

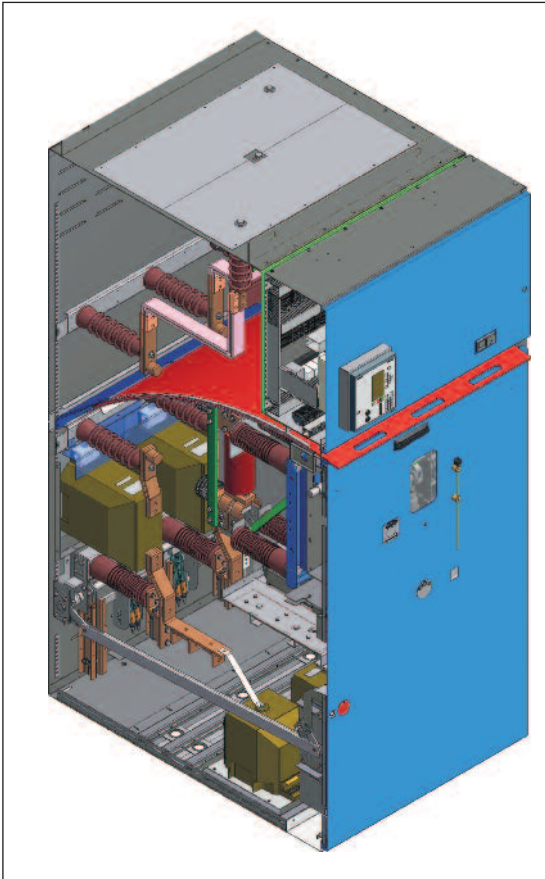


STROM • SICHER • SCHALTEN

**DRIESCHER**  
Medium voltage switchgear  
**PRO-AIR**  
**H.e.EL**  
• Indoor  
• Rated voltage 36 kV

**DRIESCHER**  
Moosburg • Eisleben





## Short description

- Type tested according to DIN EN 62271-200
- Rated voltage 36 kV
- Rated current up to 2000 A
- Rated short-time current up to 31.5 kA
- Degree of protection IP3X
- Air-insulated
- Minimal expenditure of maintenance
- Simple operation
- LSC2-PI, IAC A FL 31.5 kA, 1s
- Withdrawable-unit design, without disconnector

## Type designation

PRO-AIR  
 H•e•EL

- Circuit-breaker switchgear (Withdrawable-unit design)
- Size 1200width/1500depth/2600height
- Rated voltage 36 kV

## General description

The air-insulated medium voltage switchgear of type PRO-AIR H•e•EL are used, whenever a high security of supply has to be guaranteed and also for ensuring operator safety and operating convenience. These switchgear are able to meet the specific user requirements in full and provide a satisfactory power distribution.

The type PRO-AIR H•e•EL is a circuit-breaker switchgear in withdrawable-unit design. These design enables a visible isolating distance of the circuit-breaker and consequently a disconnecter free design of the switchgear. The dimensions are: W x D x H: 1200 x 1500 x 2600 mm.

The switchgear PRO-AIR is in the future also in more types (Transformer-, Cable-, Measuring- and riser-switchgear) available. The main dimensions are: W x D x H: 900 x 1200 x 2100 mm.

The switchgear type PRO-AIR H•e•EL is delivered in the form of individual panels, where the electrical equipment (Earthing-switch, motor drive, current- and voltage transformer), panel order etc. can be determined by the customer.

## Possible fields of application

The type PRO-AIR can be used in transformer substations und substations.

Possible applications:

Industry, wind parks, power plants, transformer substations, aluminium- / steel works, traction power supply, electric utility, and more.

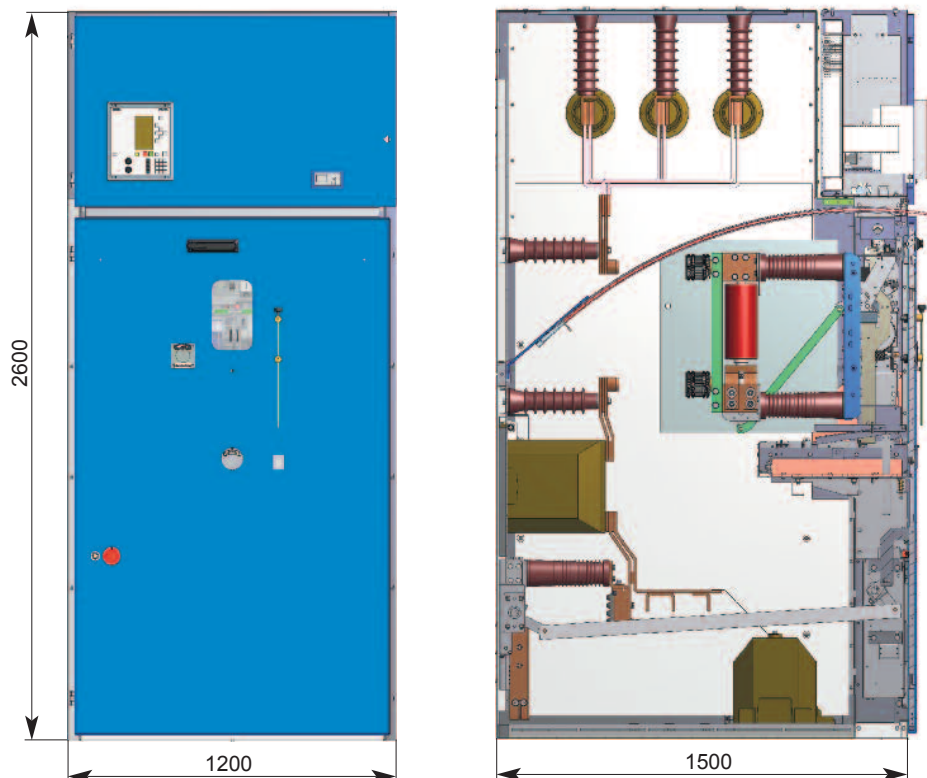
## Technical data

### PRO-AIR H•e•EL

• Rated voltage	$U_r$	36 kV
• Rated frequency	$f_r$	50 Hz
• Rated operating current, max.	$I_r$	2000 A
• Rated short-time current, max.	$I_k$	31.5 kA
• Rated short-circuit time	$t_k$	3 s
• Rated peak withstand current	$I_p$	80 kA
• Rated lightning impulse withstand voltage	$U_p$	170 kV
• Rated power-frequency withstand voltage	$U_d$	70 kV

Switches according to EN 62271-100 and EN 62271-102

## Front- and side view



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Dimensions, weights, diagrams and descriptions in this brochure are non-binding. Subject to change without notice.

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