

# Catalogue

HIGH TENSION EQUIPMENTS



WITH HIGH RELIABILITY



## ResiTech Electricals

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## PRODUCTS



### Cast Resin Transformer

Cast Resin Transformers are manufactured in three phase configuration from 100kVA to 2000kVA capacity. These products are also available with on load tap changers (OLTC). Resi Tech cast resin transformers are designed with optimum losses and thereby cost saving to the customer.



### Unitised Sub Station

ResiTech Unitised Sub Station (USS) consists of a cast resin air-cooled transformer, 12kV load break switch panel and provision on LV side for MCCB or ACB. The whole assembly is mounted on to a rigid base and enclosed in a powder-coated and ventilated enclosure. The USS has to be mounted on a concrete foundation. The USS can also be given with dry type OLTC up to a capacity of 2000kVA.



### Compact Sub Station with Dry Type Transformer (CSS)

ResiTech CSS consists of Cast Resin Transformer with HT and LT switchgear. High Tension side of the CSS consists of SF6 Load Break Switch or SF6 Vacuum Circuit Breaker as required. On the Low voltage side ACB or MCCBs are provided as per the customer specification. The Compact Sub Station is available for indoor use as well as Outdoor use.



### Distribution Transformer

ResiTech manufactures oil filled distribution transformers from 100-2000kVA in 11/22kV configurations. These transformers can be supplied with on load tap changers(OLTC).



### Vacuum Circuit Breakers

ResiTech manufactures VCB Panels as standalone type or in multi panel arrangements with future extension provision. We are System house to integrate "SIEMENS" VCB. Panel contains a draw out type circuit breaker with automatic shutter to ensure isolation from live areas. The panels are manufactured from high quality steel which is powder coated after a seven tank cleaning process to ensure long life. Safety interlocks are provided for proper safety.

Rated Voltage	: 12kV/33kV
Rated Current	: 630-1250 Amps.
Insulation	: 12/28/75 kVp, 36/70/170kVp
Frequency	: 50 Hz



### Load Break Switch Panel

Load break switch panels are manufactured for 11kV rating. These panels can be supplied with metering facility which will include CT, PT and Terminal Block and provision for TOD meter.





## PRODUCTS



### Outdoor Load Break Switch Panel

ResiTech make outdoor load break switch panels comprise of 12kV Load break switch with CT/PT and Test Terminal Block and HT Fuses. The panel is Powder coated/Galvanised Iron enclosure confirming to IP 54 Class Protection. Even under adverse weather conditions the Galvanised Iron enclosure ensures a long life for the Load break switch.



### 11kV CT/PT Metering Sets

HT Metering set consists of three Current Transformers of class 0.2s accuracy and a three phase Voltage Transformer manufactured strictly as per Electricity Board specification. These are oil immersed in a mild steel tank and are for outdoor platform mounting or pole mounting use. Metering sets are available for 3 phase 4 wire system. These units are manufactured for 22 and 33 kV rating also.



### Outdoor Metering Unit

ResiTech make outdoor metering cubicle suitable for 3 phase 3 wire as well as 3 phase 4 wire system with instrument transformer of class 0.2s Availability Based Tariff (ABT) meters can also be housed in this. Enclosures are powder coated confirming to IP54 Standard.



**ResiTech Electricals**

## PRODUCTS

### 11 kV / 33 kV Resin Cast CTs & PTs

ResiTech manufacture the entire range of 11kV/33kV resin cast current transformers for both measuring and protection purpose. The active part of which is completely embedded in quartz loaded Epoxy Resin.

ResiTech manufacturer 11 kV resin cast potential transformers for metering and protection application.



### Control Transformers

Control Transformers are used at dissimilar sector for electrical purposes. ResiTech manufacture control transformers according to customer requirement using quality assured raw material and with the help of progressive technology.



### Low Tension Current Transformer

Low Tension Current Transformers are used for measurement and / or protective applications in 660V class. These Current transformers are available in different constructions like Ring Type, Rectangular Type or Resin moulded type. High quality cores are used for the construction. Computer aided design is used for all ratings to improve quality and to satisfy customer requirements.



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Building  
trust  
together.

# Certificate

Quality Austria

has issued an IQNET recognized certificate that the organization:

## RESITECH ELECTRICALS

Industrial Development Area, Erumathala,  
Aluva-683112, Kerala, India

for the following scope:

DESIGN AND MANUFACTURE OF DISTRIBUTION, POWER TRANSFORMERS,  
CONTROL TRANSFORMERS, SWITCHGEAR PANELS, CURRENT TRANSFORMERS,  
POTENTIAL TRANSFORMERS AND EPOXY COMPONENTS

EAC: 19

has implemented and maintains a


## QUALITY MANAGEMENT SYSTEM

which fulfils the requirements of the following standard

## ISO 9001:2015

Issued on: 2023-10-03  
Validity Date: 2026-10-28  
Quality Austria certified since: 2014-10-29

**Registration Number: AT-15571/0**

  
**Alex Stoichitoiu**  
President of IQNET

  
**Mag. Friedrich Khuen-Belasi**  
Authorised Representative  
of Quality Austria



This attestation is directly linked to the IQNET Member's original certificate and shall not be used as a stand-alone document

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Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH awards this **qualityaustria** certificate to the following organisation:

**RESITECH ELECTRICALS**  
Industrial Development Area, Erumathala,  
Aluva-683112, Kerala, India



DESIGN AND MANUFACTURE OF DISTRIBUTION,  
POWER TRANSFORMERS, CONTROL  
TRANSFORMERS, SWITCHGEAR PANELS,  
CURRENT TRANSFORMERS, POTENTIAL  
TRANSFORMERS AND EPOXY COMPONENTS

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**QUALITY MANAGEMENT SYSTEM**  
complying with the requirements of standard  
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Registration No.: Q-15571/0

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Valid until: 28 October 2026

Vienna, 03 October 2023

Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH,  
AT-1010 Vienna, Zelinkagasse 10/3



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Quality Austria ist  
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