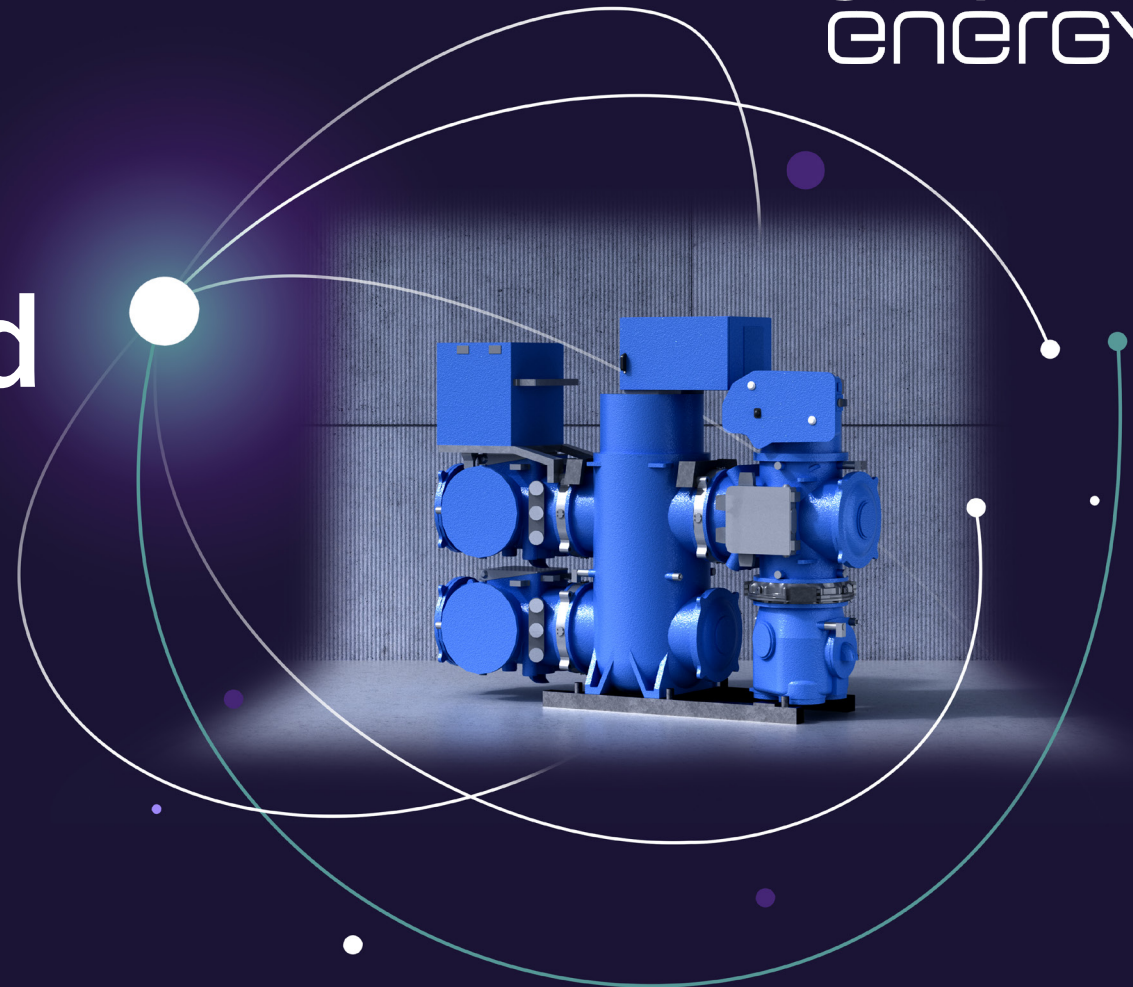


Gas-insulated switchgear

from 72.5 kV up to 550 kV



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**Customized products with
the shortest delivery times
from our global production
network**

Germany

India

China

Foreword

The availability of electric energy is vital for economic development and for quality of life and the demand is constantly increasing. One of the necessary conditions for a reliable electric power supply is a well-functioning transmission system. **Siemens Energy worldwide supports customers along the entire chain of energy conversion, with an efficient range of products, solutions and know-how for the transmission of electrical energy from one source.**

Circuit breakers are the central part of air-insulated (AIS) and gas-insulated (GIS) switchgear. High-voltage circuit breakers are mechanical switching devices which connect and break current circuits (operating currents and fault currents) and carry the nominal current in closed position.

As a world market leader, Siemens Energy takes the responsibility to provide circuit breakers which meet highest environmental, technological and economic conditions in the various countries







worldwide. For more than 150 years we have been shaping and improving the energy world.

Sustainability is the core of our actions

Siemens Energy is fully committed to supporting worldwide agreements and sustainable development goals of nations and our customers. Our ambition is to achieve climate-neutrality in our own operations by 2030 and to cover 100% of our own electricity consumption from renewable sources by 2023.

Furthermore, we want to make power grids completely free of greenhouse gas emissions with highest performance and health and safety standards. Sustainable means for us: Zero SF₆ gas, Zero F-mix-gases and Zero greenhouse gases. Our Blue products with vacuum interruption and clean air insulation combine the game changing technology paving the way for climate neutral high-voltage switchgear.

Portfolio overview

Product line		8VM1	8VN1	8DN8		8DN9	8DQ1		
Solution									
Rated voltage	up to	72.5 kV	145 kV	145 kV	170 kV	245 kV	420 kV (245 kV)	420 kV	550 kV
Rated short circuit breaking current	up to	31.5 kA	40 kA	40 kA	63 kA	50 kA	63 kA (80 kA)	80 kA	63 kA
Rated current busbar	up to	-	3150 A	3150 A	4000 A	4000 A	6300 A	6300 A	6300 A
Rated current feeder	up to	1250 A	3150 A	3150 A	4000 A	4000 A	5000 A	5000 A	5000 A
Interrupter technology		vacuum			self-compression principle				
Insulation medium		clean air			SF ₆				

8VM1 – Blue GIS™ for wind applications

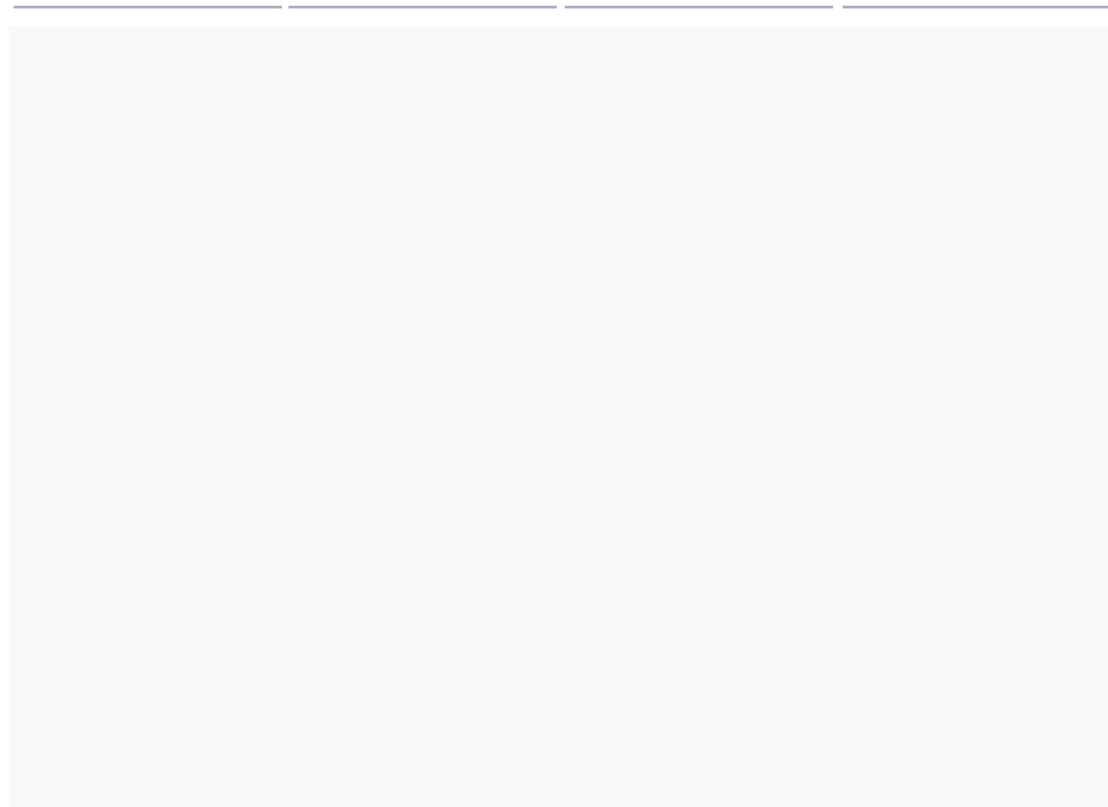


8DN8 – Benefiting from experience

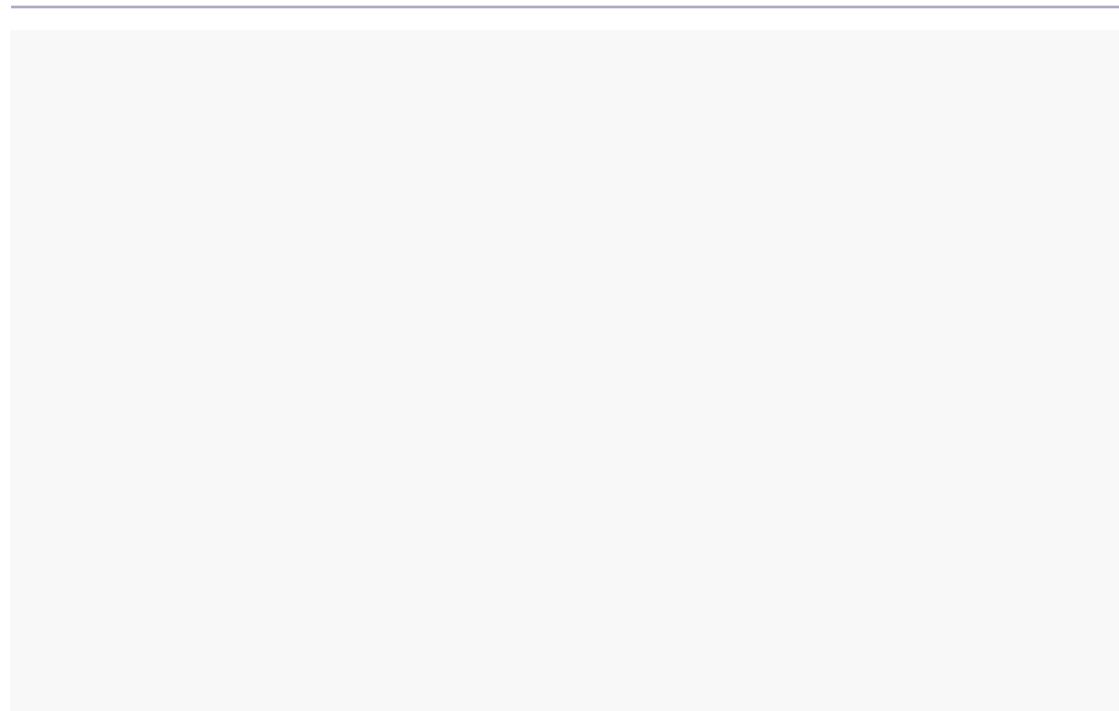
8DN9 Benefiting from experience

8DQ1 Benefiting from experience

GIS monitoring



Drive system



Quality right from the start

Easy installation and commissioning

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