

## Outdoor MV cast resin current transformers

Cast resin M.V. current transformers

TCD3 M.V. outdoor cast resin medium voltage current transformer, cl:0.5S FS5, 10VA 50Hz, produced according to IEC 60044-1. PRODUCT DESCRIPTION The Transformers can operate and be stored in temperature between -25°C and 40°C and average annual humidity more than 75% in an altitude below 1000m from sea level. The body of the transformer is made by a special endurance resin material and filled, designed for outdoor use in areas of high humidity, sun exposure, rainfall, snowfall and high levels of pollution. The secondary terminal box is fully rain and moisture proof. The design ensures that moisture due to condensation drains from the terminal box. The creep age 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 current by 20%. Electrical Characteristics

Type: TCD3

Primary Current (A): 10, 15, 20, 25, 30, 40, 50, 60, 75, 100, 200, 300

Secondary current (A): 5

Thermal Current I<sub>th</sub>(kA): 10

Dynamic Current I<sub>dyn</sub>(kA): 25

Highest voltage on system: 24kV

Accuracy class: 0,5S FS5

Insulation level (kV): 24/50/125

Rated output(VA):10\*The transformers can come equipped with any requested ratio and additional metering or protection windings with specific ratios and ratings. Type test reports Our products have successfully been type tested and have been awarded the relevant type test certificates. Click here to see the product brochure

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