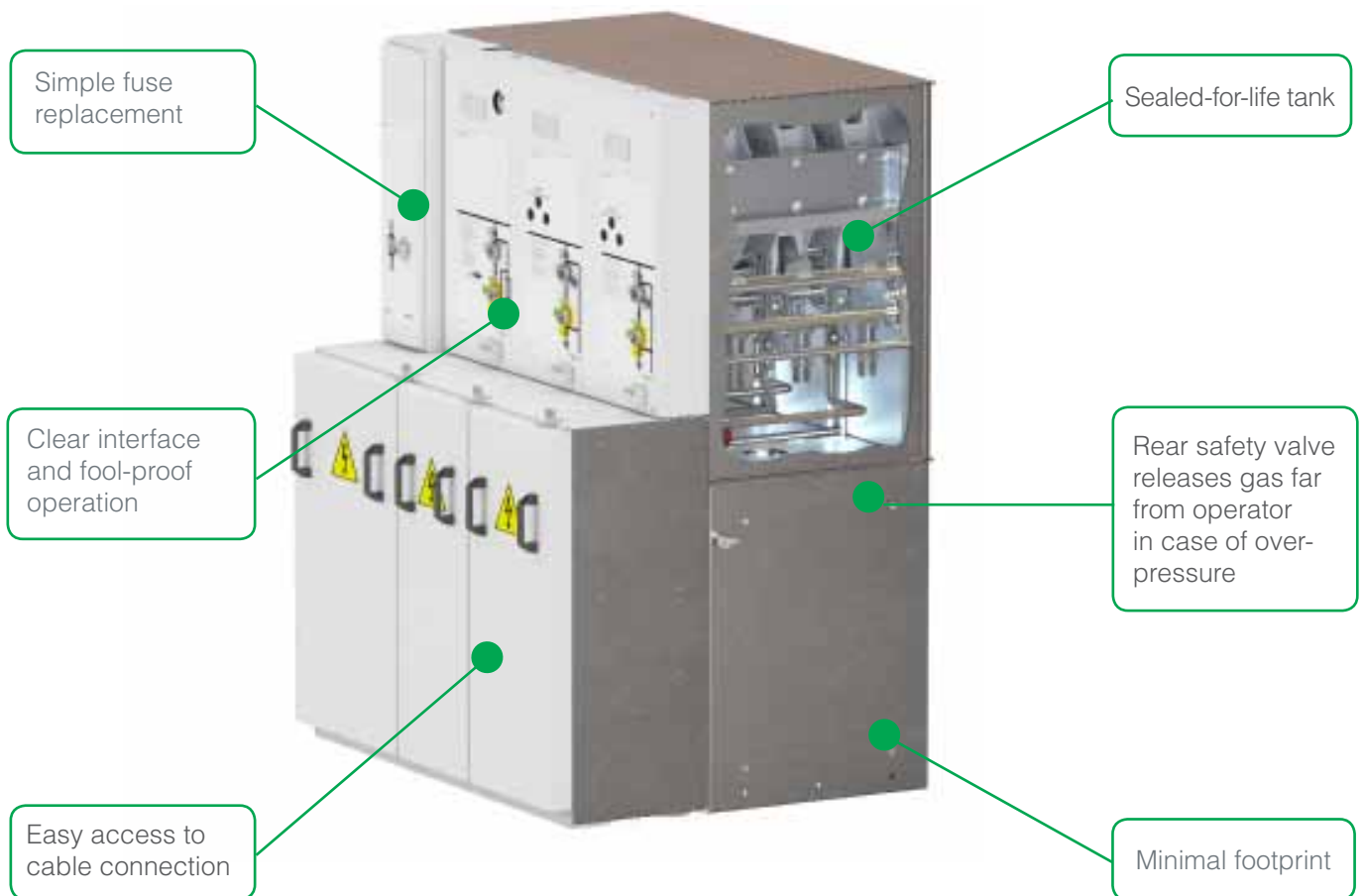


Attractive total  
cost of ownership

Flexibility, reliability, and  
safety in all environments

# Flusarc is designed for excellence

Flusarc switchgear are designed to safeguard your MV network or installation for decades, ensuring the maximum power availability possible. The technology is field-proven and operator-safe, so you get the best return on your investment.



## Technical Characteristics

<b>Rated voltage</b>	<b>36 kV</b>
Rated withstand voltage lightning impulse to earth and between poles	to 170 kVp
Rated withstand voltage at 50 Hz 1 mn to earth and between poles	70 kV rms
Short time current value (1 s)	16/20/25 kA rms
Rated current	630 A
Busbar rated current	630/1 250* A
IAC according to IEC 62271-200	16/20 kA/1s

\* with external busbar solution

# Powerful versatility for your MV network

Flusarc is flexible enough to answer all your electrical distribution needs.

Two easy-to-install versions are available, each with a comprehensive range of functions, allowing Flusarc to serve practically any network or installation, anywhere.

The compact version is designed to have a minimal footprint, allowing it to fit where other switchgear cannot.

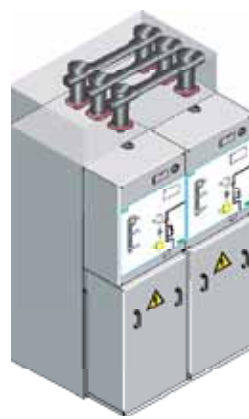
The extensible version, meanwhile, is highly modular and built to evolve along with the rest of your MV network.

This incredible flexibility means that Flusarc is the right choice for any application, from secondary public distribution and infrastructure to industry and renewable energy.

Whether as a ring main unit or a switchboard, Flusarc ensures safe, reliable power, and peace of mind for your electrical installation.



IP54-rated external structure for outdoor installation



Extensible from the top (busbars)



or laterally (cables)

**15**  
years  
of field-proven  
experience



## Approximate dimensions and weights for selected configurations

Version	Function	Number of functional units	Height (mm)*	Depth (mm)	Width (mm)	Weight (kg)
Compact	T1-C	2	1 720	1 072	926	410/455 (**)
	T1-C-C	3	1 720	1 072	1 276	430/475 (**)
	T1-C-C-C	4	1 720	1 072	1 626	510/555 (**)
	T1-T1-C-C	4	1 720	1 072	1 839	580/625 (**)
Modular	C	1	1 720	1 072	500	200/245
	T1	1	1 720	1 072	580	250
	R	1	1 720	1 072	500	185 (**)
	RE	1	1 720	1 072	500	190 (**)
	CB	1	1 720	1 072	550	256/296 (**)

(\*) without busbars or bushings for extension | (\*\*) with motorized operating mechanism

### Legend

**C:** Feeder with switch-disconnector, **CB:** Feeder with vacuum circuit breaker

**R:** Direct incoming, **RE:** Direct incoming with earthing switch, **T1:** Feeder with switch-disconnector and fuse holder

## Optional accessories

A number of optional accessories are available for Flusarc. These further improve the safety of your electrical installation and give you greater visibility into its performance.



Easergy™ T200 I  
remote control  
unit



Easergy Flair  
fault passage  
indicator



VPIS  
voltage presence  
indicator



VIP  
self-powered  
protection relay



SEPAM 20  
auxiliary powered  
protection relay



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**Make the most of your energy<sup>SM</sup>**

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