



Asia Trafo Co., Ltd

SPECIFICATION OF OIL IMMERSED VOLTAGE TRANSFORMER

VOLTAGE TRANSFORMER SPECIFICATION

22000/230 V 1Ph. 50 Hz.

500VA. CLASS 3.0

88/99 หมู่ 12 ซ. สุนทรวิภาค ถ.บางพลี - ตำหนุ ต.บางปลา อ.บางพลี จ.สมุทรปราการ 10540 Tel. (02) 346-0980-7 Fax. (02) 346-0978-9

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SPEC NO.

S-VT22000-230V

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TECHNICAL DATA FOR 22000/230 V 1Ph. 50 Hz. 500VA. CLASS 3.0

No.	Description	Unit	Guaranteed Value		
22/0.23 kV voltage transformers					
1	Manufacture's name	-	ASIA TRAF0 CO.,LTD.		
2	Country of origin	-	Thailand		
3	Type of transformer	-	Outdoor Installation, 1 Phase		
4	Applied standard	-	IEC 61869-1, IEC 61869-3		
5	Type of outer insulation	-	Oil Immersed		
Rating					
7	Norminal voltage	kV	22		
8	Highest voltage for equipment Um	kV	24		
9	Rated primary voltage	kV	22		
10	Rated secondary voltage	V	230		
11	Rated frequency	Hz	50		
12	Rated Burden	VA	500		
13	Accuracy class	-	3.0		
14	Rated voltage factor	-	1.2 Continuous and 1.9 at 30 sec		
15	Minimum nominal specific creepage distance	mm/kV	≥ 25		
16	Rated power frequency withstand voltage on primary and secondary winding	kVrms	50/3		
17	Rated lightning impulse withstand voltage	kVpeak	125		
18	Class of insulation	-	A (105 °C)		
Weight / dimensions and installation					
19	Primary terminals / Primary connector	-	Solderless clamp type terminal connector		
20	Secondary terminals	-	Brass stud type / M6		
21	Earth terminal	-	for 35-50 mm ² ACSR conductor		
22	Altitude	-	Up to 1,000 m above sea level		
23	Maximum temperature-rise test of winding	k	60		
24	Maximum ambient temperature	°C	40		
25	Dimension (WxLxH)	mm	533 x 579 x 739		
26	Total weight (approx.)	kg	≤ 55		
Other					
27	Accessories as per the specification	-	Yes		
Test requirements					
28	Type test reports	-	Yes		
29	Routine test reports	-	Yes		
Rev	Date	Prepared by	Checked by	Approved by	Signature
00	12/6/2566	รัฐมนตรา	กิตติ	กิตติ	
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Accessories

- HV & LV Bushing with terminal connectors
- Name plate
- Bird guard cap
- Earthing terminal
- Other ... Factory standard

Type test

- Temperature-rise test
- Short-circuit withstand capability test
- Lightning impulse test
- Wet test for outdoor type transformer
- Test for accuracy

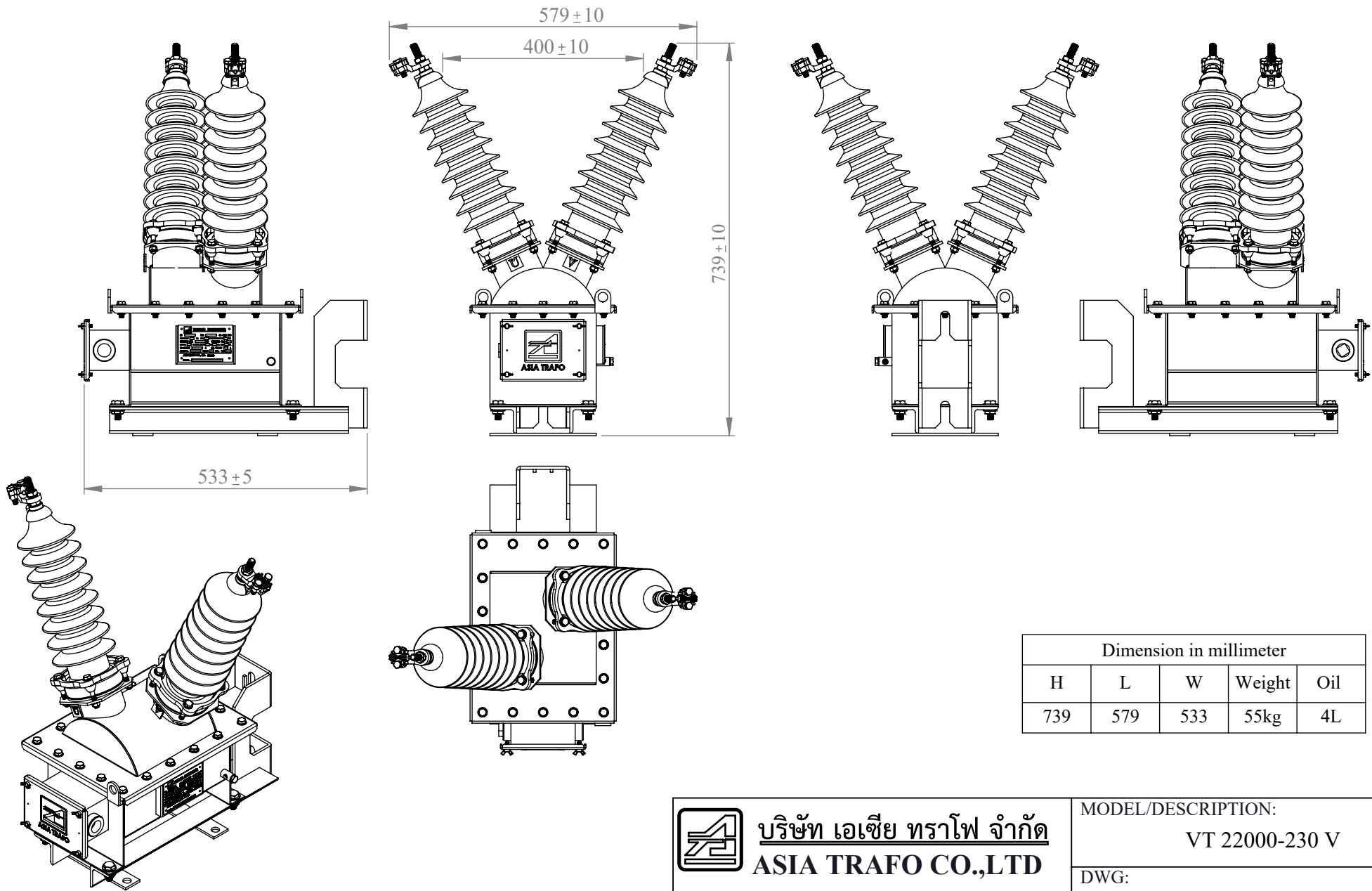
Routine test

- Verification marking
- Insulation resistance
- Power frequency voltage withstand tests on primary terminals
- Power frequency voltage withstand test on secondary terminals
- Partial discharge measurement
- Induce overvoltage withstand test
- Test for accuracy

with

without

Rev	Date	Prepared by	Checked by	Approved by	Signature
00	12/6/2566	รัฐมนตรา	กิตติ	กิตติ	
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Dimension in millimeter				
H	L	W	Weight	Oil
739	579	533	55kg	4L



บริษัท เอเชีย ทราฟ จำกัด
ASIA TRAF0 CO.,LTD



DIMENSION IN MILLIMETER

MODEL/DESCRIPTION:
 VT 22000-230 V

DWG:
 1P-22-04

WORK NO :
 QTY.....EA

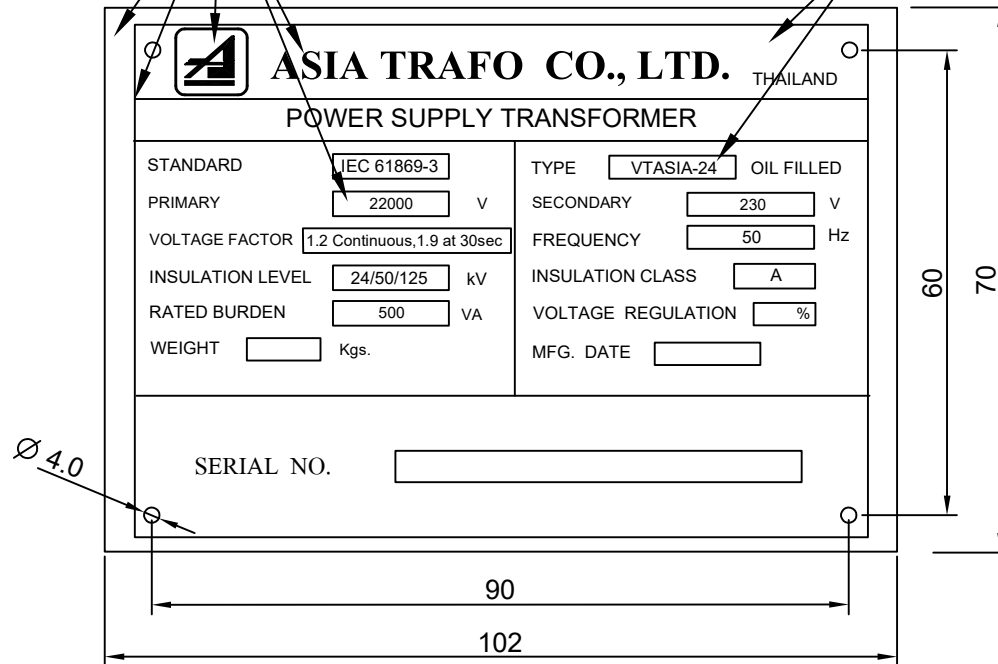
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Rev.No.	Revision Note

DESIGNED	รัฐมนตรา	12/6/2566
CHECKED	กิตติ	12/6/2566
APPROVED	กิตติ	12/6/2566

SCALE:
 REV:02 SHEET 1 OF 1

ขอบนอกช่องตัวหนังสือและเส้น (สื่อลูมิเนียม)

พื้น+ตัวหนังสือในช่อง(สีน้ำเงิน)



ความหนา 1 มิลลิเมตร (mm)

หน่วย : มิลลิเมตร (mm)

	บริษัท เอเชีย ทราฟ จำกัด ASIA TRAF0 CO.,LTD	MODEL/DESCRIPTION :		VT 22000-230 V	
		DWG.No :		1P-22-04	
	DIMENSION IN MILLIMETER	WORK NO :		QTY..... EA	
△	DESIGNED	รัฐมนตรา	12/6/2566	SCALE :	
△	CHECK	กิตติ	12/6/2566	REV : 00	
Rev No.	Revision Note.	APPROVED	กิตติ	12/6/2566	SHEET 1 OF 1