

COUPLING CAPACITOR VOLTAGE TRANSFORMER

TYPES OTCF-SR, OTCF-SI, OTCF-IR, OTCF-II AND OTCF-SM (ANSI STANDARD)

Ritz CCVT's are designed to comply with the requirements of the American National Standards Institute ANSI C93.1 and C93.2. Special designs are available to comply with other standards and special requirements. Ritz CCVT's of these designs are available in voltage ratings from 72.5 kV to 550 kV. Features common to all voltage ratings are as follows:

CHARACTERISTICS	OTCF-SR	OTCF-IR	OTCF-SI	OTCF-II	OTCF-SM
1. ACCURACY CLASS ANSI					
Each Main Winding	1.2MWXYZ	0.6MWXYZ	0.6MWXYZ	0.6MWXYZ,ZZ	0.3MWXYZ
Auxiliary Winding	1.2MWXY	1.2MWXY	1.2MWXY	1.2MWXY	1.2MWXY
Two main windings are supplied as standard, with a third auxiliary winding available as an option.					
2. TRANSIENT RESPONSE					
Residual Voltage (1 cycle)	9% @ ZT	8% @ ZT	9% @ ZT	9% @ ZZT	9% @ ZT
3. FERRORESONANCE SUPPRESSION - Less than 10% of peak within 10 cycles at 110% of maximum rated voltage.					
4. THERMAL BURDEN RATING	1000 VA	1000 VA	1000 VA	1000 VA	1000 VA
5. SECONDARY SHORT CIRCUIT CURRENT					
Tap Winding	26 A	31 A	26 A	35 A	42 A
Full Winding	15 A	18 A	15 A	20 A	25 A
6. INTERMEDIATE VOLTAGE	6.5 kV	6.5 kV	8.0 kV	8.0 kV	9.0 kV
7. SHORT TIME OVERVOLTAGE - 140% of performance reference voltage for one minute.					
8. INSULATION CLASS A					
Capacitor Unit - solid dielectric:	Film/Kraft paper				
-liquid dielectric:	SAS synthetic oil				
Electromagnetic Unit - solid dielectric:	Kraft paper				
- liquid dielectric:	Mineral oil				

