

Shenyang No.4 Transformer Factory – AC/DC Desalter Transformer Selection Table

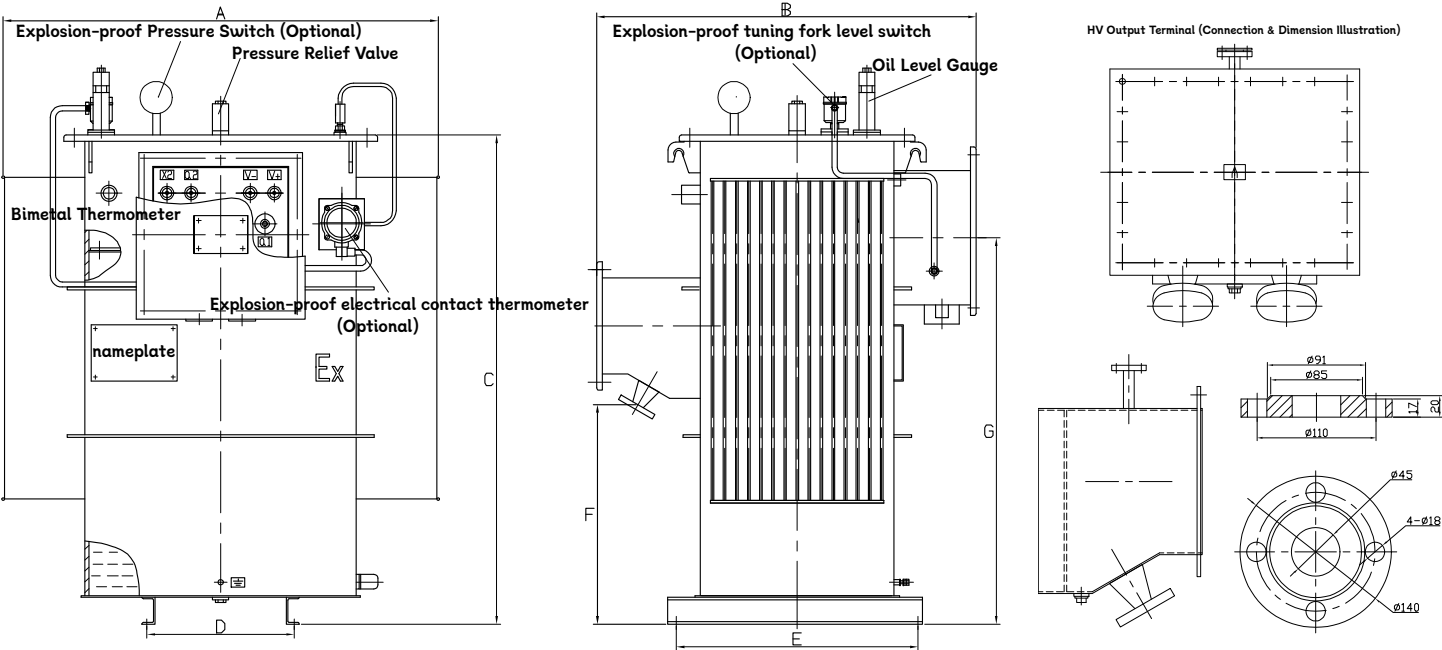
① Item # _____ Contract Reviewed by: _____ Date: _____

Oil Desalting/Dehydration 100% Reactance AC/DC Desalter Transformer, 50–250 kVA, 13–40 kV DC

Certifications: Ex ec oc IIC T5 Gc explosion protection marking, IP66 protection.

Compliant with JB/T 9645-2014 and GB/T 6451-2023 standards.

② Input Voltages: ☐ 380V ☐ 400V ☐ 6000V	③ Input Frequency: ☐ 50Hz ☐ 60Hz	④ Measure winding voltage: ☐ 100V Used for measurement/control circuits; actual voltage varies with input.	⑤ Insulating Oil: ☐ 25# Transformer Oil ☐ 45# Transformer Oil
⑥ Nominal Output Voltage: (5-position tap without load) ☐ 20 kV Class: AC 13 kV – 16 kV – 19 kV – 22 kV – 25 kV DC ±5.85 – ±7.2 – ±8.55 – ±9.9 – ±11.25kV ☐ 35 kV Class: AC 16 kV – 22 kV – 28 kV – 34 kV – 40 kV DC ±7.2 – ±9.9 – ±12.6 – ±15.3 – ±18kV		⑦ Optional Features: ☐ Ex electrical contact thermometer (alarm & trip) ☐ Ex tuning fork level switch (alarm & trip) ☐ Ex Pressure Switch (alarm & trip) ☐ Stainless Steel Tank Lid (corrosion-resistant) ☐ HV Entrance Assembly (with Flange & Electrical Connector)	



⑧ (20 kV Class)Rating / Dimensions (mm)	A	B	C	D	E	F	G
☐ 50KVA	1200	1250	1630	400	850	600	1210
☐ 80KVA	1250	1290	1730	400	850	700	1160
☐ 100KVA	1280	1300	1750	400	850	800	1170
☐ 125KVA	1320	1320	1800	400	850	800	1230
☐ 160KVA	1450	1380	1870	550	900	800	1270
☐ 200KVA	1490	1410	1920	550	900	800	1285
☐ 250KVA	1530	1450	1980	550	900	800	1300
(35 kV Class)Rating / Dimensions (mm)	A	B	C	D	E	F	G
☐ 50KVA	1350	1220	1770	550	850	800	1200
☐ 80KVA	1390	1410	1830	550	850	800	1260
☐ 100KVA	1430	1250	1880	550	850	800	1310
☐ 125KVA	1530	1490	1950	550	850	800	1360
☐ 160KVA	1610	1500	2060	550	900	800	1440
☐ 200KVA	1630	1510	2080	550	900	800	1450
☐ 250KVA	1660	1540	2100	550	900	800	1480