



**36 kV
up to
31.5 kA**

AIR-INSULATED MEDIUM-VOLTAGE SWITCHGEAR

NXAIR – Enjoy the Air

[siemens.com/nxair](https://www.siemens.com/nxair)

NXAIR medium-voltage switchgear 36 kV up to 31.5 kA offers an environmentally friendly and sustainable basis for a reliable power supply thanks to its air-insulated technology. NXAIR H is having proven track records with its installations across many power supply companies, different industry as well as in infrastructure projects. It is suitable for unrestricted application (wall- or free-standing arrangement) in electrical service locations up to the maximum short-circuit ratings.



Fit for the future thanks to possible features



IoT connection via
SICAM A8000



Monitor switchgear health



Flexible visualization
enables deep dive



With Electrification X
part of Siemens Xcelerator

Your benefits

- Saves life – all operations only possible when the high-voltage door is closed
- Saves money by using maintenance free switching devices
- Ensures maximum reliability due to factory-finished, type-tested system according to IEC 62271-200
- Increases productivity through maintenance intervals of the switchgear > 10 years
- Protects the environment by using air as an insulating medium and fully recyclable materials

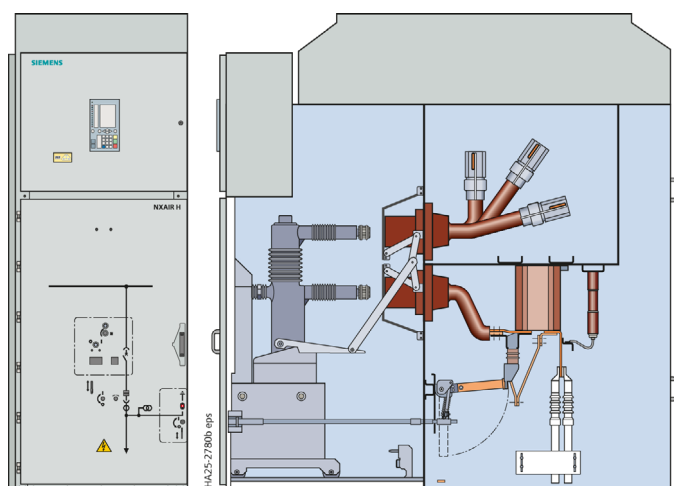
NXAIR stands for maximum operational and personal safety, highest reliability, and operator friendliness. Thanks to its compact dimensions, minimum use of components requiring maintenance, and its simple and reliable operating mechanisms, NXAIR is real value for money, as life cycle cost calculations show.

Technical data of NXAIR H up to 31.5 kA

Rated values

Rated voltage	kV	36
Rated frequency	Hz	50/60
Rated short-duration power-frequency withstand voltage	kV	70
Rated lightning impulse withstand voltage	kV	170
Rated short-circuit breaking current	kA	31.5
Rated short-time withstand current (3 s)	kA	31.5
Rated short-circuit making current	kA	80/82
Rated peak withstand current	kA	80/82
Rated continuous current of busbar	A	2500
Rated continuous current of feeder	A	800/1250/2000/2500
Width	mm	1000
Height	mm	2800
Depth	mm	2670

Example for standard circuit-breaker panel



Technical features

- Factory-assembled, type-tested switchgear according to IEC 62271-200
- Loss of service continuity category LSC 2B
- Partition class PM (metal-clad)
- Internal arc classified switchgear according to IAC A FLR for an arc duration of 1 s
- Build-in components for busbar optional available
- Compact design
- All operations only with high-voltage door closed
- Unambiguous position indicators and control elements as standard on the high-voltage door
- Use of maintenance-free vacuum circuit-breakers
- Type testing of earthing switch and vacuum circuit-breaker in the panel

Product range overview

- Circuit-breaker panel
- Disconnecting panel
- Metering panel
- Bus sectionalizer

[Webinar NXAIR - a switchgear for all cases](#)

[Catalog NXAIR H, 36 kV up to 31.5 kA](#)

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