



Asia Trafo Co., Ltd

SPECIFICATION OF OIL IMMERSED VOLTAGE TRANSFORMER

VOLTAGE TRANSFORMER SPECIFICATION

24000/120 V 1Ph. 50 Hz.

50VA. Class 0.5

88/99 หมู่ 12 ซ. สุนทรวีภาค 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-VT24000-120V

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TECHNICAL DATA FOR 24000/120 V 1Ph. 50 Hz. 50VA. Class 0.5

No.	Description	Unit	Guaranteed Value		
	24/0.12 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	24		
8	Highest voltage for equipment Um	kV	24		
9	Rated primary voltage	kV	24		
10	Rated secondary voltage	V	120		
11	Rated frequency	Hz	50		
12	Rated Burden	VA	50		
13	Accuracy class	-	0.5		
14	Rated voltage factor	-	1.2 Continuous and 1.5 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	412 x 575 x 684		
26	Total weight (approx.)	kg	≤50		
	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	รัฐมนตรี	กิตติ	กิตติ	
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Accessories

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

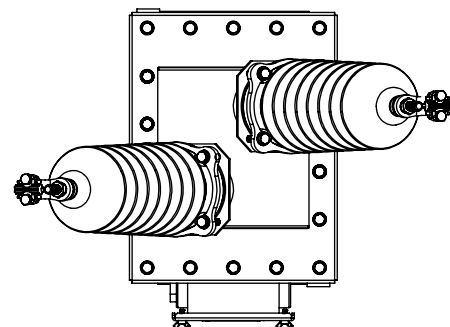
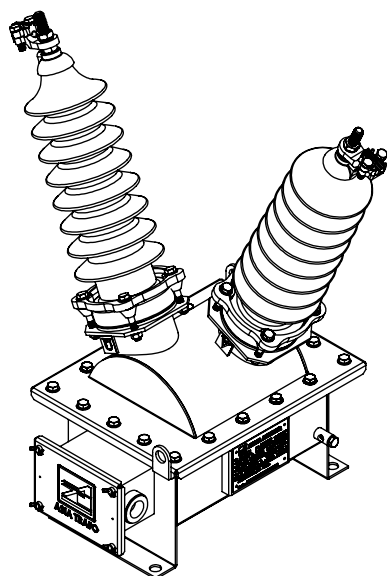
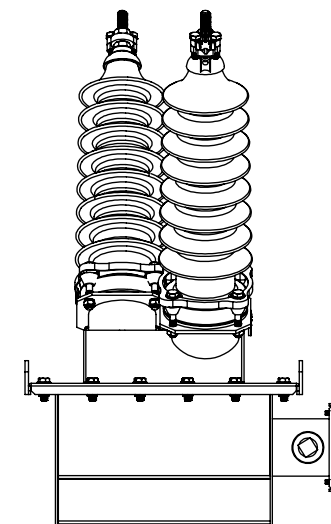
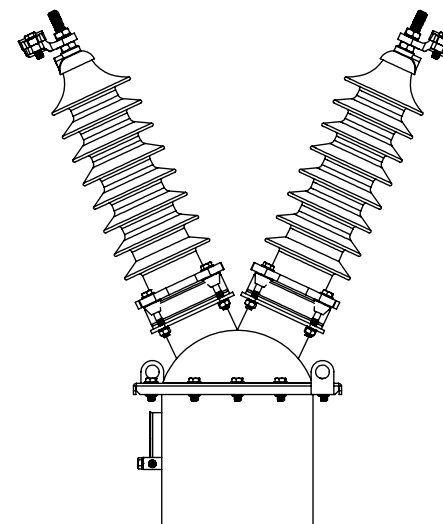
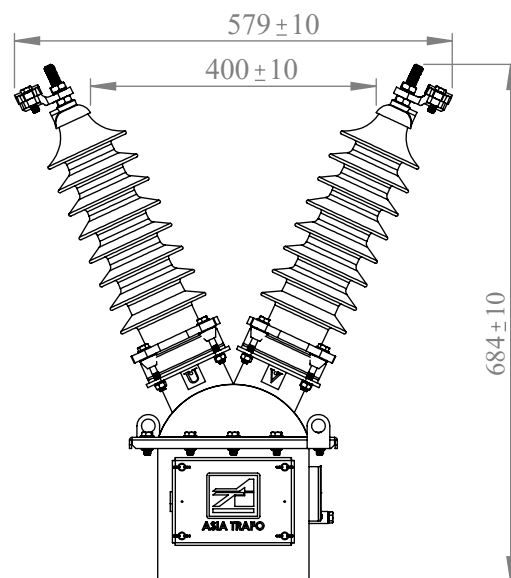
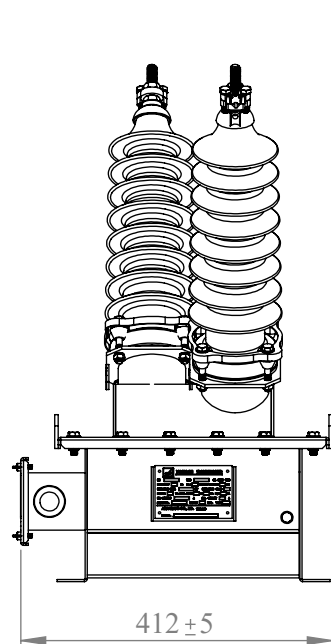
Routine test

- 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
684	575	412	45kg	4L

△		DESIGNED	รัฐมนตรา	12/6/2566	WORK NO : QTY.....EA
△		CHECKED	กิตติ	12/6/2566	
Rev.No.	Revision Note	APPROVED	กิตติ	12/6/2566	REV:02
					SHEET 1 OF 1



บริษัท เอเชีย ทราฟ จำกัด
ASIA TRAF0 CO.,LTD



DIMENSION IN MILLIMETER

MODEL/DESCRIPTION: VT 24000-120 V	
DWG: 1P-24-01	
WORK NO : QTY.....EA	
SCALE:	
REV:02	SHEET 1 OF 1

ขอบนอกช่องตัวหนังสือและเส้น (สื่อภูมิเนียม)

พื้น+ตัวหนังสือในช่อง(สีน้ำเงิน)

Technical drawing of a voltage transformer label. The label is rectangular with a white background and black text. It features a logo on the left and a table of specifications in the center. Dimensions are indicated with arrows and numbers: 70 (height), 60 (inner height), 90 (width), and 102 (total width). A hole is marked with a circle and Ø4.

 ASIA TRAFO CO., LTD. THAILAND	
VOLTAGE TRANSFORMER	
STANDARD	IEC 61869 - 3
PRIMARY	22000 V
VOLTAGE FACTOR	1.2 Continuous, 1.5 at 30sec
INSULATION LEVEL	24/50/125 kV
RATED BURDEN	50 VA
WEIGHT	Kgs.
TYPE	VTASIA-24 OIL FILLED
SECONDARY	110 V
FREQUENCY	50 Hz
INSULATION CLASS	A
ACC. CLASS	0.5
AMB. TEMPERATURE	-5 / +40 °C
MFG. DATE	
SERIAL NO. []	

หน่วย : มิลลิเมตร (mm)

 บริษัท เอเชีย ทราฟ จำกัด ASIA TRAFO CO.,LTD			MODEL/DESCRIPTION :	
			VT 24000-120 V	
 DIMENSION IN MILLIMETER			DWG.No :	
			1P-24-01	
			WORK NO :	
			QTY..... EA	
			SCALE :	
			REV : 00	
			SHEET 1 OF 1	

△		DESIGNED	รัฐมนตรา	12/6/2566
△		CHECK	กิตติ	12/6/2566
Rev No.	Revision Note.	APPROVED	กิตติ	12/6/2566