The 8DJH switchgear will impress you with its extensive scope of functions and diverse deployment possibilities. Simple transformer substations, customer transfer substations, and even circuit-breaker switchgear in industrial applications can be implemented easily with this switchgear type.

Flexibility during switchgear configuration is a decisive factor in secondary distribution. The modular switchgear design enables a variable configuration of functions – both within a panel block and also with more complex switchgear layouts. All of the individual panels and panel blocks can be extended as an option. Thus, with the 8DJH switchgear, practically any switching configuration can be implemented.

The hermetically sealed welded stainless steel switchgear vessel makes the parts of the 8DJH switchgear carrying high voltage insensitive to salty air, air humidity, dust and condensation. It prevents the ingress of dust and dirt, liquids, humidity and small animals. Additional test requirements, e. g. for climate resistance and seismic safety verifies the overall high resilience of the switchgear.

**Your advantages**
- Independent of environment and climate
- Maintenance-free
- Compact
- Safe for operators
- Cost-efficient
- Ecological
- Reliable and safe operation

[siemens.com/medium-voltage-switchgear](https://siemens.com/medium-voltage-switchgear)
8DJH, Medium-Voltage Switchgear

Product range (The following selection is not complete)

Performance features
- Type-tested according to IEC 62271-200
- Sealed pressure system with SF₆ filling for the entire service life
- Safe-to-touch enclosure and standardized connections for plug-in cable terminations
- 3-pole, gas-insulated switchgear vessel for switching devices and busbar
- Panel blocks and single panels available (optionally extensible)
- Switching devices: three-position switch-disconnector (OPEN – CLOSED – EARTHED), switch-fuse combination for distribution transformer protection, vacuum circuit-breaker with three-position disconnector
- Earthing function of switching devices generally make-proof
- Metal-enclosed, partition class PM
- Loss of service continuity category for switchgear: LSC 2
- Internal arc classification (option):
  - IAC A FL 21 kA, 1 s
  - IAC A FLR 21 kA, 1 s

Technical data of 8DJH

<table>
<thead>
<tr>
<th>Rated</th>
<th>Voltage kV</th>
<th>7.2</th>
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<th>15</th>
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<tr>
<td>Frequency Hz</td>
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<tr>
<td>Short-duration power-frequency withstand voltage kV</td>
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<td>28*</td>
<td>36</td>
<td>38</td>
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<tr>
<td>Lightning impulse withstand voltage kV</td>
<td>60</td>
<td>75</td>
<td>95</td>
<td>95</td>
<td>125</td>
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<tr>
<td>Normal current for busbar A</td>
<td>630</td>
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<tr>
<td>Normal current for circuit-breaker feeders A</td>
<td>250 or 630</td>
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<tr>
<td>Normal current for transformer feeders A</td>
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<td>Short-time withstand current, 1 s</td>
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<td>20</td>
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<tr>
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<td>63</td>
<td>63</td>
<td>50</td>
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</tr>
</tbody>
</table>

* 42 kV according to some national requirements
** Depending on HV HRC fuse-link

Dimensions of 8DJH

Dimensions | Dimensions in mm
---|---
Width W | Ring-main feeders 310 or 500
Transformer feeders 430
Circuit-breaker feeders 430 or 500
RRT / RRL block 1,050
Height H | Panels without low-voltage compartment 1,200 / 1,400 / 1,700
Panels with low-voltage compartment (option) 1,400 – 2,600
Switchgear with pressure absorber (option) 1,800 – 2,600
Depth D | Standard switchgear 775
Switchgear with pressure absorber (option) 890

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Read the QR code to see further typicals of this switchgear!