ENERGYLINE BB FLEX
TRANSFORMER SUBSTATION

Our walk-in transformer substations combine innovation, environmental responsibility and efficiency. Thanks to their well-engineered design, flexible equipment options and high-quality materials, they provide a future-proof solution for your energy infrastructure. Whether you require customised equipment or comprehensive intelligent monitoring and control, we adapt to your requirements.



MADE IN AUSTRIA

CUSTOM-DESIGNED, PRECISELY IMPLEMENTED

www.sks-elektro.at

Illustration only

ENERGYLINE BB FLEX

TRANSFORMER SUBSTATION

THE FUTURE OF TRANSFORMER SUBSTATIONS STARTS NOW

SKS offers either factory-assembled substations with internal arc testing in accordance with DIN EN 62271-202 or transformer substations designed in accordance with DIN EN 61936-1..

At SKS, flexibility is a top priority. By dividing the transformer substation into a switchgear room and an associated transformer room, we are breaking new ground. This design allows multiple transformer rooms to be connected to a single switchgear room, making the SKS EnergyLine BB Flex transformer substation future-proof and expandable at any time. The substations can be configured with standard medium-voltage switchgear types to meet customer requirements. All configurations commonly available on the market are possible.

VOLTAGE LEVEL: 10, 20 OR 30 KV	SF6 FREE	AIR-INSULATED AND/ OR GAS-INSULATED	COMPLIANT WITH EN IEC 62271 AND APPLICABLE STANDARDS

The SKS Elektroanlagenbau transformer substation also offers outstanding flexibility in its low-voltage system. Current ratings of up to 7,000 A and various expansion stages are available.
The comprehensive portfolio of substation accessories, options and equipment completes the package.

Available variants:

- SMARTGRID Standard
- SMARTGRID Expert
- SMARTGRID Standard including visualisation
- SMARTGRID Expert including visualisation

Equip the transformer substation for your smart energy future (details available on request).

01. Switchgear room
02. Transformer room
03. Grey exposed-concrete facade or custom finish
04. Aluminium entrance doors, clear-anodised or painted to customer requirements. Free ventilation area of up to 45%
05. Cable entries: quantity, size and position according to customer specifications
06. Earthing system in accordance with DIN EN 62561-1
07. Raised access floor with an aluminium frame and durable, slip-resistant, moisture-resistant panels.
08. Concrete quality: reinforced concrete C40/50/B3; fire resistance class REI 90 (standard) in accordance with SN EN 13501-2; verified oil-tightness of the basement beneath the transformer
09. Optional white water-based interior coating
10. Standard loads up to 1,000 m altitude: snow 500 kg/m² (ground), 400 kg/m² (roof); wind up to 30 m/s.

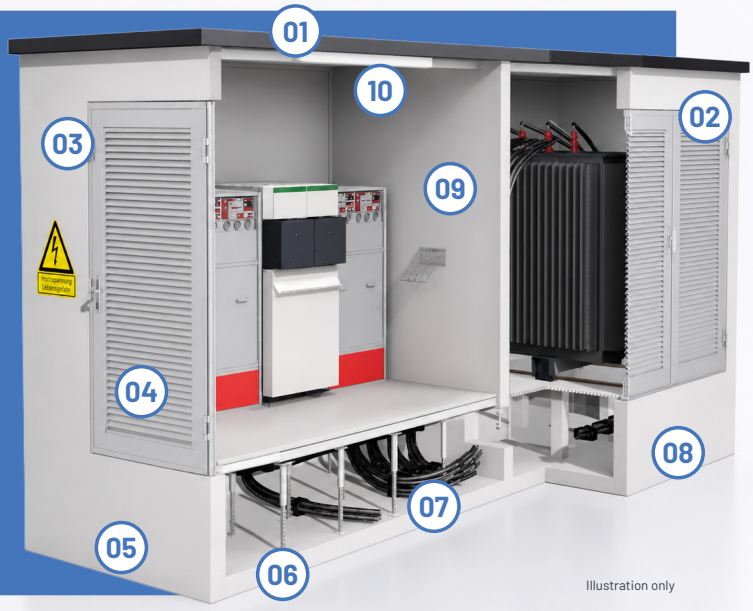


Illustration only

Warranty for the entire product: 10 years (only with a maintenance contract)
Substations tested in accordance with EN IEC 62271-202

SKS Elektroanlagenbau GmbH

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