NXAIR medium-voltage switchgear 24 kV up to 25 kA is the clever solution – for the challenges of today and tomorrow.

With ever-increasing population growth, progressive urbanization and industrialization, the demand for electricity is also increasing and medium-voltage grid expansion is facing major challenges all over the world. Modern medium-voltage switchgear must therefore not only be reliable and economical, but also environmentally friendly and sustainable.

The air-insulated medium-voltage switchgear NXAIR M combines high personal and operational safety with excellent profitability. Maximum personal safety is achieved through the internal arc classification IAC A FLR 25 kA, 1 s, maximum availability through the loss of service continuity category LSC 2B as well as maximum reliability through the partition class PM.

NXAIR M is completely type-tested according to IEC 62271-200. The switchgear ratings are partly beyond the requirements of the IEC standards. Because of its voltage level, the switchgear NXAIR M is especially suitable for power supply companies, infrastructure and industrial applications. With its compact design, low maintenance requirements, uncomplicated and reliable technology as well as sustainable production increase, NXAIR M is an investment that pays off throughout its entire life cycle.

Your benefits
- Saves lives
- Saves money
- Ensures peace of mind
- Increases productivity
- Preserves the environment

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Technical data of NXAIR M, up to 25 kA

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<td>Height</td>
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1) GOST standard: 65 kV

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
- Confinement of an internal arc to the respective compartment (pressure-resistant partitions), beyond the specifications of the standard
- 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
- Cable testing without isolating the busbar

Example for standard circuit-breaker panel

Product range overview
- Circuit-breaker panel
- Disconnector panel
- Metering panel
- Circuit-breaker panel with HV HRC fuse
- Bus sectionalizer
- Busbar connection panel
- Three-position switch-disconnector panel with HV HRC fuse
-Incoming sectionalizer
- Bus coupler

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