

APPENDIX P

SPECIFICATIONS FOR CURRENT TRANSFORMERS FOR EMBEDDED GENERATORS

ITEMS	SPECIFICATIONS	REFERENCE DOCUMENTS
Type	Minimum oil filled, Dry Type or Gas-filled	
Cooling	Oil immersed, Self-cooled; Butyl, Cast resin	
Accuracy Class	<u>0.2 (IEC) or 0.3 (ANSI), or better</u>	<u>Distribution Code 7.2.6.2 (a)</u>
Burden	<u>5VA, guaranteed accurate from 0% to 100%</u>	
Rated Primary	Current The thermal rating factor shall not be less than 1.0	
Secondary Current	1A or 5A	IEC 4.2 Standard values of rated secondary currents
Rating Factor	Minimum of 1.0 at 30°C	
Frequency	60 Hz	
Ambient Air Temperature	-5°C and 50°C for very hot climate	IEC 3.2.1 1996
BIL	Refer to Table 2 for applicable BIL	
Creepage Distance	Refer to Table 3 for applicable creepage distance	
Mounting	Depend on the applications	
Security	Seal holder shall be provided to the CT secondary terminal box (see Figure 1)	<u>WESM Manual 2.9.1.3</u>