



Sustainable Energy

Energizing the World since 1979

Tesar

Your partner for reliable transformers

To serve our customers in the best way, our products are always designed to meet your expectations. State of the art manufacturing processes and lean manufacturing go hand in hand with an integrated management system and highly trained employees and are the backbone of our high quality products.

With offices in Arezzo, Italy and Dubai and a global sales network we are always close to you.

Our portfolio – widespread to always meet your needs

- Cast resin transformers
- Distribution transformers (oil)
- Instrument transformers

All of our products comply with IEC and EN standards and fulfil the Eco-design requirements. They can be designed to fulfil special national regulations and consultant needs.

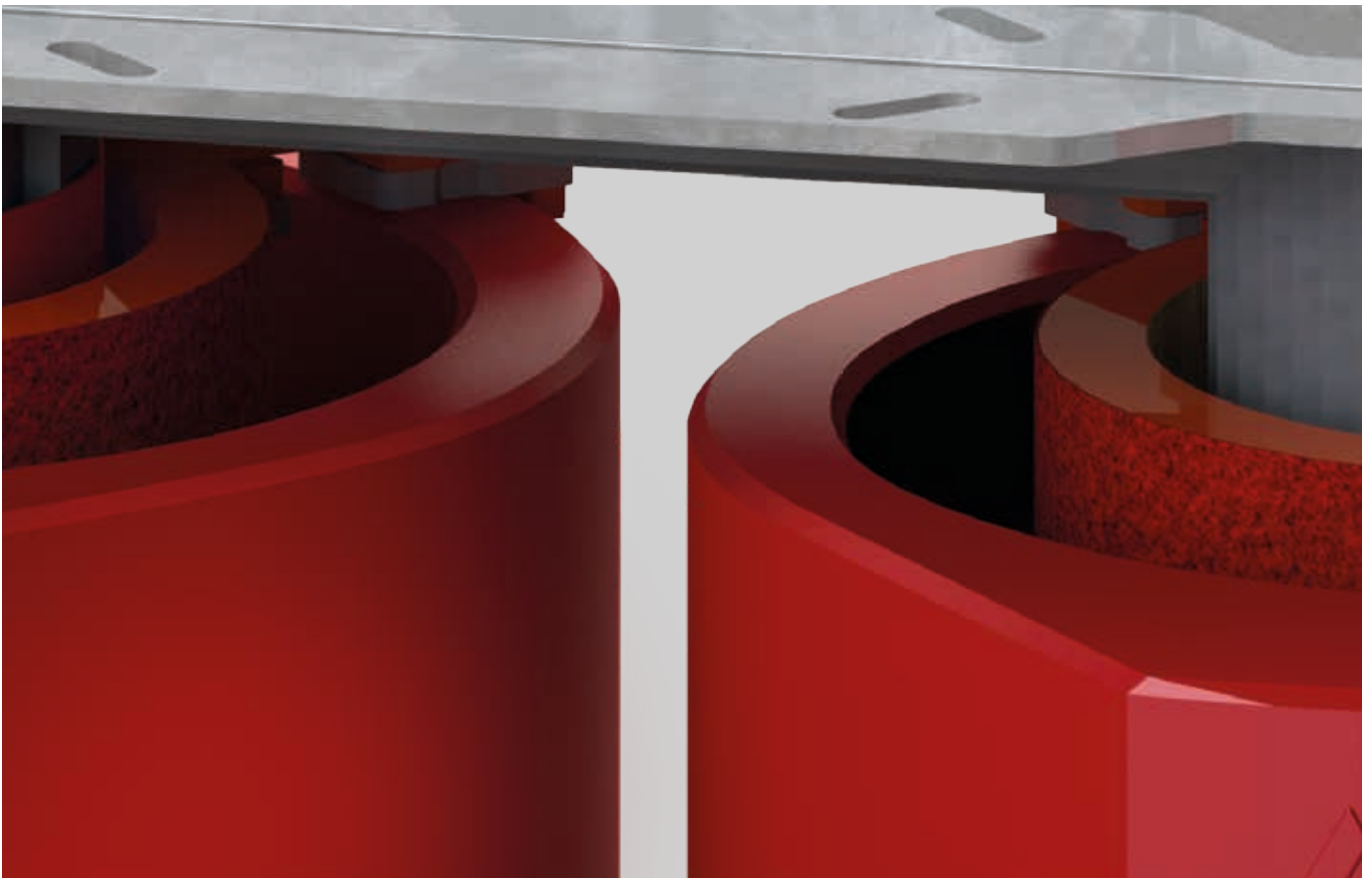


Our experience in cast resin manufacturing is outstanding

Quality from Italy

Sustainability is our key to success

Tesar invests a significant part of its revenues in R&D improving its products continuously. It is our highest aim, to always satisfy our customers and to increase the efficiency and sustainability of our portfolio. For that reason we closely cooperate with our customers and energy distribution companies to further develop our products. Today, our products meet and exceed the requirements. This made us to one of the leading transformer manufacturers in Europe.



Perfection in Detail

Cast resin Transformers

Over 100.000 Installations

More than 100.000 units running worldwide: This is the business card of Tesar cast resin transformers. No matter if you need a standard transformer or a special transformer. Tesar always has the right product:

- Standard transformer
- Rectifier transformer
- Inverter transformer

Low operation cost

the low losses in the magnetic core and in the windings reduce operational cost

Metal enclosures

Galvanized enclosures assure best performance in a polluted environment and maximum safety

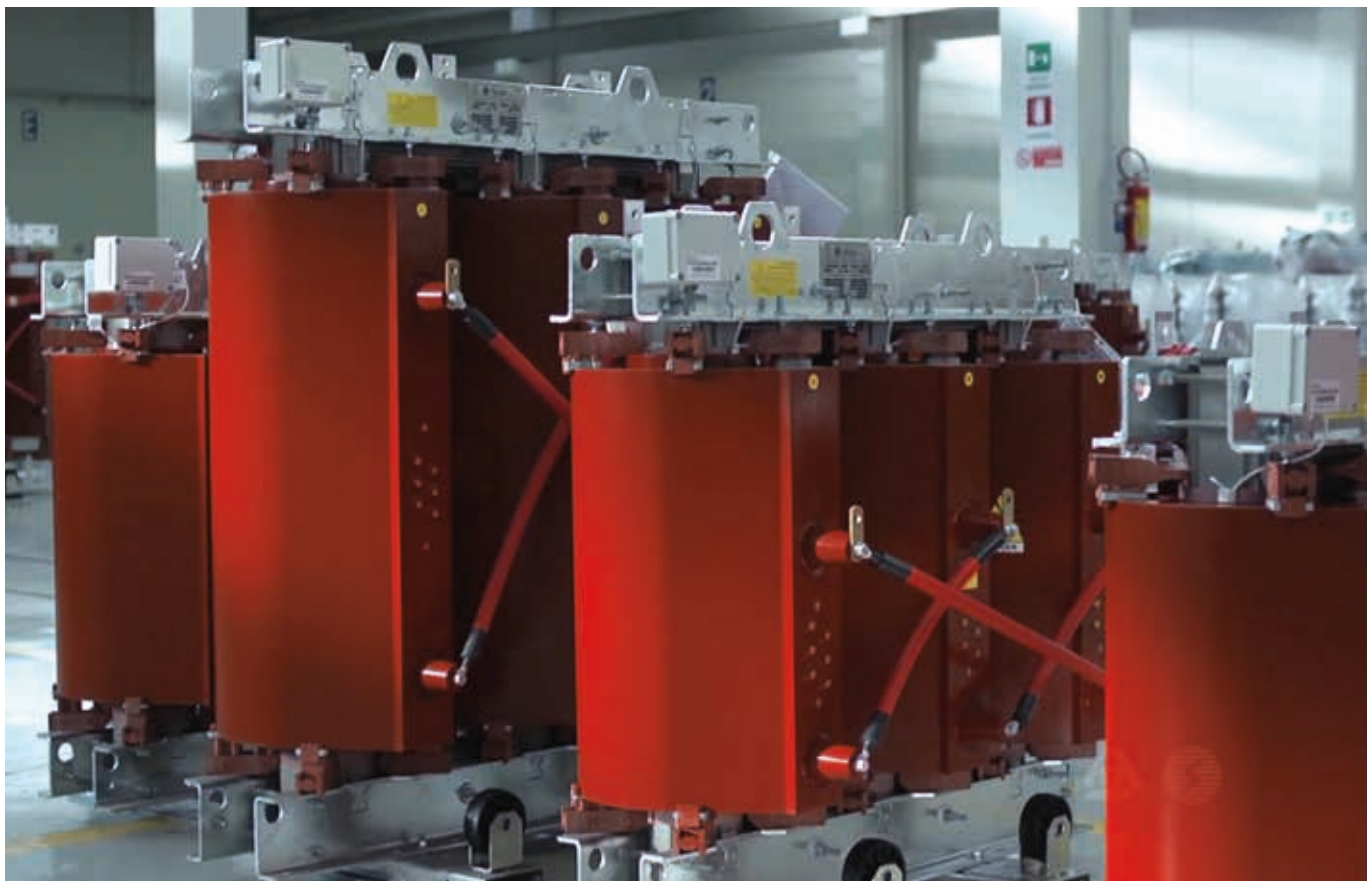
High reliability

Latest technology employed in the manufacturing process of windings provides highest level of reliability

Maintenance free

Reduced operational cost due to maintenance free design

Our transformers are manufactured up to 25MVA and 52kV and are tested according to E2/E3 – C2 – F1.



Our Cast resin transformers



Sport venues

Today sport means stadium, means autodrome, means people watching the event.

F1 Race Track in Abu Dhabi as well as the stadiums used for Italia 90, Sauber wind tunnel, Lusail Iconic stadium for the next Qatari football championship. They all chose the power of Tesar transformers.



Galleries

There are places in the world where you enter, just to look at the beauty.. and you are alone, you and the art, and the silence...

The beauty is granted by the artist and the silence by a Tesar transformer... Tesar transformers are in Cathedral of San Marco (Venice), Museo degli Uffizi (Florence), The Louvre Museum (Paris), Great Mosque of Abu Dhabi, San Pietro Vatican (Rome), Ferrari Museum (Italy).



Buildings

When power is needed in buildings, to grant continuous and normal daily needs, Tesar is the worldwide manufacturer claiming the biggest number of transformers installed inside the most prestigious buildings Tesar energizes daily, the Emirates Tower (Dubai), Canary Wharf (London), Sidra Medical Centre (Doha), Isozaki building (Milan).



Infrastructure

All the major airports and subways in the world are running with Tesar transformers: where it is requested a reliable partner able to secure a continuous power supply without interruption, the reliable partner has a name: Tesar.

Tesar transformers are inside Airport L. da Vinci Fiumicino Rome, C. De Gaulle (Paris), Frankfurt Am Main, New International Airport Doha, Dubai and Jebel Ali Airport, Muscat Airport (Oman).

Distribution transformers

For sustainable energy distribution

The know-how and experience of Tesar goes beyond cast resin transformers. Tesar designs oil immersed distribution transformers for indoor and outdoor application. The transformers are designed to suit the specific applications and the technical requirements. In a dedicated production site, the transformers up to 36kV and 10MVA are manufactured and tested, taking quality and reliability to a higher level.

All of our transformers have a low-loss core and can be provided with copper or aluminium winding. Only state of the art accessories are used to ensure highest quality.



Distribution transformers ready for dispatch

Instrument transformers

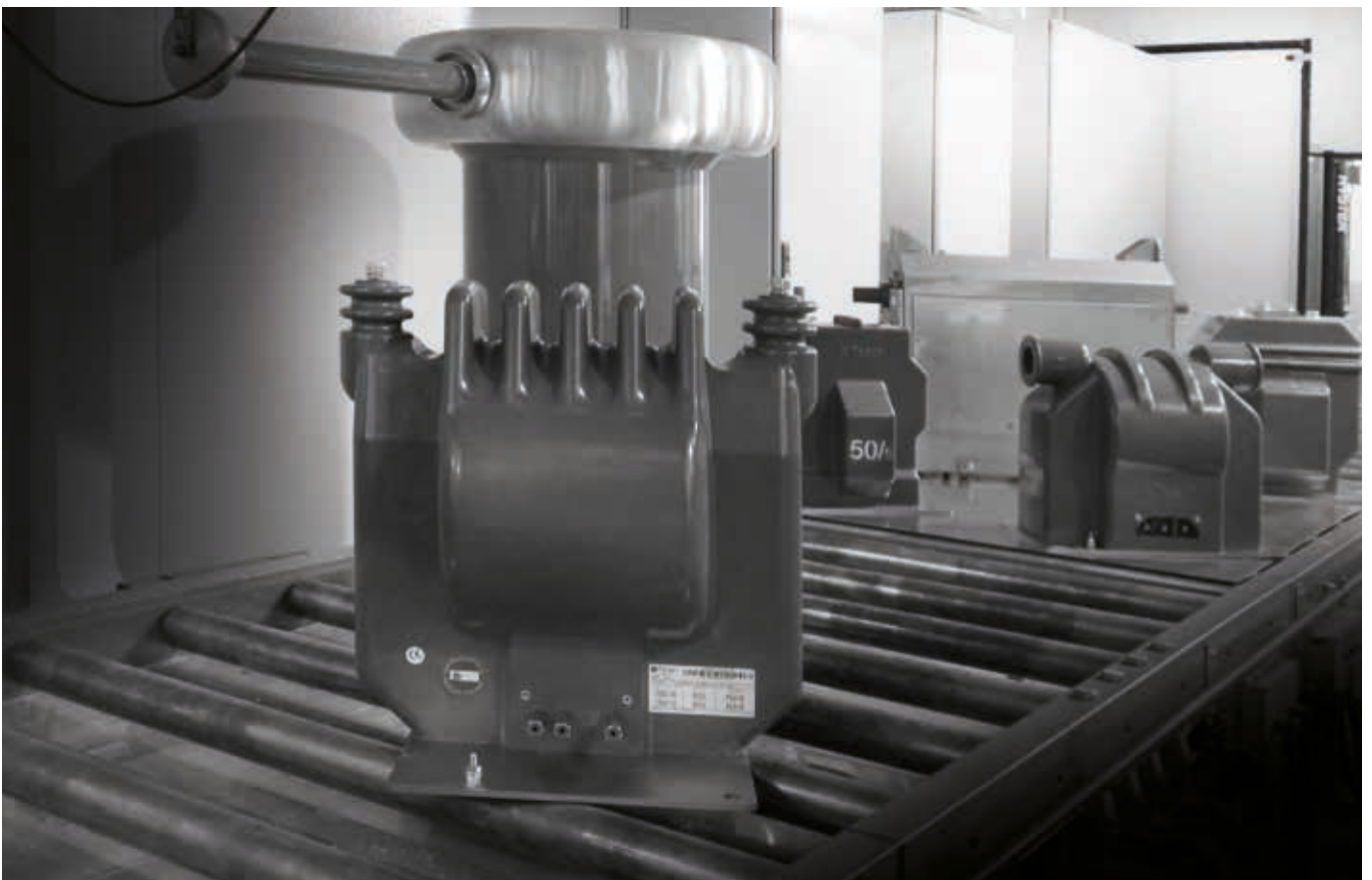
For reliable measuring and protection

A wide range of innovative and high quality instrument transformers allow a precise measurement in electrical networks. Our portfolio includes

- Current transformers
- Voltage transformers

The instrument transformers are available in block construction and as ring type up to 36kV.

All of our instrument transformers are tested according the specifications for applications in power plants and power distribution networks.



Instrument Transformer waiting for transport



Sustainability

ECO DESIGN TRANSFORMERS FOR SUSTAINABLE ENERGY



Certified Quality

with an impressive portfolio

Big difference in the Quality of manufacturing, control and outcome.

Tesar is proud to claim fully approved CESI Laboratory and an impressive portfolio of routine, type and special tests, following the IEC standards in force or by other methods agreed with the client.

The Tesar instruments are always monitored and kept fully calibrated. Calibration certificates available upon request. Tesar is qualified to ISO 9001, ISO 14001 and OHSAS 18001 standards.



Certified to the latest standards

Tesar - a company of R&S

An international oriented Group

The companies of the R&S have a long-standing history and experience in manufacturing power products with the ambition for improvement and innovation.

The R&S Group, founded in 2012 is an international oriented Group with its headquarters in Sissach, Switzerland and offices worldwide.

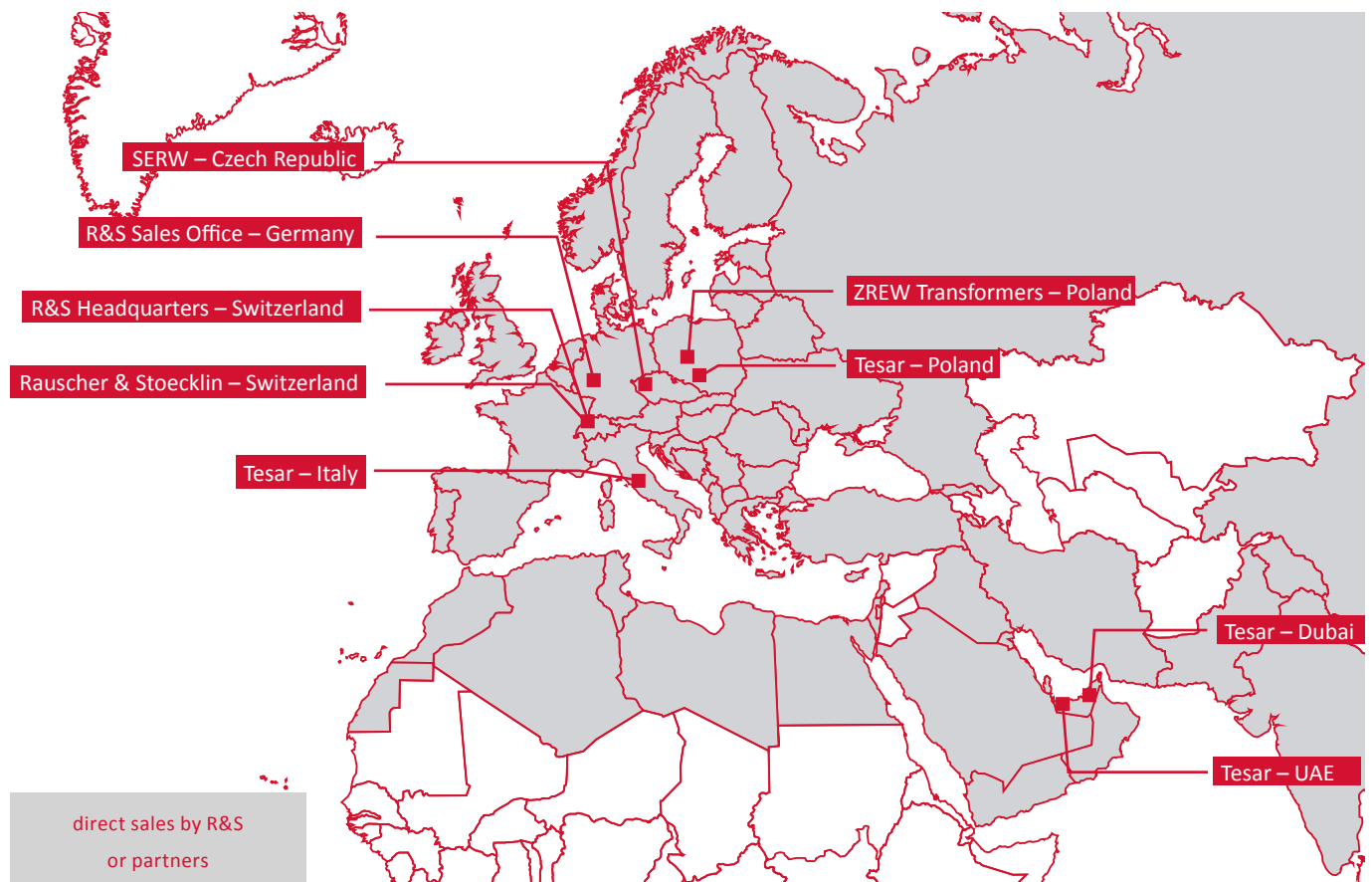
The success of the R&S is built upon:

- Longtime experience of the different companies in their particular core competencies
- Highly motivated and trained employees
- Products based on proven technologies that go hand in hand with innovative and efficient manufacturing processes

The results are products with highest possible quality and reliability for our customers

Companies of R&S

- Rauscher & Stoecklin
Distribution transformers, railway switches, high current connectors
- SERW
HV and MV switching devices
- ZREW
Power transformers
- Tesar
Cast resin transformers, distribution transformers, instrument transformers



Our offices worldwide

Companies of R&S

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