



## Buildings

Improve peace of mind with reliable Premset MV switchgear

Because business relies on the availability of electricity, buildings need their medium voltage distribution systems not only to be reliable, but also to be energy efficient, durable, and able to adapt to changing business needs.

But the operators of these systems require more. Peace of mind is paramount, and can only be achieved with maintenance-optimized switchgear that helps ensure the safety of both people and assets. Switchgear that enables monitoring and lowers the total cost of ownership is critical.

### Premset architecture: Innovation for MV distribution

By combining proven technologies with a modular architecture, Premset™ MV switchgear represents a breakthrough innovation in MV distribution. Additionally, its compact and easily upgradeable design optimizes costs through:

- Extended life whatever the condition of the environment and installation
- Flexible, simple and smart
- Compact size
- Optimized maintenance

The 3-in-1 architecture means its operation is not only intuitive — it's the safest switchgear in its class. And, due to an innovative design, end-of-life is made easier with fewer labour and administrative considerations.



**Premset 17.5 kV**  
Compact modular vacuum switchgear



## Because business depends on reliable power

Premset switchgear helps ensure the availability of energy

Every aspect of the Premset system is designed to bring you enhanced peace of mind. Even in severe environments — those with high levels of dust, humidity, or pollution — maintenance and servicing operations are optimized. Its 'plug and play' design also improves functionality, allowing for on-site additions that do not require any special training, tools, or adjustments.



## Distributed intelligence, built-in reliability

Advanced power management, control, and smart-grid functionality

Premset switchgear combines the benefits of several proven technologies to bring enhanced protection, monitoring, and control to any building's power network.

The innovative Shielded Solid Insulation System (2SIS) brings added robustness to the already flexible design, while the intuitive 3-in-1 architecture helps ensure simple and user-friendly operation.

### An intelligent solution

With innovative monitoring and control, Premset architecture enhances any installation with such features as:

- Built-in and self-powered advanced overcurrent protection
- Integrated communication, local intelligence, and the ability to read LV smart meters at the building level
- Power measurement embedded in feeders

### Stress-free installation, upgrading, and maintenance

All this adds up to a switchgear that is dedicated to reducing your total cost of ownership (TCO) through an extended life and improved functionality during the lifetime of its operation.

### Technical characteristics

Rated voltage	7,2 kV	12 kV	17.5 kV
Rated current	up to 1250 A		
Maximum short-time withstand	20 kA 4s	21 kA 3s	25 kA 3s
Rated BIL withstand voltage	95/110 kV		
Rated PF withstand voltage	42/48 kV 1 mn		
Dimensions W x H x D	375*x1550 x1135		
Internal arc withstand	A-FLR 21 kA 1s or 25 kA 1s**		

\* 750: 1250A switch, circuit breaker

\*\*Please consult us for availability



**Learn more about innovative Premset switchgear!**

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download our **FREE** Premset brochure today!