



GAS-INSULATED MEDIUM-VOLTAGE SWITCHGEAR

8DAB 40 - blue GIS

Up to 40.5 kV, 40kA, 2500 A
usa.siemens.com/8dab40

Description

By integrating proven technologies with innovative, eco-friendly features, the 8DAB 40 ensures that industries can maintain high-performance operations while minimizing environmental impact. Its Fluorinated gas-free insulating medium along with its Robust Eco Design aligns with sustainability targets, making it an excellent choice for sectors dedicated to sustainable energy practices.

8DAB 40's modular and compact design allows for flexible configurations, making it ideal for various applications across urban and rural settings. Its high reliability, low maintenance costs, and integrated condition monitoring make it particularly suitable for data centers and other critical infrastructures.

With technical specifications that include a rated voltage of up to 40.5 kV and a rated

short-circuit current of up to 40 kA, the 8DAB 40 switchgear offers robust protection for diverse industries, including industrial, construction, utility and Datacenter.

Insulation gas Clean Air:

- Sustainable alternative to SF₆
- Consists of natural-origin gases with a GWP < 1
- No regulatory restrictions
- Non-toxic, PFAS free, and highly stable

Proven design platform:

- Based on the renowned 8DA/B design platform, with an install base of more than 150,000 sections worldwide and 10,000 sections in the USA
- Expected service life of 40 year service life under normal conditions
- Utilizes condition monitoring on Electrification X platform to monitor critical functions with advanced sensors

- Inherently arc-resistant
- NRTL labeling upon request
- Identical footprint to SF₆ GIS

Key technical ratings:

- Single-busbar design
- Rated voltage up to 40.5 kV
- Rated continuous current up to 2500 A
- Rated short-circuit current up to 40 kA
- Rated frequency 60 Hz
- Standards: IEC 62271-1/-100/-200

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Sustainability in its DNA



Clean Air:

- Elements of natural-origin gases
- GWP <1
- No regulatory restrictions



Health and safety:

- Non-toxic gas
- No PFAS gas
- Highly stable



Compact design:

- Identical footprint to SF6 GIS
- Saves space and resources



Highest reliability:

- Expected service life of 40 years
- Single-pole enclosed design
- Hermetically sealed
- Proven design with very high MTBF



Robust eco design:

- Resource efficiency
- Easily recyclable



Legal Manufacturer

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