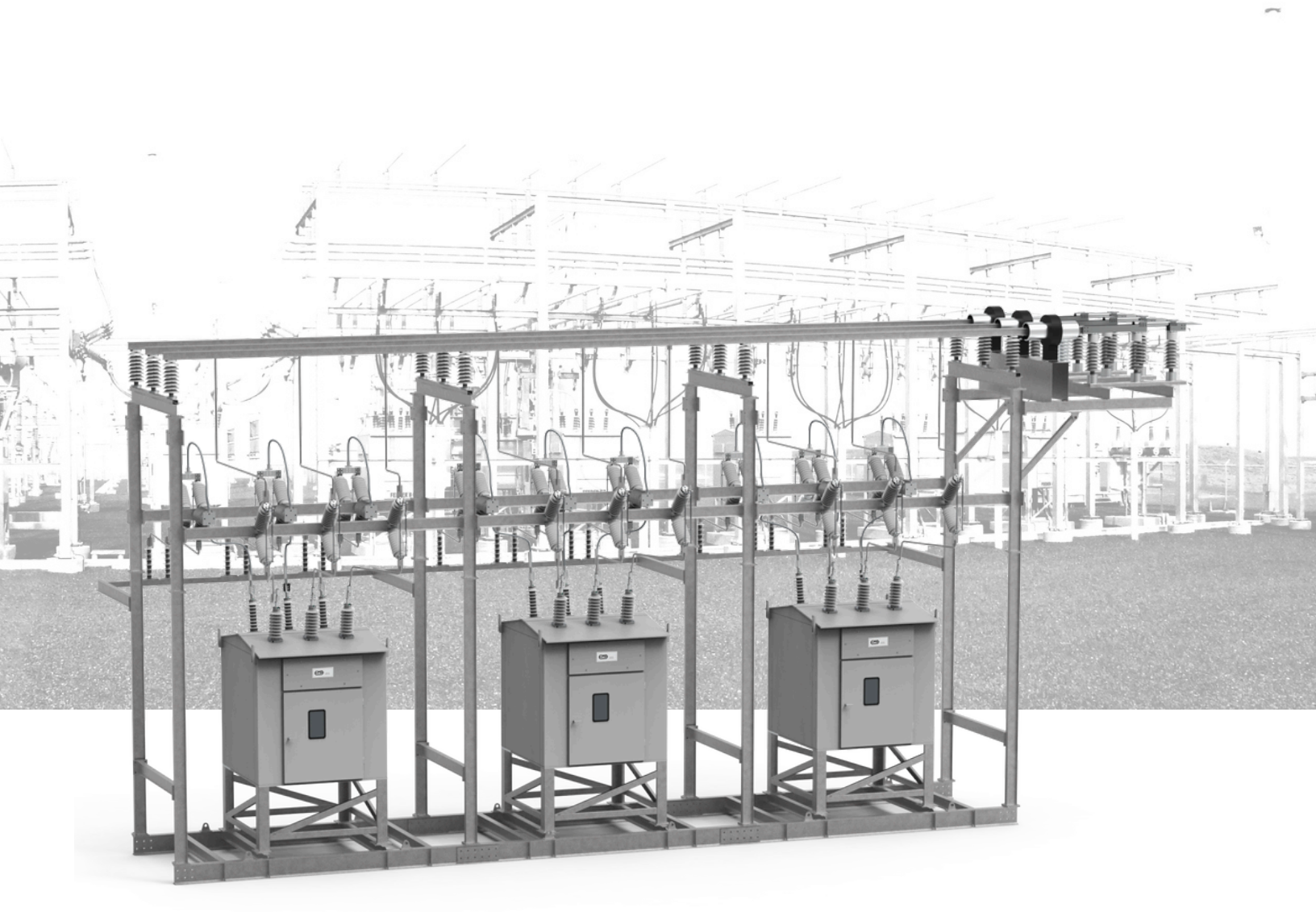

BREAKER SKID

Packed VDH or VDH/GSMI® Breaker Substation

EMA ELECTRO MECHANICS

ISO 9001:2015

Breaker SKID Characteristics

The EMA Breaker Skid is a ready-to-install solution designed for fast and reliable substation deployment. Built on our proven “dog house” breaker design (VDH) or combined with a high-speed grounding switch (VDH/GSMI®), each steel skid is fully engineered to customer specifications and can house up to three breakers along with other substation elements.

Compact and easily transportable, the skid can be installed in both remote and urban locations, serving either as a temporary backup or as a permanent installation for wind and solar farms, data centers, utilities, and many other applications.

Rated maximum voltage	Rated continuous current	Rated symmetrical interrupting capability
kV	A	kA
38	3000	40

*per breaker

Benefits

- **Fast deployment:** Reduces project lead time compared to traditional substation construction, as the skid is fully assembled off-site and ready for installation as soon as permits are granted
- **Reduced footprint:** Steel skid solution optimizes space usage
- **Flexibility in use:** Can serve as a temporary backup solution or as a permanent installation, adapting to evolving project needs.
- **Enhanced protection:** With the VDH/GSMI, transient voltage peaks are minimized, improving safety and reliability
- **Cost savings:** reduced equipment costs as substation designed and civil work are minimized
- **Minimal maintenance:** Vacuum breaker technology ensures a long service life with low operating costs
- **Scalable design:** The modular concept makes it easy to expand capacity — simply add another skid module to adapt to future project needs

Componentes

- Vacuum Circuit Breakers (VDH Series) standard or combined with Grounding Switch (VDH/GSMI®)
- Bus Bar
- Switch disconnectors
- Voltage transformers
- Other components may be added upon request

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