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# LOAD BANK DATA SHEET

Rev	Revision Date	Description	Compiled	Checked	Approved



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<u>DESCRIPTION</u>	<u>REQUIRED SPECIFICATIN</u>	<u>BIDDER SPECIFICATION</u>
<b>1. GENERAL</b>		
1-1. QUANTITY		
1-2. CODES & STANDARDS		IEEE-32 (1972), IEC 60439-1
<b>2. SERVICE CONDITIONS</b>		
2-1. LOCATION	<input type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR	<input type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR
2-2. AMBIENT TEMPERATURE	MAX: °C      MIN: °C	MAX: °C      MIN: °C
2-3. MAX RELATIVE HUMIDITY	%	%
2-4. ALTITUDE (SEA LEVEL)	m	m
2-5. SEISMIC WITHSTAND FACTOR (Ver/Hor)	g	g
<b>3. SYSTEM &amp; RATING</b>		
<b>3-1. RATING OF LOAD BANK</b>		
3-1-1. NUMBER OF PHASES		
3-1-2. RATED APPARENT POWER	kVA	kVA
3-1-3. RATED ACTIVE POWER	kW	kW
3-1-4. RATED REACTIVE POWER	kVar	kVar
3-1-5. RATED POWER FACTOR		
3-1-6. RESISTOR and REACTOR CONECTION (Series/Parallel)		
3-1-7. PHASE CONFIGURATION	<input type="checkbox"/> 2WIRES (L+N) <input type="checkbox"/> 3WIRES (L1+L2+L3) <input type="checkbox"/> 4WIRES (L1+L2+L3+N)	<input type="checkbox"/> 2WIRES (L+N) <input type="checkbox"/> 3WIRES (L1+L2+L3) <input type="checkbox"/> 4WIRES (L1+L2+L3+N)
3-1-8. RATED VOLTAGE	kV	kV
3-1-9. MAX SYSTEM VOLTAGE	kV	kV
3-1-10. PHASE TO NEUTRAL VOLTAGE	kV	kV
3-1-11. RATED WITHSTAND VOLTAGE	kV	kV
3-1-12. RATED LIGHTNING IMPULSE VOLTAGE	kV	kV
3-1-13. LINE RATED CURRENT	A	A
3-1-14. FREQUENCY	Hz	Hz
3-1-15. OHMIC VAL. OF EACH PHASE @ 20°C / TOL.	Ω / ± %	Ω / ± %
3-1-16. DUTY CYCLE	s	s
3-1-17. MAX. TEMPERATURE RISE	°C	°C
3-1-18. OHMIC VAL. OF EACH PHASE at MAX. TEMP.	Ω	Ω
3-1-19. OHMIC VAL. OF EACH PHASE at MIN. TEMP.	Ω	Ω
3-1-20. OHMIC VAL. OF EACH PHASE at MAX. TEMP. RISE	Ω	Ω
3-1-21. INDUCTIVE VAL. OF EACH PHASE	mH	mH
3-1-22. NUMBER OF STEPS		
3-1-23. STEP RESOLUTION	kW	kW
<b>4. CONSTRUCTION OF RESISTOR</b>		
<b>4-1. RESISTOR ELEMENTS</b>		
4-1-1. TYPE OF RESISTOR		
4-1-2. MATERIAL OF RESISTOR		
4-1-3. RESISTOR SCREW & NUT MATERIAL	<input type="checkbox"/> GALVANIZED <input type="checkbox"/> STAINLESS STEEL	<input type="checkbox"/> GALVANIZED <input type="checkbox"/> STAINLESS STEEL
4-1-4. CONNECTIONS MATERIAL	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> ALUMINUM <input type="checkbox"/> BRASS <input type="checkbox"/> COPPER	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> ALUMINUM <input type="checkbox"/> BRASS <input type="checkbox"/> COPPER
<b>4-2. ENTRY TYPE</b>		
4-2-1. ENTRY CONNECTION	<input type="checkbox"/> BUSHING <input type="checkbox"/> INDUSTRIAL SOCKET <input type="checkbox"/> BUSBAR <input type="checkbox"/> TERMINAL	<input type="checkbox"/> BUSHING <input type="checkbox"/> INDUSTRIAL SOCKET <input type="checkbox"/> BUSBAR <input type="checkbox"/> TERMINAL



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Table with 3 columns: DESCRIPTION, REQUIRED SPECIFICATIN, and BIDDER SPECIFICATION. It contains sections for enclosure details (4-2 to 4-10), cooling system (5-1 to 5-4), dimensions (6-1 to 6-3), and reactor construction (7-1 to 7-7).



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<u>DESCRIPTION</u>	<u>REQUIRED SPECIFICATIN</u>	<u>BIDDER SPECIFICATION</u>
<b>8. COOLING METHOD OF REACTOR</b>		
<b>8-1. COOLANT FLUID</b>	<input type="checkbox"/> AIR <input type="checkbox"/> OIL	<input type="checkbox"/> AIR <input type="checkbox"/> OIL
<b>8-2. COOLING METHOD</b>	<input type="checkbox"/> NATURAL <input type="checkbox"/> FORCED	<input type="checkbox"/> NATURAL <input type="checkbox"/> FORCED
<b>9. DIMENSIONS &amp; WEIGHTOF REACTOR</b>		
<b>9-1. DIMENSIONS (W×L×H)</b>	mm <sup>3</sup>	mm <sup>3</sup>
<b>9-2. NET WEIGHT</b>	kg	kg
<b>10. SPARE PARTS</b>		
<b>10-1. FOR START UP &amp; COMMISSIONING</b>	<input type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED	<input type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED
<b>10-2. FOR 2 YEAR OPERATION &amp; MAINTENANCE</b>	<input type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED	<input type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED
<b>11. PACKAGING</b>		
<b>11.1 PACKAGING TYPE (According to Packing Procedure)</b>	<input type="checkbox"/> NOT REQUIRED <input type="checkbox"/> SOFT COVER <input type="checkbox"/> SOLID STRUCTURE	<input type="checkbox"/> NOT REQUIRED <input type="checkbox"/> SOFT COVER <input type="checkbox"/> SOLID STRUCTURE