

Oil Processing 100% Reactance AC or DC Power Supplies 25-150 KVA, 400-690 VAC

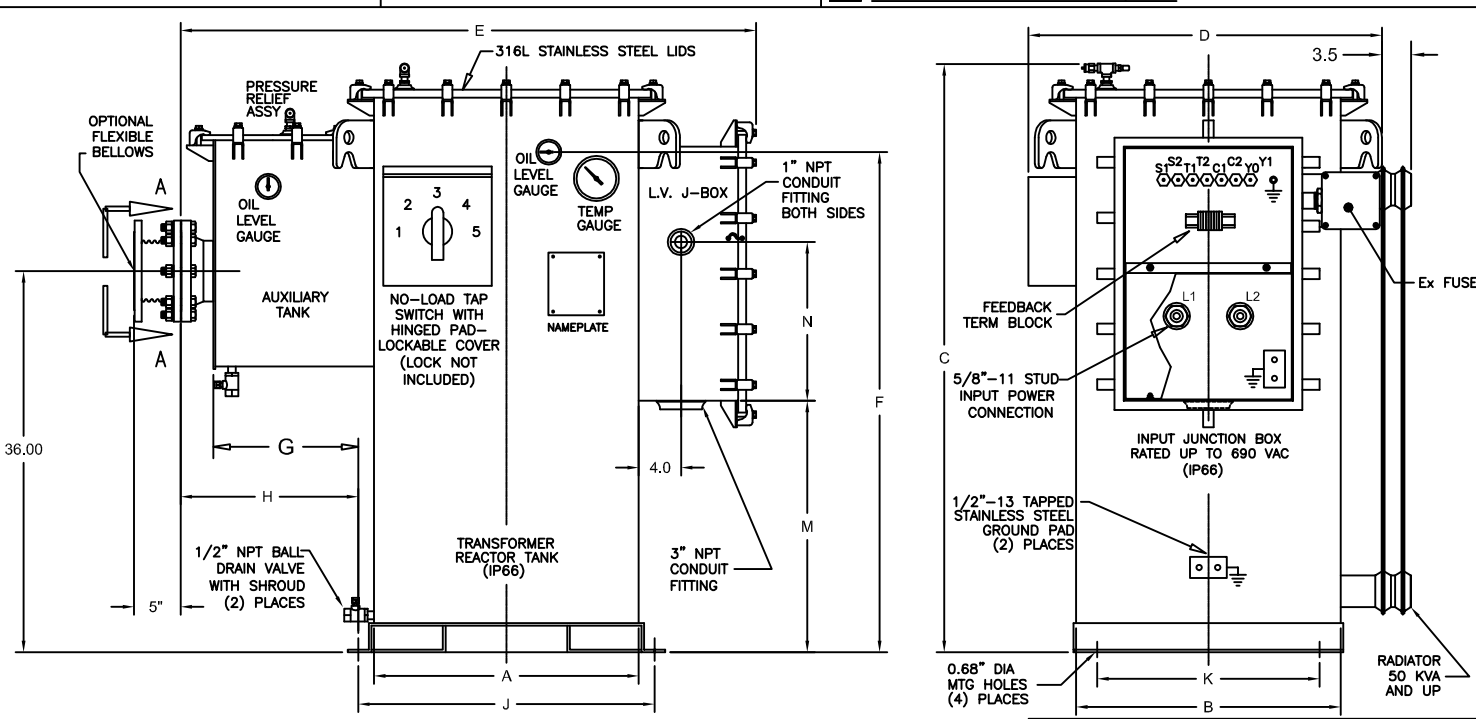
Certifications: ATEX Ex eo IIB T4 Gb (*-45°C ≤ Ta ≤ +55°C) per EN60079-0, -6, -7 TRAC12ATEX0044X
 AEx e o IIB T4 (*-45°C ≤ Ta ≤ +55°C) per UL60079-0, -6, -7 SGS REF. 595571/01
 Ex e o IIB T4 (*-45°C ≤ Ta ≤ +55°C) per CSA C22.2 60079-0, -6, -7 SGS REF. 595571/01
 This equipment meets Class I, Zones 1 & 2 per the above standards. *Minimum ambient temperature is limited to -40°C with these options if selected.

<p>② Input Voltages: (Terminals L1, L2)</p> <p><input type="checkbox"/> 400VAC nominal (Designed for input line ranging from 380-420VAC +/-5% line swing, max input range 361-441VAC)</p> <p><input type="checkbox"/> 460VAC nominal (Designed for input line ranging from 440-480VAC +/-5% line swing, max input range 418-504VAC)</p> <p><input type="checkbox"/> 600VAC nominal (Designed for input line ranging from 575-625VAC +/-5% line swing, max input range 546-656VAC)</p> <p><input type="checkbox"/> 690VAC nominal (Designed for input line ranging from 655-725VAC +/-5% line swing, max input range 622-761VAC)</p>	<p>③ Input Frequency:</p> <p><input type="checkbox"/> 50Hz</p> <p><input type="checkbox"/> 60Hz</p>
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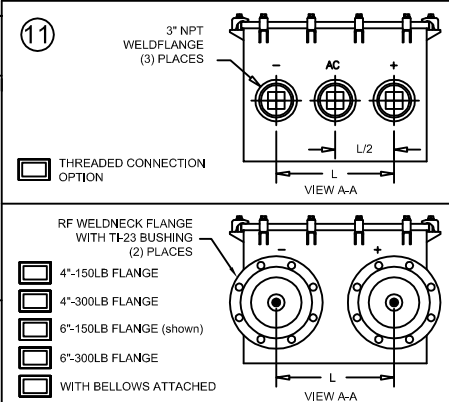
<p>④ Nominal Output Voltage: (Select Voltage with a 5-position 'No-load' tap switch)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>(Open circuit)</td> <td>TAP 1</td> <td>TAP 2</td> <td>TAP 3</td> <td>TAP 4</td> <td>TAP 5</td> </tr> <tr> <td><input type="checkbox"/> (AC)</td> <td>12KV</td> <td>16.5KV</td> <td>20KV</td> <td>23KV</td> <td>25KV</td> </tr> <tr> <td><input type="checkbox"/> (DC-AVG)</td> <td>5.4KV</td> <td>7.4KV</td> <td>9.0KV</td> <td>10.4KV</td> <td>11.3KV</td> </tr> <tr> <td><input type="checkbox"/> (DC-PEAK)</td> <td>16.9KV</td> <td>23.3KV</td> <td>28.2KV</td> <td>32.4KV</td> <td>35.3KV</td> </tr> </table> <p>*DC AVG and PEAK = (+) to ground or (-) to ground half wave output.</p>	(Open circuit)	TAP 1	TAP 2	TAP 3	TAP 4	TAP 5	<input type="checkbox"/> (AC)	12KV	16.5KV	20KV	23KV	25KV	<input type="checkbox"/> (DC-AVG)	5.4KV	7.4KV	9.0KV	10.4KV	11.3KV	<input type="checkbox"/> (DC-PEAK)	16.9KV	23.3KV	28.2KV	32.4KV	35.3KV	<p>⑤ CT Secondary Feedback (X):</p> <p><input type="checkbox"/> X=5AAC</p> <p><input type="checkbox"/> X=1AAC</p> <p>CT terminals labeled C1, C2 CT current is proportional to the primary current +/-5%</p>
(Open circuit)	TAP 1	TAP 2	TAP 3	TAP 4	TAP 5																				
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<p>⑥ Tertiary Voltage: <input type="checkbox"/> 100VAC <input type="checkbox"/> 120VAC</p> <p>Nominal voltage ±5%, 100VA, fused for 1.25A. Terminals labeled Y1, Y2. (Actual tertiary voltage depends on input voltage variation from nominal).</p>	<p>Thermal Sensor: Rated 5-48VDC, 120VAC @ 1 amp Max. Normally closed contact set to open at 87°C Switch contacts labeled T1, T2.</p>
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<p>⑦ Insulating Oil:</p> <p><input type="checkbox"/> Cross Grade 206 mineral oil.</p> <p><input type="checkbox"/> Dow Corning 561 Silicone fluid. *</p>	<p>Paint System:</p> <p><input type="checkbox"/> Standard ASA 61 grey enamel. (Lid Unfinished)</p> <p><input type="checkbox"/> Megatran 50 premium paint system ASA 61 grey. (Lid Unfinished)</p> <p><input type="checkbox"/> 316L stainless steel tank.</p>	<p>⑧ Optional Features</p> <p><input type="checkbox"/> Pressure Switch (Ex) Lid mounted, SPDT switch contacts. *</p> <p><input type="checkbox"/> Temperature Switch (Ex) Lid mounted, SPDT switch contacts. *</p> <p><input type="checkbox"/> Oil Level Switch: End user is required to install an Intrinsic Safety Barrier. Switch contacts to indicate low level (S1, S2)</p> <p><input type="checkbox"/> 316 Stainless Steel Nameplate.</p>
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KVA	(DIMENSIONS IN INCHES)													OIL (GAL)	WGT (LBS)
	A	B	C	D	E	F	G	H	J	K	L	M	N		
<input type="checkbox"/> 25	25	25	56	33.50	55	47.25	13.61	17.11	28	21	14	23.75	15	130	2350
<input type="checkbox"/> 37.5	25	25	56	33.50	55	47.25	13.61	17.11	28	21	14	23.75	15	130	2500
<input type="checkbox"/> 50	30	30	57.50	38.50	60	48.25	13.61	17.11	33	26	20	23.75	15	185	3200
<input type="checkbox"/> 60	30	30	57.50	38.50	60	48.25	13.61	17.11	33	26	20	23.75	15	185	3275
<input type="checkbox"/> 75	30	30	57.50	38.50	60	48.25	13.61	17.11	33	26	20	23.75	15	185	3350
<input type="checkbox"/> 100	35	35	57.50	43.50	72	48.25	20.69	24.18	38	31	20	23.75	15	290	4900
<input type="checkbox"/> 125	35	35	57.50	43.50	72	48.25	20.69	24.18	38	31	20	23.75	15	290	5050
<input type="checkbox"/> 150	35	35	57.50	43.50	72	48.25	20.69	24.18	38	31	20	23.75	15	290	5200



DATE 01/26/12	DRAWING No. A135404	REVISED 02/20/13	REV B	APPROVAL RJK	NWL	ISO 9001:2008 CERTIFIED
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