OUTDOOR
VOLTAGE TRANSFORMERS
for Revenue Metering

Designed for MOF

VPF Series

Introduction

Designed to be part of a MOF (Metering Outfit) for billing purposes, the *VPF Series* voltage transformers are insulated with Araldite® UV-resistant cycloaliphatic epoxy resin, enabling these outdoor products to withstand long-term exposure to solar ultraviolet radiation, salt fog, high temperature, high humidity, as well as other harsh environmental conditions. The choice of numerous power companies, these voltage transformers have been subjected to tough outdoor conditions for more than 20 years while continuing to perform with stable quality. High in customer satisfaction, the *VPF Series* voltage transformers are manufactured under exact procedures and stringent quality control, thus ensuring product reliability and great service life.

Specifications

- For outdoor MOF (Metering Outfit)
- Maximum System Voltage: 15.5 ~ 36.5 kV
- Standard: IEC or IEEE*
- Frequency: 50 or 60 Hz

* Other standards and specifications available.

Selection Table

Model	Num. of Poles	System Voltage (kV)	Primary Voltage (kV)	Secondary Voltage (V)	Burden / Accuracy	Thermal Burden (VA)	AC/BIL (kV)	Creepage (mm)	Approx. Weight (kg)	Design
VPF-10AE	1	15.5	11.4/√3 8.4	190/√3 120	25 VA / 0.3	200	34 / 110	500	25	Fig. 1
VPF-12E		15.5	11.4/√3 8.4	190/√3 120	25 VA / 0.3	200	34 / 110	570	37	Fig. 2
VPF-20SAE		25.5	22.8/√3 13.2	190/√3 110	25 VA / 0.3	500	50 / 150	665	49	Fig. 3
VPF-24E		25.5	22.8/√3 13.2	190/√3 110	25 VA / 0.3	500	50 / 150	655	38	Fig. 4
VPF-30SDE		36.5	20.125	115	0.3 W, X, M, Y	1000	70 / 200	965	48	Fig. 5
VPF-30CE-3		36.5	20.125	115	0.3 W, X, M, Y	1500	70 / 200	1060	69	Fig. 6
VPF-10A	2	15.5	11	110	25 VA / 0.3	200	34 / 110	400	25	Fig. 7
VPF-12		15.5	11	110	25 VA / 0.3	200	34 / 110	540	38	Fig. 8
VPF-20SA-1		25.5	22	110	25 VA / 0.3	500	50 / 150	675	49	Fig. 9
VPF-24		25.5	22	110	25 VA / 0.3	500	50 / 150	615	39	Fig. 10
VPF-30S (for IEC Pollution Level IV)		36.5	36	110	500 VA / 3.0 300 VA / 1.0 150 VA / 0.5 75 VA / 0.3 50 VA / 0.2	1000	70 / 200	1315	74	Fig. 11

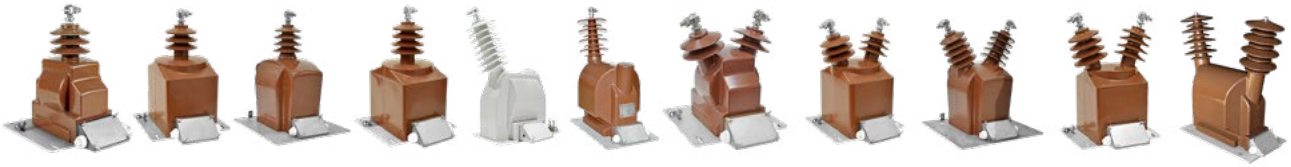

Fig. 1 Fig. 2 Fig. 3 Fig. 4 Fig. 5 Fig. 6 Fig. 7 Fig. 8 Fig. 9 Fig. 10 Fig. 11

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