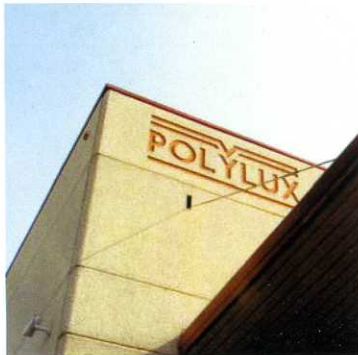
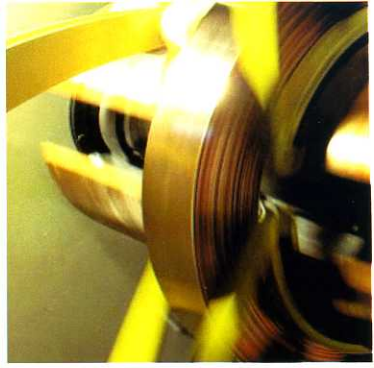
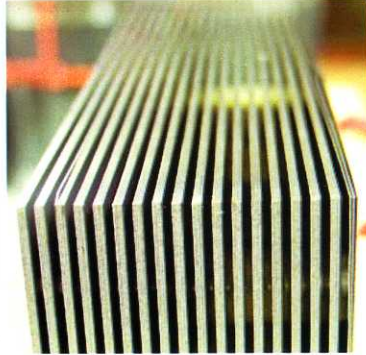




**+ QUALITY**

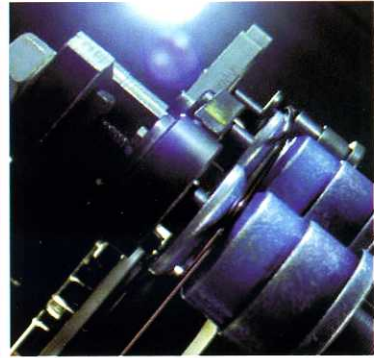
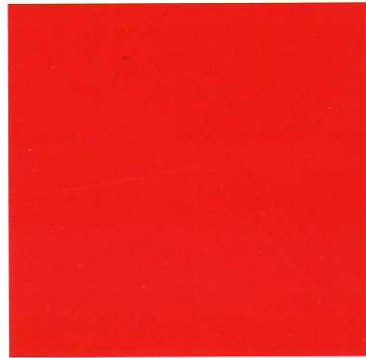
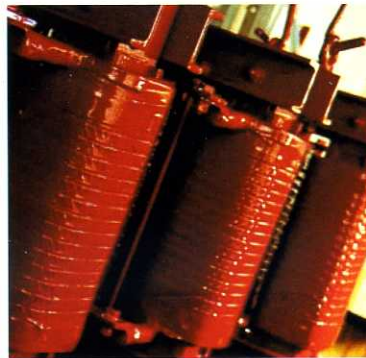


**+ INNOVATION**



**+ EXPERIENCE**

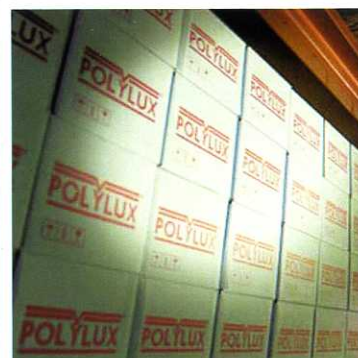
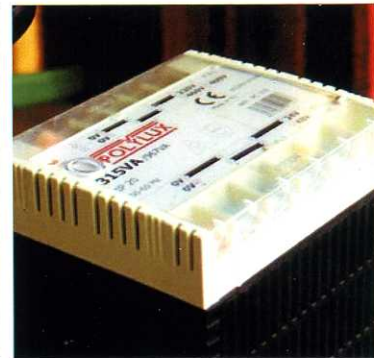
**+ RELIABILITY**



**+ FLEXIBILITY**

**+ AVAILABILITY**

**POLYLUX**



**+ FUTURE**





## Custom-made products

POLYLUX is flexible in the design and manufacturing of custom made LV transformers, inductors, harmonic filters and voltage stabilisers. We offer highly optimised solutions meeting all specific customer requirements. As well we offer close collaboration with our customers to specify and design the most suitable solution for each application.

### Cast Resin single phase transformers



High voltage: up to 6 kV

High currents

### Cast Resin three phase transformers



Up to 6 kV · Up to 400 kVA

## Strategic areas



### Electrical Installations and Switchgears

A significant part of our product range is specially designed for voltage conversion, electrical isolation or control purpose in switchgear and electrical installations. Our products are designed and manufactured with superior features and technical advantages for installation and operation.



### Energy Quality

Our Compensator harmonic filters offer a very effective and reliable solution for a variety of problems caused by the presence of harmonic distortion in electrical networks. Years of investigation in this field have resulted in a full range of complementing products such as inductors, K factor transformers and voltage stabilisers for improving the electrical quality and solving virtually any type of electrical quality problem.



### Hospitals

POLYLUX manufactures since decades high quality isolating transformers for medical locations. We offer a complete range of transformers featuring superior characteristics and meeting IEC61558-2-15 standard. Our transformers are applied in hospitals and medical centres all over the world.



### Renewable Energy

To consolidate its position in renewable energy field, POLYLUX created a special division to offer a complete technical consultancy, ranging from project specific engineering studies to the R&D of smart solutions where our engineers are working on the improvement of manufacturing processes and approaching new applications in the field of solar and wind energy.



### Marine & Offshore and Railways

POLYLUX designs transformers and inductors for vessels, railway, subway stations and track side. Such components are designed taking into consideration typical overload cycles and rectifier harmonics, amongst others. The IP54-IP65 transformers with ANAN cooling systems as well as Cast Resin windings guarantee a substantial longer life thanks to the optimized control of the internal temperature. Our Ecotransformer design provides low losses resulting in substantially lower exploitation costs.



### Corrosive and Adverse Environments

Our unique Cast Resin low voltage transformers provide technical advantages such as protection in corrosive environments and resistance against vibrations and current peaks. Cast Resin transformers of POLYLUX are therefore very suitable for applications with adverse site conditions that require high reliability.

**POLYLUX**





- N: Control transformers
- TU: Ultra isolating transformers
- TC: Medical locations transformers (standard UNE 20-615)
- TH: Medical locations transformers (standard EN 61558-2-15)
- TM: Measuring (potential) transformers
- PIN: Swimming pool transformers
- AUN: Reversible autotransformers
- R: Line inductors



TP: Portable safety transformers



TR: Rectifier transformers



TRF: Rectifier transformers with capacitor filter



FA: Linear stabilised power supplies



FAM: Linear stabilised power modules



TKE: Isolating transformers



IP: IP-54 protected transformers



- P: Control transformers
- PTU: Ultra isolating transformers
- PTC: Medical locations transformers (standard UNE 20-615)
- PTM: Measuring (potential) transformers
- PIP: Swimming pool transformers
- PAU: Reversible autotransformers
- PR: Line inductors



PTR: Transformer rectifier units

POLYLUX offers you a wide catalogue of products designed for voltage conversion and improvement of the electrical energy quality. In this brochure you could find our most relevant products classified by their constructive configuration. If you want information about technical characteristics,

