

TPH3 MV Oil Immersed Voltage Transformer



STALCO S.A.

ELECTRICAL EQUIPMENT INDUSTRY



GENERAL

The TPH3 outdoor oil immersed voltage transformer is suitable for measuring 20kV or 20/15kV medium voltage in a 50Hz system according to IEC 60044-2.

PRODUCT DESCRIPTION

The Transformers can operate and be stored in temperatures between -25°C and 40°C and average annual humidity more than 75% in an altitude below 1000m from sea level.

The outer shell of the transformer is made of specially formed hot dip galvanized, 3mm thick, steel sheet. The medium voltage insulators are made of high quality brown porcelain. The medium voltage terminals are made of tin plated brass. All the washers used are made of high endurance elastic. The coils are immersed in insulating transformer oil after being impregnated with special insulating resin with VPI procedure.

The secondary terminal box is fully rain and moisture proof. The design ensures that moisture due to condensation drains from the terminal box.

The creepage distance of the product is more than 744mm (Pollution Level IV-Very Heavy).

The accuracy class is 0.5.

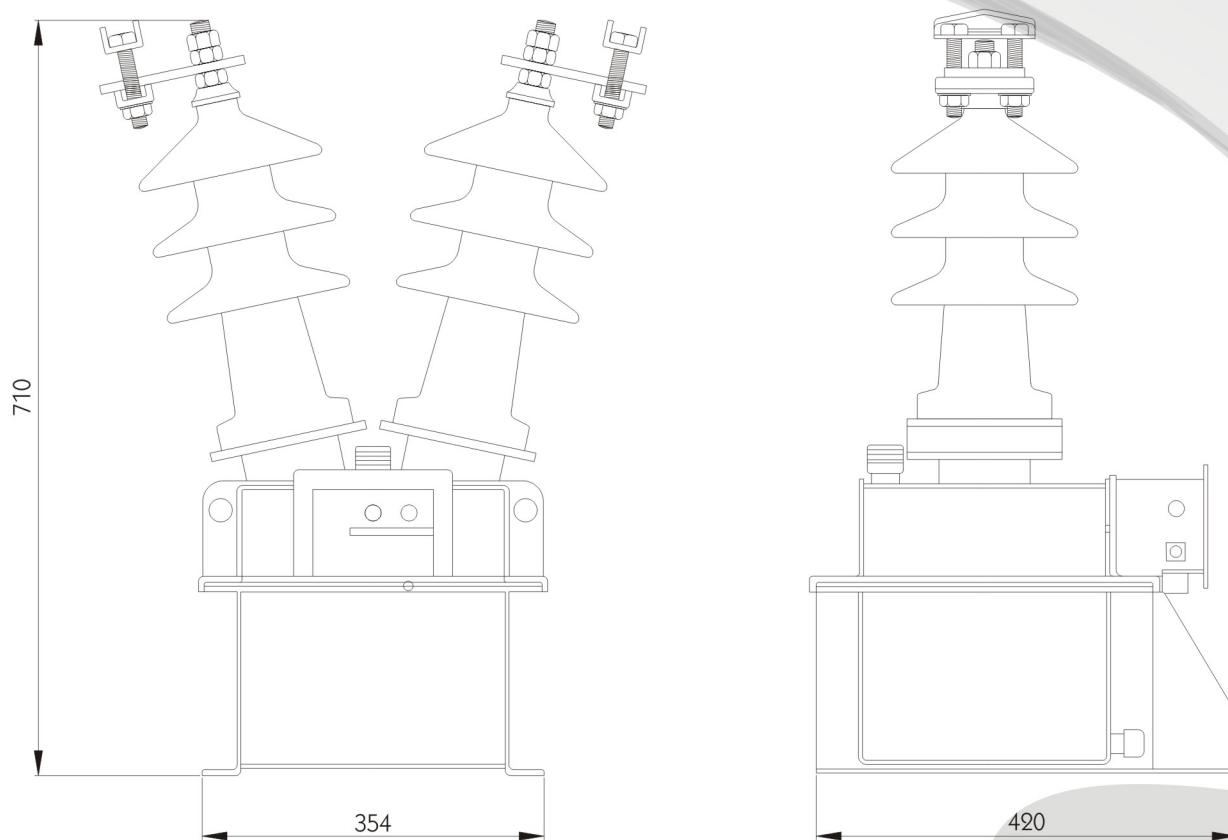
They are capable of operating with a voltage that exceeds the nominal voltage by 20%.

Our company has been supplying the Greek Power Company with the TPH3 transformers for more than 25 years. Throughout all these years our products have exhibited excellent behavior and even the oldest ones are still in operation with no problem whatsoever.

Type	Primary Voltage (kV)	Secondary Voltage (V)	Accuracy class	Highest Voltage on system (kV)	Insulation Level	Rated output
TPH3	20 or 20/15	100	0.5	24	24/50/125kV	25VA

*The transformers can come equipped with any requested ratio and additional metering or protection windings with specific ratios and ratings.

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