

Technical data

Standards and approvals		
Standards and prescriptions	Power switchgear and controlgear assembly (design verification)	IEC 61439-2
	Testing under conditions of arcing due to internal fault	IEC/TR 61641
	Induced vibrations	IEC 60068-3-3 IEC 60068-2-6 IEC 60068-2-57 IEC 60980 KTA 2201.4 Uniform Building Code (UBC), Edition 1997 Vol. 2, Ch. 19, Div. IV
	Protection against electric shock	EN 50274
Approvals and certifications	Europe Russia, Belarus, Kazakhstan China	CE Marking and EC Declaration of Conformity EAC (Eurasian Conformity) CCC
	Det Norske Veritas Lloyds Register of Shipping	DNV GL Type Approval Certificate LR Type Approval Certificate
	Shell Conformity	"DEP Shell"

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Rated operational voltage (U_e)	Main circuit	Up to 690 V (rated frequency f_n 50 Hz)
Clearances and creepage distances	Rated impulse withstand voltage (U_{imp})	8 kV
	Rated insulation voltage (U_i)	1,000 V
	Degree of pollution	3
Main busbars, horizontal	Rated current	Up to 7,010 A
	Rated peak withstand current (I_{pk})	Up to 330 kA
	Rated short-time withstand current (I_{cw})	Up to 150 kA, 1 s
Rated currents of devices	Circuit breakers	Up to 6,300 A
	Cable feeders	Up to 630 A
	Motor feeders	Up to 250 kW
Internal separation	IEC 61439-2	Form 1 to form 4
	BS EN 61439-2	Up to form 4 type 7
IP degree of protection	In accordance with IEC 60529	Ventilated up to IP43 Non-ventilated IP54
Mechanical strength	IEC 62262	Up to IK10
Dimensions	Height (without base)	2,000, 2,200 mm
	Height of base (optional)	100, 200 mm
	Cubicle width	200, 350, 400, 600, 800, 850, 1,000, 1,200, 1,400 mm
	Depth (single front)	500, 600, 800, 1,000, 1,200 mm
Installation conditions	Indoor installation, ambient air temperature in the 24-h mean	+ 35°C (-5°C to + 40°C)