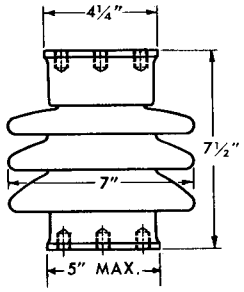
STATION-POST INSULATORS—7.5-34.5 KV

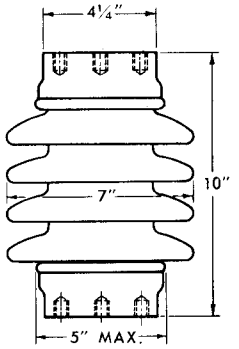
3" BOLT CIRCLE, NEMA STANDARD

FEATURES

- Purified Porcelain
- Controlled Compression Glaze
- Jig-Assembled
- High Mechanical and Electrical Strength
- No-Grow Cement, Shrinkage Controlled



Cat. No. 1750
TR 202



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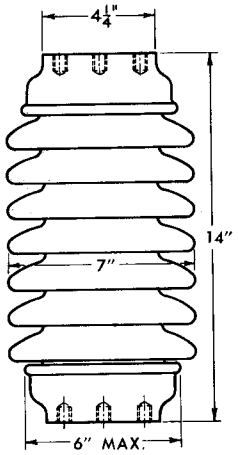
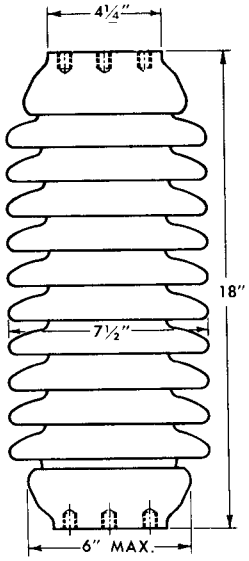
TR 205



Cat. No. 1752
TR 208



Cat. No. 1753
TR 210

Note: All top and bottom caps shown on this page have 4 tapped holes ½"—13 NC-2 on 3" bolt circle.

ELECTRICAL PROPERTIES

Voltage Rating, KV		NEMA Tech. Ref. No.	Cat. No.	Flashover Voltage, KV				Withstand Voltage, KV		Radio-Influence Voltage		Leakage Distance, Inches	Dry Arcing Distance, Inches
				60-Cycle		Impulse†		60-Cycle		Test Voltage to Ground, KV—Rms	Max. Radio Influence Voltage, Microvolts at 1000 Kc		
BIL	Nom.			Dry	Wet	Pos.	Neg.	Dry 1 Min.	Wet 10 Sec.				
95	7.5	202	**1750**	60	40	105	120	36	30	5	50	10½	6
110	15	205	**1751**	85	55	125	200	50	45	10	50	15½	7¼
150	23	208	**1752**	110	75	170	250	70	60	15	100	24	10½
200	34.5	210	**1753**	145	100	225	290	95	80	22	100	37	14½

MECHANICAL PROPERTIES

Voltage Rating, KV		NEMA Tech. Ref. No.	Cat. No.	Cantilever Strength, Pounds		Tension Strength, Pounds	Torsion Strength, In.—Lb	Compression Strength, Pounds	Tension Proof Test Load, Pounds	Number in Standard Package	Weight Per Unit, Pounds	
				Upright	Under-hung						Net	Package
95	7.5	202	**1750**	2000	2000	5000	6000	10,000	1250	4	13.7	15.5
110	15	205	**1751**			5000	7000	10,000	1250	3	17.3	19.7
150	23	208	**1752**			5000	8000	10,000	1250	2	30.0	32.5
200	34.5	210	**1753**			7000	10,000	15,000	1750	2	40.0	43.0

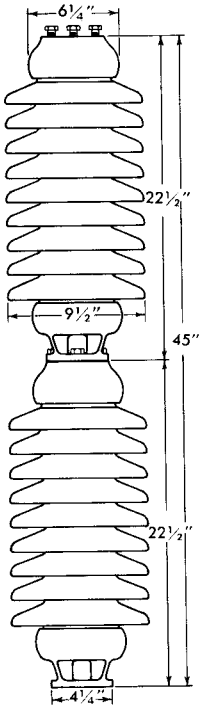
† Crest kV 1½ x 40 microsecond wave, critical value.

STATION-POST INSULATORS—STACKING, 115—138 KV

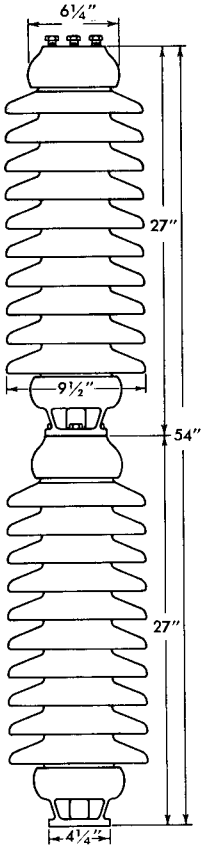
3″ BOLT CIRCLE

FEATURES

- High-Strength Porcelain
- Pedestal Post Concept Minimizes Inventory
- Identical Units in Stack
- Standard Electrical-Mechanical Ratings at a Cost-Saving.



Stack No. 1795
(2) No. 1775



Stack No. 1797
(2) No. 1777

Note: Caps have 4 tapped holes ½″—13 NC-2 on 3″ bolt circle.
Pins have 4 holes 9/16″ dia. on 3″ bolt circle.

ELECTRICAL PROPERTIES

Voltage Rating, KV		Stack Cat. No.	Flashover Voltage, KV				Withstand Voltage, KV		Radio-Influence Voltage		Leakage Distance, Inches	Dry Arcing Distance, Inches
			60-Cycle		Impulse†		60-Cycle		Test Voltage to Ground, KV—Rms	Max. Radio Influence Voltage, Microvolts at 1000 Kc		
BIL	Nom.		Dry	Wet	Pos.	Neg.	Dry 1 Min.	Wet 10 Sec.				
550	115	1795	385	285	610	780	280	230	73	200	99	36
650	138	1797	435	335	710	900	335	275	88	200	116	45

MECHANICAL PROPERTIES

Voltage Rating, KV		Stack Cat. No.	Cantilever Strength, Pounds		Tension Strength, Pounds	Torsion Strength, In.—Lb	Compression Strength, Pounds	Number in Standard Package	Weight Per Unit, Pounds	
BIL	Nom.		Upright	Underhung					Net	Package
550	115	1795	1700	1700	20,000	40,000	60,000	½	150	170
650	138	1797	1450	1450					170	196

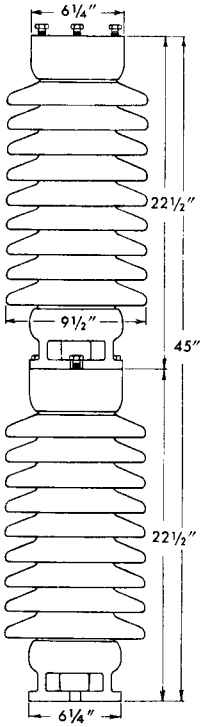
† Crest kV 1½ x 40 microsecond wave, critical value.

STATION-POST INSULATORS—STACKING, 115—138 KV

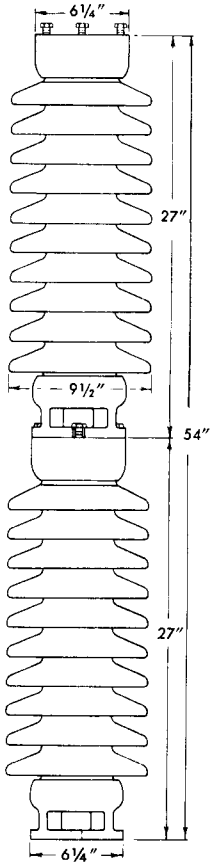
5″ BOLT CIRCLE

FEATURES

- High-Strength Porcelain
- Pedestal Post Concept Minimizes Inventory
- Identical Units in Stack
- Standard Electrical-Mechanical Ratings



Stack No. 1790*
(2) No. 1785



Stack No. 1791
(2) No. 1787

* Meets mechanical and electrical requirements of TR 286.

Note: Caps have 4 tapped holes $\frac{5}{8}$″—11 NC-2 on 5″ bolt circle.
Bases have 4 slots $\frac{11}{16}$″ wide on 5″ bolt circle.

ELECTRICAL PROPERTIES

Voltage Rating, KV		Stack Cat. No.	Flashover Voltage, KV				Withstand Voltage, KV		Radio-Influence Voltage		Leakage Distance, Inches	Dry Arcing Distance, Inches
			60-Cycle		Impulse†		60-Cycle		Test Voltage to Ground, KV—Rms	Max. Radio Influence Voltage, Microvolts at 1000 Kc		
BIL	Nom.		Dry	Wet	Pos.	Neg.	Dry 1 Min.	Wet 10 Sec.				
550	115	**1790**	385	285	610	780	280	230	73	200	99	36
650	138	**1791**	435	335	710	900	335	275	88	200	116	45

MECHANICAL PROPERTIES

Voltage Rating, KV		Stack Cat. No.	Cantilever Strength, Pounds		Tension Strength, Pounds	Torsion Strength, In.—Lb.	Compression Strength, Pounds	Number in Standard Package	Weight Per Stack, Pounds	
BIL	Nom.		Upright	Underhung					Net	Package
550	115	**1790**	1700	1700	20,000	40,000	60,000	½	166	178
650	138	**1791**	1450	1450					196	210