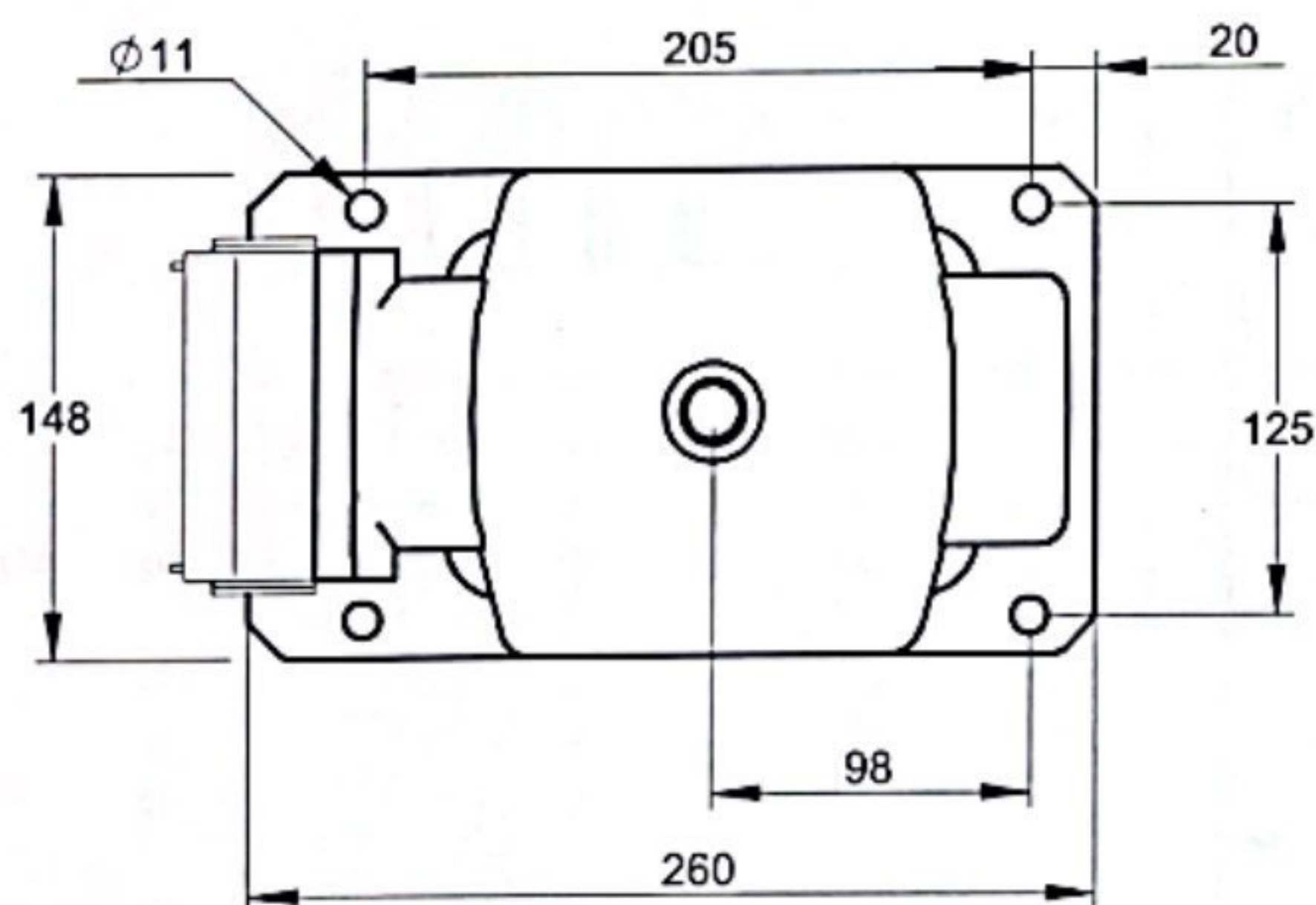
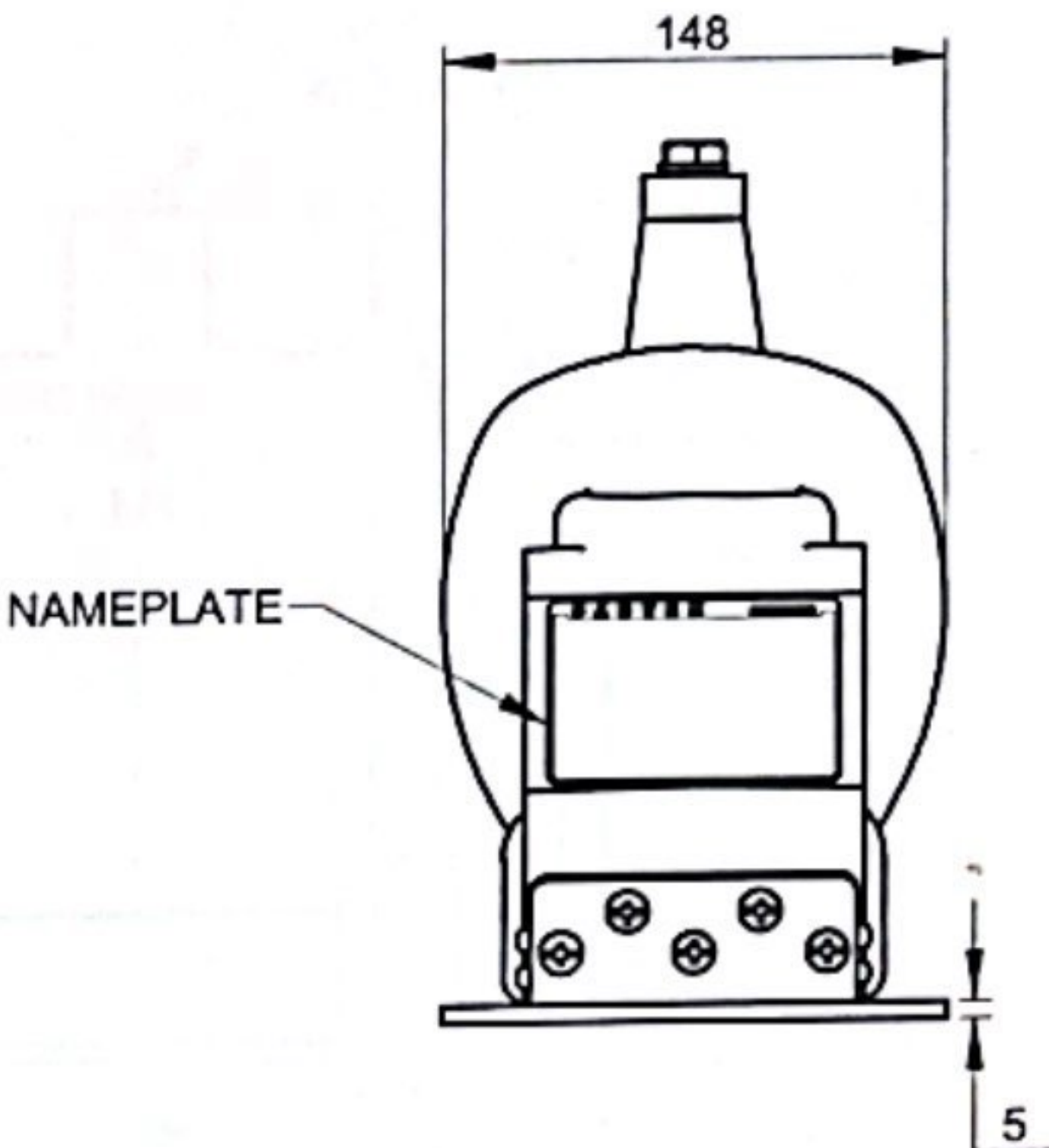
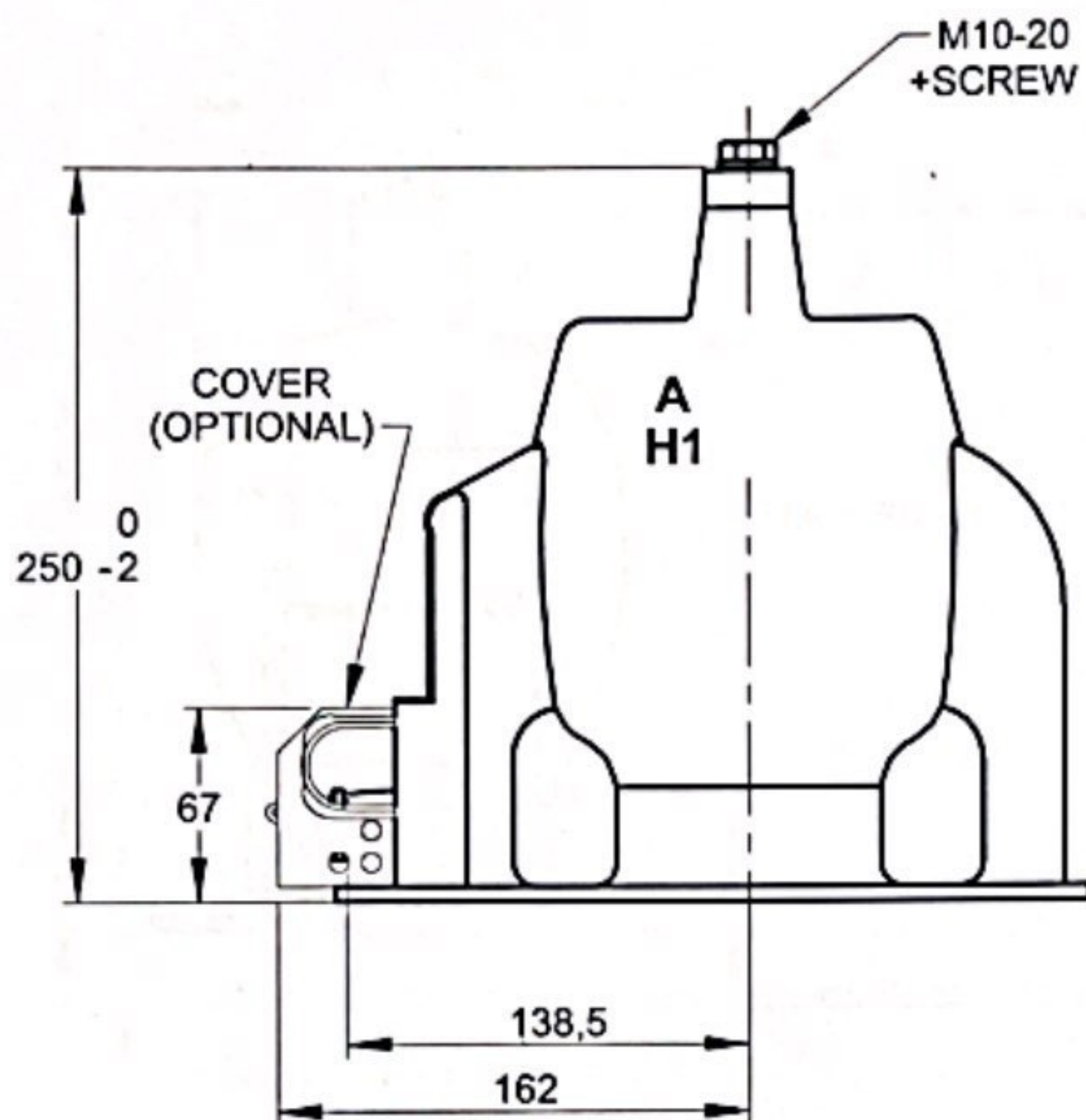


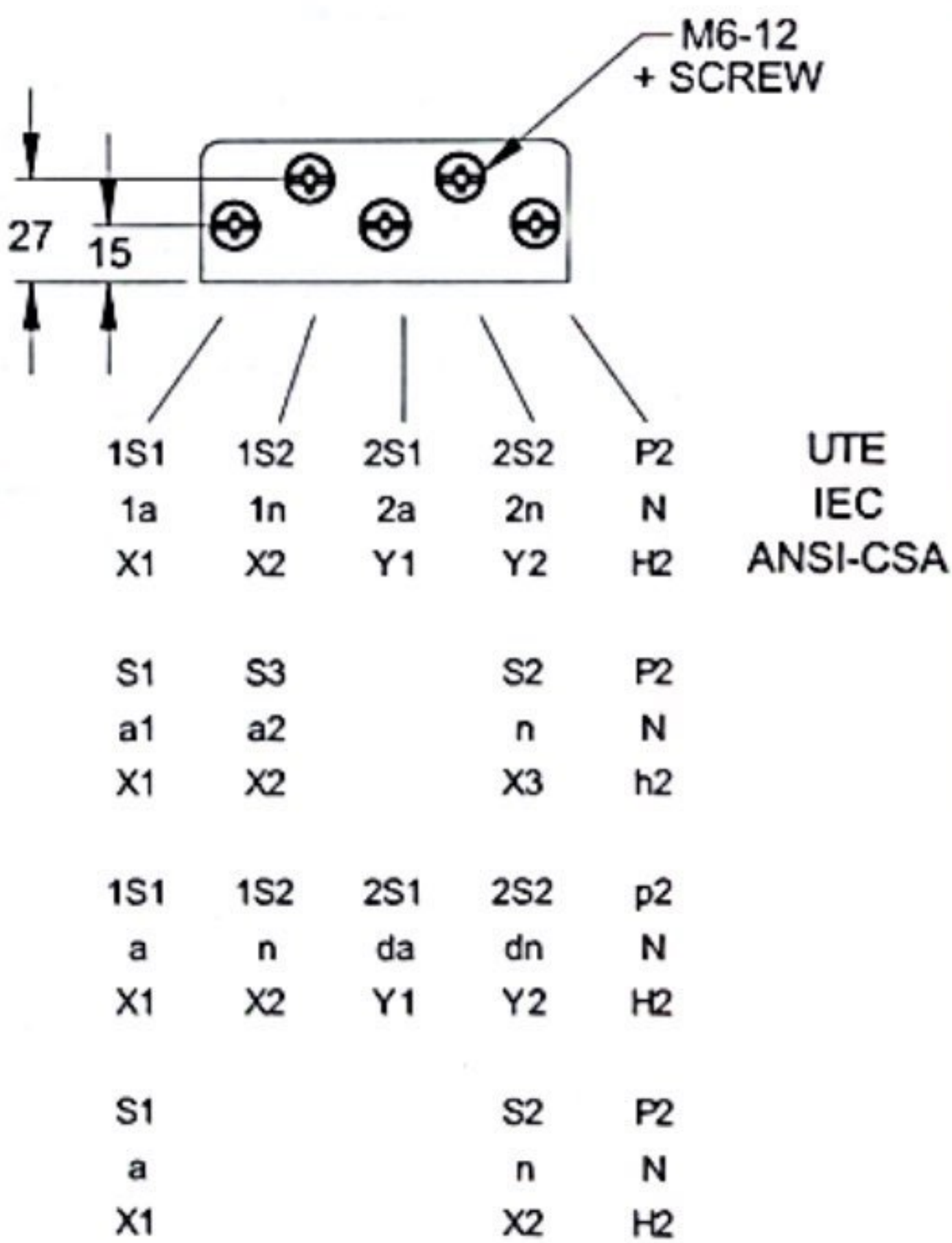
INDOOR VOLTAGE
TRANSFORMER

TYPE : Y24P

STANDARD : IEC - BS - ANSI - CSA
INSULATION LEVEL : up to 24/50/125kV
1 H.V. bushing



SECONDARY TERMINALS



RATED TIGHTENING TORQUE ($\pm 5\%$)
Primary terminal (M10) : 15 N.m
Secondary terminals (M6) : 3 N.m

Approx. Weight : 15 Kg

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Créat : 09.10.1997	SADTEM INSTRUMENT TRANSFORMERS	BP 655 59506 DOUAI CEDEX FRANCE	E N°2-32186
Rév: 29.09.2000			

VT's TERMINALS MARKING

PHASE TO PHASE

2 secondaries

1 secondary

	IEC VDE BS	ANSI CSA	AS		IEC VDE BS	ANSI CSA	AS
	A	H1	A2		A	H1	A2
	1a	X1	1a2		a	X1	a2
	1b	X2	1a1		b	X2	a1
	2a	Y1	2a2				
	2b	Y2	2a1				
	B	H2	A1		B	H2	A1

PHASE TO GROUND

1 secondary + residual

2 secondaries

	IEC VDE BS	ANSI CSA	AS		IEC VDE BS	ANSI CSA	AS
	A	H1	A2		A	H1	A2
	a	X1	1a2		1a	X1	1a2
	n	X2	1a1		1n	X2	1a1
	da	Y1	2a2		2a	Y1	2a2
	dn	Y2	2a1		2n	Y2	2a1
	N	H2	A1		B	H2	A1

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TYPICAL RATINGS OF EACH UNIT

ANSI – CSA 60 Hz

LINE TO LINE

LINE TO LINE

INSUL. kV	BIL kV	MAX.PRIM. kV	TYPE	AVAILABLE BURDENS (VA)			THERMAL VA
				1 SECONDARY	2 SECONDARIES		
5	60	4.8	V7P	0.6WX1.2Y			250
			V12G	0.6WXY	0.6WX	0.6WX	500
15	110	14.4	V24G	0.3WX 0.6Y	0.6WX	0.6WX	700
			RV15	0.3WXYZ	0.3WXY 0.6Z	0.3WXY 0.6Z	1750
27.5	125	25	V24G	0.3WX 0.6Y			700
			RV7-36	0.3WXY 0.6Z	0.3WXY	0.3WXY	1000
			RV9	0.3WXY 0.6ZZ	0.6WXYZ	0.6WXYZ	
			RV9	0.3WXYZ ZZ	0.3WXYZ	0.3WXYZ	
27.5	150	27.6	RV7-36	0.3WXY 0.6Z	0.6WXY	0.6WXY	1000
			RV7-36	0.3WYZ 0.6ZZ	0.6WXYZ	0.6WXYZ	
					0.3WXY	0.3WXY	
34.5	170	34.5	RV7-36	0.3WXY 0.6Z			1000
			RV7-36	0.3WXYZ	0.6WXY	0.6WXY	

LINE TO GROUND

LINE TO GROUND

INSUL. kV	BIL kV	MAX.PRIM. kV	TYPE	AVAILABLE BURDENS (VA)			THERMAL VA
				1 SECONDARY	2 SECONDARIES		
5	60	2.8	Y12G	0.3WX 0.6Y	0.6WX	0.6WX	400
15	110	8.4	Y24G2	0.3WXY 0.6Z	0.6WX	0.6WX	500
			RY15	0.3WXYZ	0.3WXY 0.6Z	0.3WXY 0.6Z	1500
27.5	125	14.4	Y24G2	0.3WXY 0.6Z	0.6WX	0.6WX	600
			Y24F	0.3WX			300
			RY7	0.3WXYZ	0.3WXY	0.3WXY	1000
27.5	150	14.4	RY6A	0.3WXY			500
			RY7	0.3WYZ	0.3WXY	0.3WXY	1000
34.5	170	20	RY6A	0.3WXY			500
			RY7	0.3WXYZ	0.3WXY	0.3WXY	1000
	200	20	RY8	0.3WXY 0.6Z	0.3WXY	0.3WXY	800

Rated voltage factor :

All units : 1.2xUn continuous

Phase to ground units : 1.9xUn-30sec (8h upon request)

AUXILIARY POWER

Thermal burden (220 secondary)

INSUL. kV	BIL kV	500 VA	1000 VA	2000 VA	3000 VA	4000 VA
12	75	V12G	RV6	RV7-36	RV9	RV9
17.5	95	V12G	RV6	RV9	RV9	RV9
24	125	V24G	RV7-36	RV9	RV9	RV9
36	170	RV7-36	RV7-36	—	—	—

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