

Electrical characteristics

Rated voltage kV	[kV]	36
Rated insulation voltage	[kV]	36
Rated power frequency withstand voltage	kV 1min	70
Rated lightning impulse withstand voltage	kV	170
Rated frequency	Hz	50-60
Rated short time withstand current	kA 3	...31.5
Peak current	kA	...80
Internal arc withstand current	kA 1 s	...31.5
Main busbars rated current	A	1250
		1600
		2000
		2500
		3150
		1250
Branch connections rated current	A	1600
		2000
Branch connection rated current with forced ventilation with fan	A	2500
Branch connection rated current with forced ventilation with fans. (. available only with VD4 vacuum Circuit Breaker)	A	3150

The electrical characteristics of the switchboard can vary for ambient conditions other than those described in the previous section and also if a higher degree of protection is used.

Degrees of protection

The degrees of protection of the switchgear conform with IEC 60529 Standards.

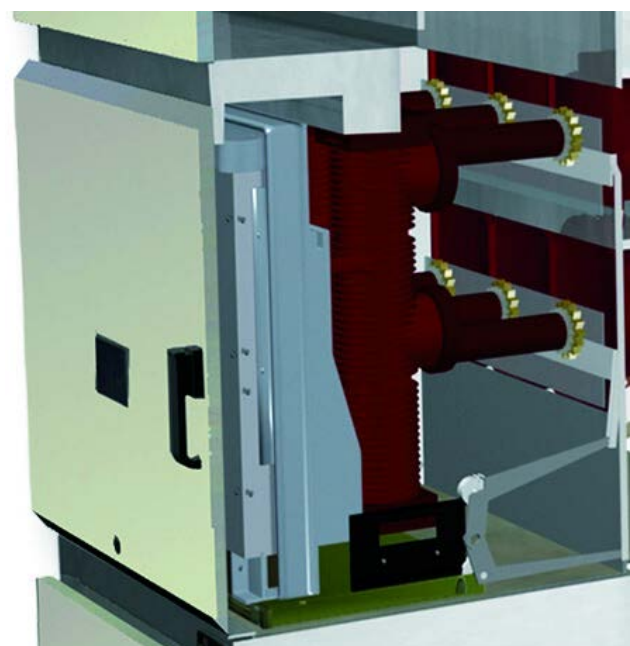
UniGear ZS2 switchgear is normally supplied with the following standard degrees of protection:

- IP4X for the enclosure.
- IP2X for the partition between compartments.

On request, the external housing can be supplied with a higher degree of protection; in this case please contact your ABB sales representative.

Colour of the external surfaces

RAL7035 - light grey (front doors).
Other colours available on request.



Circuit-breaker compartment



*Knowledge & Validity
Constant Creativity*