



September, 1983
New Information
Mailed to: E, D, C/1981/DB

Intermediate Class
2.7-120 kV

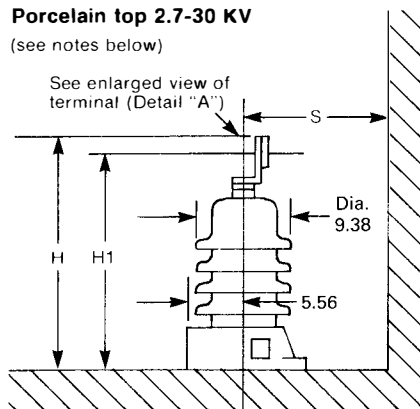
Type IMX Solid-State Metal Oxide Surge Arrester

Notes:

1. These arresters are good for 10,000 ft. Increase clearances "S" and "T" 3% for each 1000 ft. over 6000 ft.
2. When installed vent ports should be directed away from all adjacent apparatus.
3. Arrester assembly consists of arrester unit, line and ground terminals.
4. Minimum dimensions for arresters, other apparatus standards, other specifications or local codes may require greater spacing.

Porcelain top 2.7-30 kV

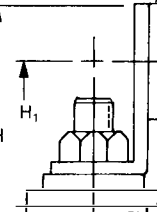
(see notes below)



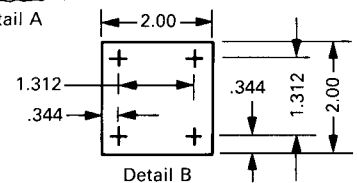
Line term. cable size
#2 to 350 MCM.
.255 to .681

See View B

Of Term.



Detail A



Detail B

Mounting Dimensions (3 Phase Installation Layout)

Mounting holes for .500 diameter bolts
(Thickness of lug on casing .750)

8.75 Diameter bolt circle

S-Radius

Exhaust Vent Ports

Horizontal limit for grounded objects

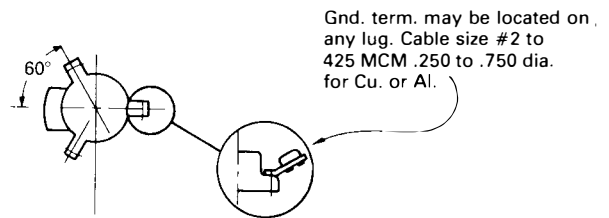
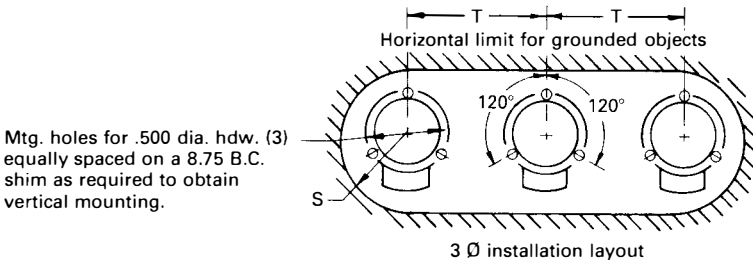
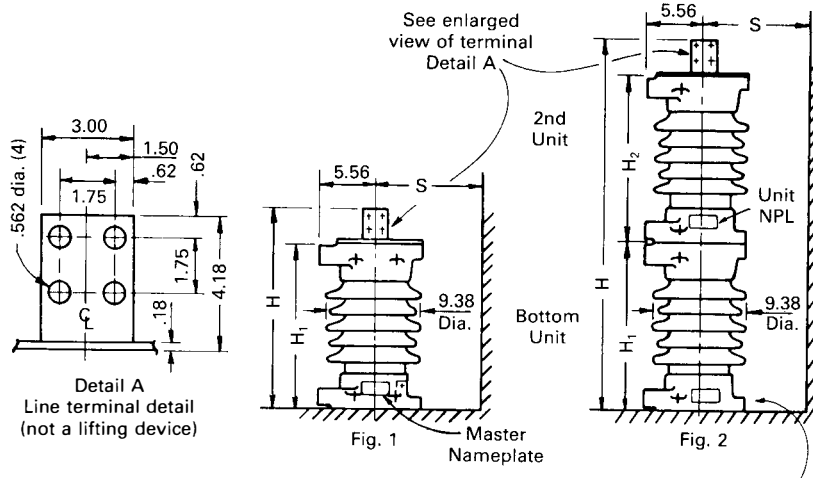
Dimensions, Inches Not to be used for construction purposes unless dimensions are approved.

Style Number	Arrester Rating kV-RMS	Dimensions (Inches)		See Note 4		Creep Inches	Weight (Lbs.)
		H	H ₁	S	T		
9232A30A02	2.7	14.436	13.496	7.0	11.5	15.1	39
9232A30A03	3.0	14.436	13.496	7.0	11.5	15.1	39
9232A30A04	4.5	14.436	13.496	7.0	11.5	15.1	42
9232A30A05	5.1	14.436	13.496	7.0	11.5	15.1	42
9232A30A06	6.0	14.436	13.496	7.0	11.5	15.1	42
9232A30A07	7.5	14.436	13.496	7.0	11.5	15.1	43
9232A30A08	8.5	14.436	13.496	7.0	11.5	15.1	43
9232A30A09	9.0	14.436	13.496	7.0	11.5	15.1	43
9232A30A10	10	14.436	13.496	7.0	11.5	15.1	44
9232A30A12	12	14.436	13.496	7.0	11.5	15.1	55
9232A30A15	15	18.437	17.497	7.5	12.5	20.7	57
9232A30A18	18	18.437	17.497	8.5	12.5	20.7	58
9232A30A21	21	22.436	21.496	9.5	13.0	20.7	68
9232A30A24	24	22.436	21.496	10.5	14.0	32	71
9232A30A27	27	22.436	21.496	11.5	15.0	32	72
9232A30A30	30	23.436	21.496	12.5	16.0	32	77



Notes:

1. These arresters are good for 10,000 ft. Increase clearances "S" and "T" 3% for each 1000 ft. over 6000 ft.
2. When installed vent ports should be directed away from all adjacent apparatus.
3. Arrester assembly consists of arrester unit, line and ground terminals, and terminal casting.
4. Minimum dimensions for arresters. Other apparatus standards, other specifications or local codes may require greater spacing.



Dimensions, Inches Not to be used for construction purposes unless dimensions are approved.

Style Number	kV Rating	MCOV	Figure Number	Dimensions in Inches						Weight (Lbs.)
				H	H ₁	H ₂	Note N4		Creep	
							S	T		
8046A10A03	3	2.4	1	18.91	14.72		7.50	11.50	16.03	42
8046A10A04	4.5	3.7	1	18.91	14.72		7.50	11.50	16.03	43
8046A10A06	6	4.9	1	18.91	14.72		8.50	12.50	16.03	44
8046A10A07	7.5	6.1	1	18.91	14.72		8.50	12.50	16.03	44
8046A10A09	9	7.3	1	18.91	14.72		9.50	13.50	16.03	45
8046A10A10	10.5	8.5	1	18.91	14.72		9.50	13.50	16.03	45
8046A10A12	12	9.7	1	18.91	14.72		10.50	14.50	16.03	45
8046A10A15	15	12	1	23.15	18.97		11.50	15.50	28.25	60
8046A10A18	18	15	1	23.15	18.97		12.50	16.50	28.25	61
8046A10A21	21	17	1	23.15	18.97		13.50	17.50	28.25	62
8046A10A24	24	19	1	23.15	18.97		14.50	18.50	28.25	63
8046A10A27	27	22	1	27.94	23.75		15.50	19.50	41.47	78
8046A10A30	30	24	1	27.94	23.75		16.50	20.50	41.47	79
8046A10A33	33	27	1	27.94	23.75		17.50	21.50	41.47	80
8046A10A36	36	29	1	27.94	23.75		18.50	22.50	41.47	81
8046A10A39	39	32	1	29.34	25.16		19.50	23.50	45.38	86
8046A10A42	42	34	1	29.34	25.16		20.00	24.00	45.38	87
8046A10A45	45	37	1	33.62	29.44		20.50	24.50	58.00	105
8046A10A48	48	39	1	33.62	29.44		21.50	25.50	58.00	106
8046A10A51	51	41	1	33.62	29.44		22.50	26.50	58.00	107
8046A10A54	54	44	1	33.62	29.44		23.50	27.50	58.00	108
8046A10A60	60	49	1	40.22	36.03		25.50	29.50	78.13	127
8046A10A72	72	58	1	40.22	36.03		29.50	33.50	78.13	132
8046A10A75	75	61	1	40.22	36.03		31.00	35.00	78.13	133
8046A10A84	84	68	1	45.90	41.72		35.00	39.00	95.00	152
8046A10A90	90	73	1	45.90	41.72		37.00	42.00	95.00	154
8046A10A96	96	78	1	51.59	47.41		40.00	45.00	113.00	173
8046A01A02	102	83	1	51.59	47.41		42.00	48.00	113.00	175
8046A01A08	108	88	1	51.59	47.41		45.00	50.00	113.00	176
8046A01A20	120	97	2	76.25	36.03	36.03	50.00	56.00	156.26	254