

Computer Original

TITLE : GTP_245 kV 4400PF CVT	PAGE 2/2
Customer: BSPTCL.	PRE BY
Contractor:	AR _____ DATE
Project:	APPD. BY
	SB

20.	Range of power line carrier frequency(kHz)	40 kHz to 500 kHz
21.	Temperature raise over Ambient at 50°C	< 55 °C
22.	One minute power frequency test voltage of secondary winding (kV rms)	3 kV rms
23.	One minute power frequency test voltage of H.F. terminal	4 kV rms
24.	Seismic Acceleration	0.3g
25.	Partial Discharge	As per IEC60044-5
26.	Equivalent Series resistance over the entire carrier freq. range	<40Ω
27.	Stray capacitance & Stray conductance of the LV terminal Over entire Carrier freq. range	Capacitance : <520pF & Conductance : <50μS
28.	One minute power frequency test voltage of capacitor (kV rms) (dry & wet)	460 kV rms
29.	1.2 / 50 micro second impulse withstand test voltage of capacitor (kVp)	1050 kV peak
30.	250 /2500 micro switching surge withstand voltage of capacitor (kVp)	Not Applicable
31.	Corona extinction voltage	156 kV rms
32.	Max. Radio interference voltage at 1.1 Ur/√3 at 1.0 MHz	< 1000 μV
33.	Total weight	270 kgs (Appx)
34.	Characteristics of Oil	Mineral & Synthetic
35.	Quantity of oil	36 kgs (Approx.)
36.	Whether CVTs are hermetically sealed	Yes
37.	Creepage Distance	25mm/kV
38.	Transportation Whether Vertical/Horizontal	Vertical
39.	Storage Vertical/horizontal	Vertical
40.	Type of Bellow	Expansion