

RATINGS AND SPECIFICATIONS

TABLE 1
Voltage Ratings (kV)

Description	15 kV	15 kV	27 kV	27 kV	38 kV
Maximum Voltage	15.5 kV	15.5 kV	29.2 kV	29.2 kV	38.0 kV
Rated Basic Impulse Level	110.0 kV	125.0 kV	125.0 kV	150.0 kV	170.0 kV
Radio Noise Limit (μ V)	100 @ 9.4 kV	100 @ 9.4 kV	100 @ 16.4 kV	100 @ 16.4 kV	100 @ 23.0 kV
Power Frequency Withstand, Dry	50 kV	50 kV	60 kV	60 kV	70 kV
Power Frequency Withstand, Wet	45 kV	45 kV	50 kV	50 kV	60 kV

TABLE 2
Current Ratings (Amperes)

Description	15 kV	15 kV	27 kV	27 kV	38 kV
Rated Continuous Current	630 A*	630 A*	630 A*	630 A*	630 A*
Short Circuit Current, Symmetrical	12.5 kA**	12.5 kA**	12.5 kA**	12.5 kA**	12.5 kA
Making Current, Asymmetrical Peak	31.0 kA	31.0 kA	31.0 kA	31.0 kA	31.0 kA
Magnetizing Current	22 A	22 A	22 A	22 A	22 A
Cable Charging Current	10 A	10 A	25 A	25 A	40 A

*800 amp accessory is also available.

**16.0 kA option is also available. (Making Current is 40.0 kA Asymmetrical Peak.)

TABLE 3
Mechanical Ratings

Description	15 kV	15 kV	27 kV	27 kV	38 kV
Min. Mechanical/Electrical Operations Without Maintenance (C-O)	10,000	10,000	10,000	10,000	10,000
Mass (Weight) - kg (lbs)	86 (190)	91 (200)	91 (200)	101 (223)	101 (223)

TABLE 4
Duty Cycle

Type	Percentage of Interrupting Rating	Number of Unit Operations	Minimum Circuit X/R Value
NOVA	15-20	88	4
	45-55	112	8
	90-100	32	15
		Total 232	

TABLE 5
Auxiliary Switch Interrupting Ratings

Volts	Inductive ac (amps)	Non-Inductive ac (amps)	Inductive dc (amps)	Non-Inductive dc (amps)
24	–	–	15.0	20.0
48	–	–	7.5	10.0
120	60	80	–	–
125	–	–	1.5	2.0
240	30	60	–	–
250	–	–	0.45	0.5