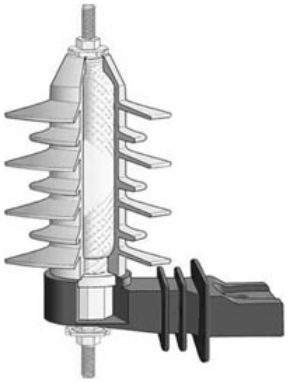
Zforce ZHP Arresters

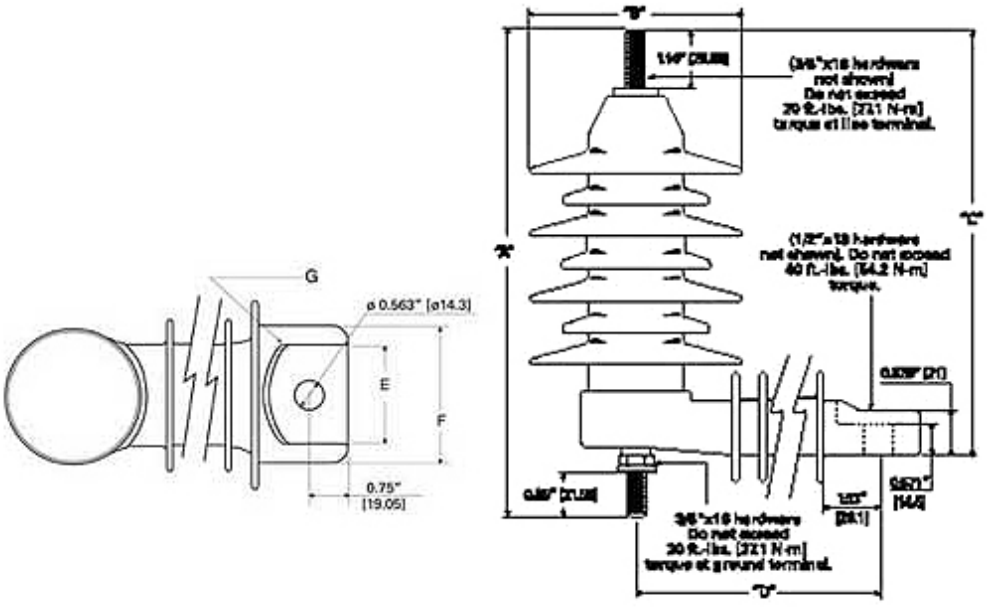


Features:

- Zforce arresters have mold-on polymer housing for the ultimate seal against moisture ingress
- High strength Fiberglass for high fault-withstand design
- Integrated Ground Lead Disconnet for fast, reliable operation. Operates in less than 2 seconds at 1 amp and less than 2 cycles at 1,000 amps

Performance:

- The ZHP designs are tested in accordance with the latest ANSI/IEEE standards for metal oxide arresters. (patent no. 5,923,518
  1. High Currect - Sort Duration 100kA
  2. Low Current - Lon Duration 250 amps
  3. Nominal discharge class per IEC 10kA
  4. Duty Cycle - 10kA
  5. Line Discharge Class per IEC: Class 1
  6. Minimum Energy Capability - 100% production tests: 2.7kJ/kV
  7. Fault Withstand Capability: 20kA
  8. REA Listed



Representante en Perú

Promelsa

DONDE ILUMINAN LAS NUEVAS IDEAS

ZHP Heavy Duty -Protective Characteristics											
Catalog Number	Voltage Rating (Ur) (kV rms)	MCOV (Uc) (kVrms)	Equivalent F.O.W. kV (Crest)	Switching Surge kV (crest)	Discharge Voltage (1.5kA)	Discharge Voltage (2.5kA)	Discharge Voltage (3kA)	Discharge Voltage (5kA)	Discharge Voltage (10kA)	Discharge Voltage (20kA)	Discharge Voltage (40kA)
ZHP003	3	2.55	11.5	7.5	8.4	8.6	8.7	9.2	10.2	11.6	13.7
ZHP006	6	5.1	23.4	15.1	17.1	17.5	17.7	18.8	20.7	23.6	27.7
ZHP009	9	7.65	33.5	21.6	24.4	25.0	25.4	26.8	29.6	33.8	39.7
ZHP010	10	8.4	36.3	23.5	26.5	27.2	27.5	29.1	32.1	36.6	43.0
ZHP012	12	10.2	43.5	28.2	31.8	32.6	33.0	34.9	38.5	44.0	51.6
ZHP015	15	12.7	54.2	35.0	39.5	40.5	41.0	43.4	47.9	54.7	64.2
ZHP018	18	15.3	65.6	42.4	47.8	49.1	49.7	52.6	58.0	66.2	77.7
ZHP021	21	17.0	70.2	45.4	51.2	52.5	53.2	56.3	62.1	70.9	83.2
ZHP024	24	19.5	87.9	56.8	64.1	65.7	66.6	70.4	77.7	88.7	104.1
ZHP027	27	22.0	98.7	63.8	72.0	73.9	74.8	79.1	87.3	99.7	117.0
ZHP030	30	24.4	109.6	70.9	79.9	82.0	83.0	87.8	96.9	110.6	129.9
ZHP036	36	29.0	131.3	84.9	95.8	98.2	99.5	105.2	116.1	132.6	155.6

Notes:

1. Reduce creepage by 1.45 inches (36.8mm) when ordering without insulating bracket.
2. Weight does not include metal mounting hardware.
3. MCOV = Maximum Continuous Operating Voltage that may be applied continuously between the terminals of the arrester.
4. The equivalent Front-of-Wave is the maximum discharge voltage for a 10kA impulse current wave which produces a voltage wave cresting in 0.5 µs
5. Based on switching surge current imulse of 45x90 µs, 500 amperes.

ZHP Physical Data													
Catalog Number	Voltage Rating (Ur) (kV rms)	Creepage (in)	Strike (in)	A	B (in)	C (in)	D (in)	Weight Ea (lbs)	Bracket Creepage (in)	Ins Bracket No. Skirts	E (in)	F (in)	G (in)
ZHP003-0000000	3	7.96	5.47	6.52	4.30	5.40	3.93	2.3	4.60	3	1.875	2.70	1.312
ZHP006-0000000	6	11.94	6.02	7.66	4.30	6.54	3.93	3.0	4.60	3	1.875	2.70	1.312
ZHP009-0000000	9	15.92	7.76	8.80	4.30	7.68	3.93	3.6	4.60	3	1.875	2.70	1.312
ZHP010-0000000	10	15.92	7.76	8.80	4.30	7.68	3.93	3.6	4.60	3	1.875	2.70	1.312
ZHP012-0000000	12	18.28	8.21	9.14	4.30	8.02	3.93	3.7	4.60	3	1.875	2.70	1.312
ZHP015-0000000	15	19.90	8.91	9.94	4.30	8.82	3.93	4.2	4.60	3	1.875	2.70	1.312
ZHP018-0000000	18	24.24	10.01	11.09	4.30	10.02	5.43	4.9	9.16	6	2.13	2.95	1.656
ZHP021-0000000	21	27.87	11.40	12.23	4.30	11.16	5.43	5.9	9.16	6	2.13	2.95	1.656
ZHP024-0000000	24	31.85	12.54	13.37	4.30	12.30	5.43	6.5	9.16	6	2.13	2.95	1.656
ZHP027-0000000	27	35.83	13.69	14.51	4.30	13.44	5.43	7.1	9.16	6	2.13	2.95	1.656
ZHP030-0000000	30	39.92	14.52	15.66	4.30	14.59	5.43	7.8	9.16	6	2.13	2.95	1.656
ZHP036-0000000	36	43.90	15.51	16.78	4.30	15.71	5.43	8.4	9.16	6	2.13	2.95	1.656