Order Specification Sheet

Customer Information	Ordering Party:_____ Transformer User:_____ Transformer Model:_____ Number: _____	Contact Person:_____ Tel:_____ Fax:_____ Email:_____

Technical Data

Application: ☐ Power Grid ☐ Generator ☐ Electric Furnace ☐ Traction ☐Other

Ambient Temperature: ☐ -25~40℃ ☐ Other Temperature, ℃

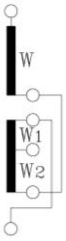
Rated Capacity: _____kVA Frequency: □50Hz □60Hz

Rated Voltage: _____kV Voltage Regulation Range: ___kV ± __×___%
or +___×___% ~ -___×___%

Rated Through Current: _____A Maximum Operating Current: _____A

Voltage Regulation Method		
	□ I Linear Regulation □ III Neutral Point Voltage Regulation □ V Series-Parallel □ VII Double Bridge Interconnection □ IX Double Bridge Differential Linear Regulation	□ II Single Bridge Crossover □ IV Wye-Delta Conversion □ VI Forward and Reverse Voltage Regulation (Equal Turns) ☐ VIII Forward and Reverse Voltage Regulation (Unequal Turns) □ X Double Bridge Differential Crossover

If the voltage regulation windings have unequal turns for forward and reverse regulation, please fill in the following parameters:



Rated Low Voltage: u: _____kV
Number of Turns: w: _____ turns
Number of Turns in High Voltage Winding: W: _____ turns
W_1: _____turns
W_2: _____turns

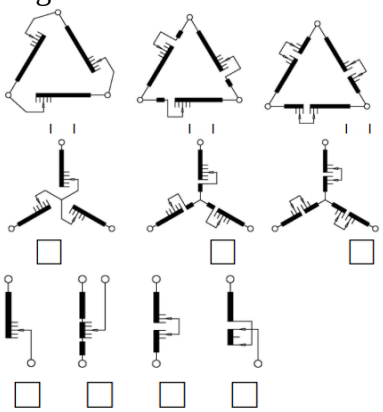
Tank Structure: □ Bell-type □ Top-tank type

Insulation Level of Transformer Voltage Regulation Winding (kV)	Power Frequency 1min	Impulse		
		Full Wave 1.2/50μs	Chopped Wave 2~6μs	Switching Wave 250/2500μs
To Ground				
Between Phases				
Between First and Last Terminals				
Between Adjacent Terminals				

Transformer Neutral Point Insulation Level: LI _____ kV / AC _____ kV

Partial Discharge Requirements: □ None □ Yes
Required Um _____ kV, Partial Discharge ≤ _____ pC

Transformer Coil Connection Diagram



☐ Please attach drawings for any additional requirements.

<table>
<tr><td rowspan="4">Tap Changer Configuration</td><td colspan="2">Switch Model: □□□□□□□□□□/□□□ — □×□(□□□)□□□□</td></tr>
<tr><td>Switch Body</td><td>Lead Tap Changer Configuration:
1. Single-phase tap changer outgoing mode:
□ Top outgoing □ Bottom outgoing □ Others
2. Multi-phase Tap Changer Neutral Point Location (Y Connection):
□ Standard Type (Upper Phase)
Special Requirement: □ Middle Phase (Not applicable for 2-phase); □ Lower Phase
3. Lead Configuration:
□ Standard configuration for the switch body page □ Special Requirement: Cross-section: _____ mm^2 Length: _____ mm Single-side insulation thickness: _____ mm</td></tr>
<tr><td rowspan="2">Operating Method</td><td>Operating Mechanism Combination Code: TP□□-□□-□□
☐ Please attach drawings for any special requirements.
Painting: □ B05 □ Other Protection Rating: ☐ C4 ☐ C5-I ☐ C5-M □ Others</td></tr>
<tr><td>Intelligent Control:
□ Remote Position Transmitter (paired with manual operation) □ Electric Controller (paired with electric top-side operation)
□ Remote Controller (paired with electric side operation)
□ Cable length 50m □ Special length: _____ m</td></tr>
<tr><td colspan="2">Please refer to the "555 Off-circuit Tap Changer Selection Manual" to select the tap changer configuration. The final configuration is subject to the contract.</td></tr>
<tr><td colspan="3">Notes:</td></tr>
</table>

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