



Power needs control

Global player on the electrotechnical market



ETI is one of the 5 world's leading producers of melting fuses and among leading producers of switchgear

0,5A –
6300A

- Fuse
- MCB
- MCCB
- ACB

- **ETI's branch offices are at your service in over 60 countries of the world.**
- **ETI's products are being manufactured in 9 countries across the world**
- **ETI group has established subsidiaries in 14 European countries.**



Many partners around the world





Tradition

65 years experience

[movie](#)

66 years of tradition...



1997 Establishment of the first subsidiary

1980 Automation - ETI develops its first assembly line

1977 ETI manufactures the first **Miniature Circuit Breaker**

1960 Fuse
ETI was one of the first producers of safety fuses

1954 Bergman pipe
ETI's first electro-porcelain product

1950 Establishment of the company



...and 66 years of experience



2006

ETI becomes a
**system
integrator**

**2008
Photovoltaics**

ETI is one of the
pioneers in
protection of
photovoltaic
systems

2012

ETI Polam
positions itself as
a **panel builder**
with its own
solutions

**2014 Lean
principles of
production –
extensive
reorganisation
of production
for improved
efficiency and
value added**



Power needs control

About Slovenija [movie](#)

**Country with strong
technical experiance** [movie](#)



Production

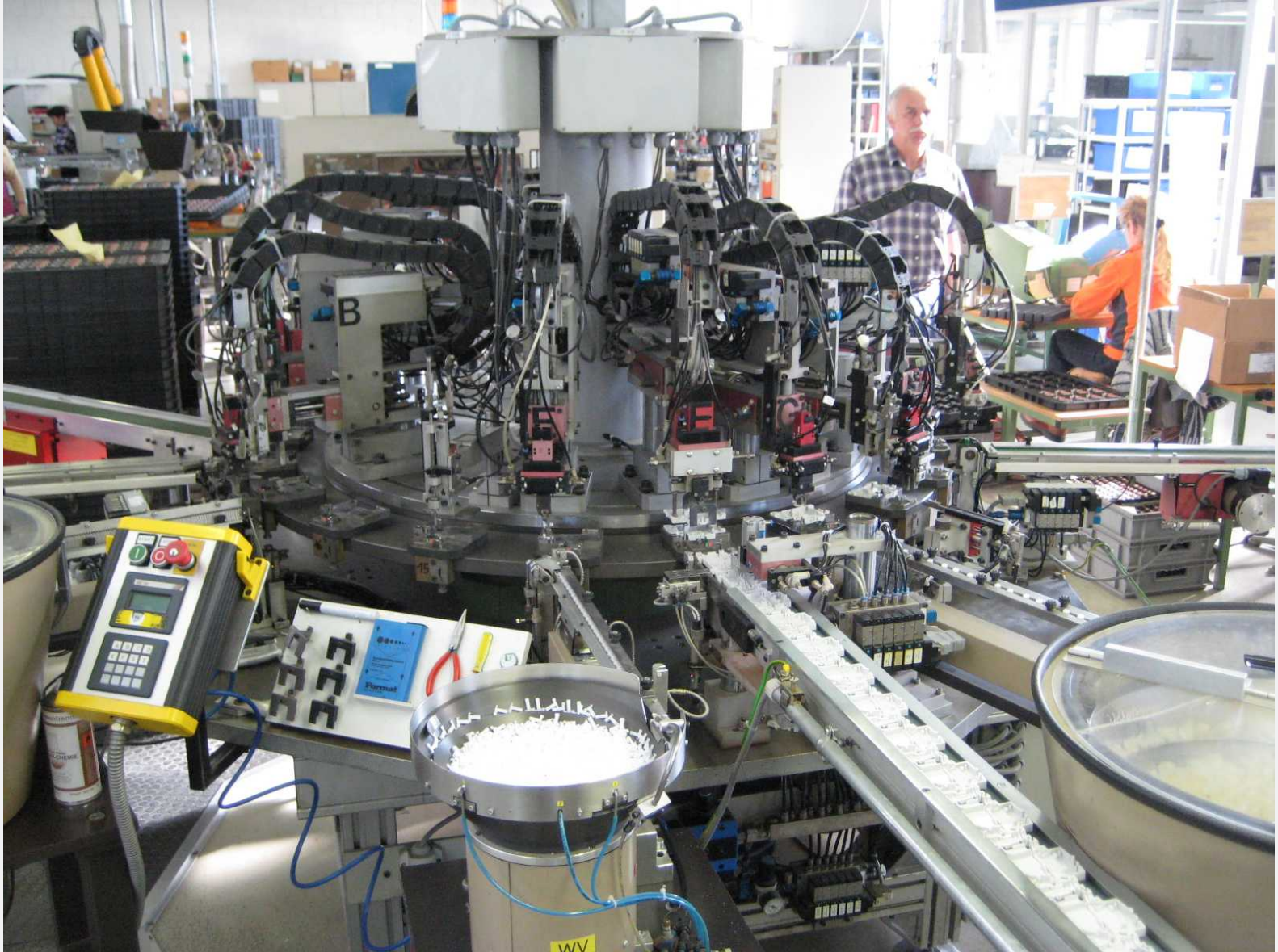
[movie](#)

Autonomous production of ETI products is located in: **Slovenia, Poland, Germany, BiH and Slovakia**, on **31154 m²** of production surfaces.



ETI Toolshop

Design and production of tools and assembly lines, required for production of ETI products.



Logistics

ETI's great advantage are local warehouses:
Slovenia, Romania, Poland, BiH, Slovakia,
Ukraine, ...



Research & Development

ETI's employees take an active part in creating safety standards in the field of electrotechnical products as members of IEC committees.

ETI's products comply with all the latest quality standards.

Business Excellence



Quality
Management



Environment



Products certificates



SIQ



HR



CESI atestirano

Innovation

- ✓ ETI has got registered patents for 27 different products in Slovenia and abroad and 17 different brands.
- ✓ Our future is being built on the specialists who upgrade the experience of the first generations with their innovation and recent knowledge.





Product range

Product range is attractive for many market segments

Residential and commercial Buildings



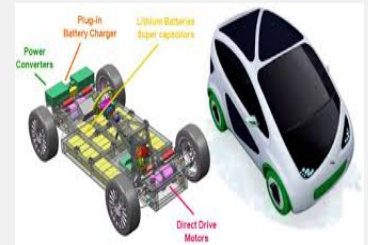
Industrial instalations



Utilities - Distribution of electric energy for low and medium voltage



Power electronics, semiconductors and special purpose applications



MCB,
RCCB
RCBO
LV fuse systems

System integration
MCCB,
ACB
LV fuse systems

NH gPV, DC
Battery fuses
MV fuses

UQ fuses
SRF,
DC

Technical ceramics



ETI produces products from various kinds of materials:

- electroporcelain C110, C111, C120
- steatite C 221
- mulite ceramic C 610, C 620
- cordierite C 520, C 410
- Al₂O₃ ceramics C 786, C 795, C 799

World leader in the production of porcelain pipes and internal cores for MV fuses

Tools and equipment Solutions for automation of production systems

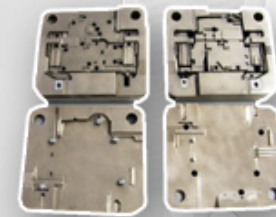
**Our modernly equipped workshops offer:
Moulds for the production of:**

- plastics
- ceramics
- metal

Rapid prototyping:

DMLS-Direct Metal Laser Sintering

Solutions for automation of the production process



Plastics



Plastic Products

- intended for electro-technical and automotive industry (wide range of materials from PP to PPS and come in exacting shapes and in a range of color shades)
- one-component injection molding (PP, POM, PBT, PC, Pa 46, Pa 6, PA 66, PPS, UP, PF, BMC in TPE)

The future is green

- Pioneers in the field of protection of photovoltaic systems
- Protection for wind power generators
- New innovative solutions (AC and DC side)

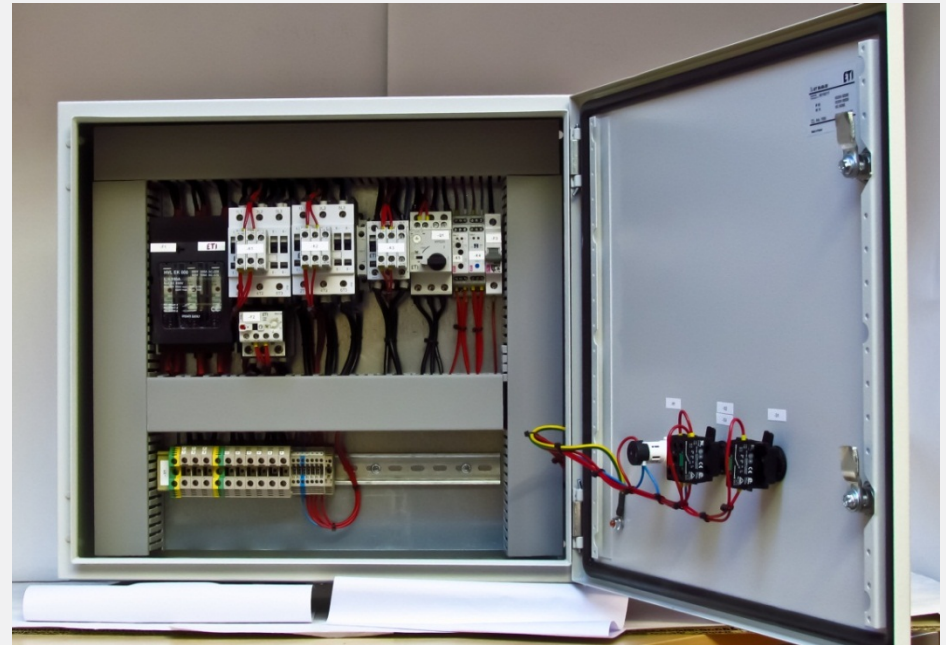


IER* integral solutions

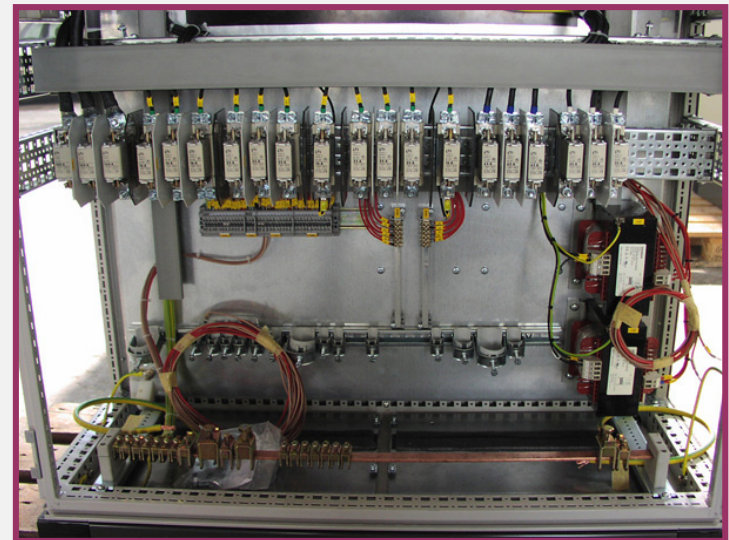
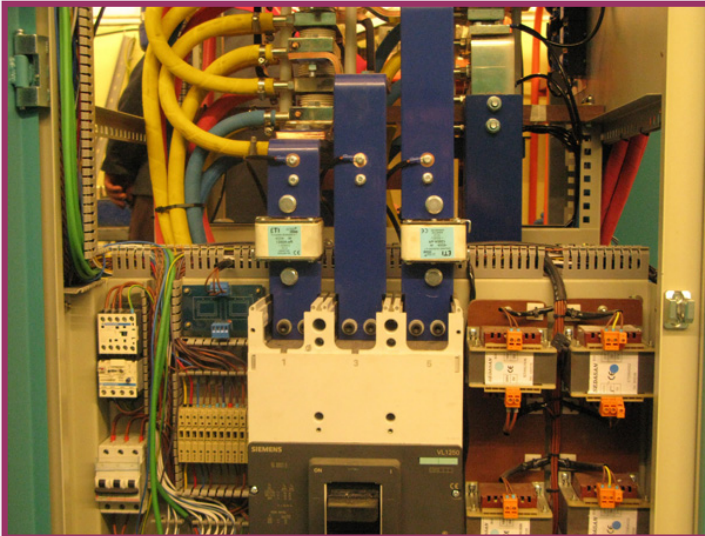
- *Intelligent, efficient, reliable -> the spirit of ETI
- Integral solutions to meet a broad spectrum of purposes, functionality and expectations



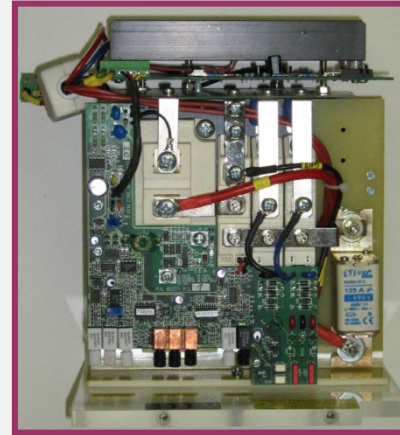
Integral solutions for protection of residential and industrial installations
(power factor correction, automatic transfer, etc.)



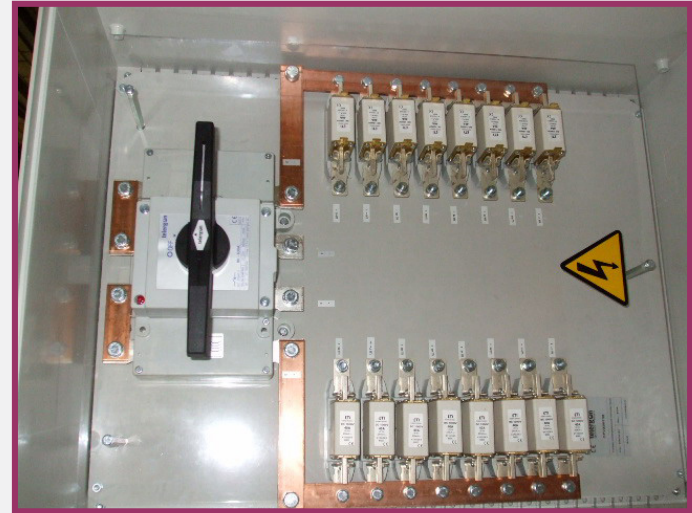
References



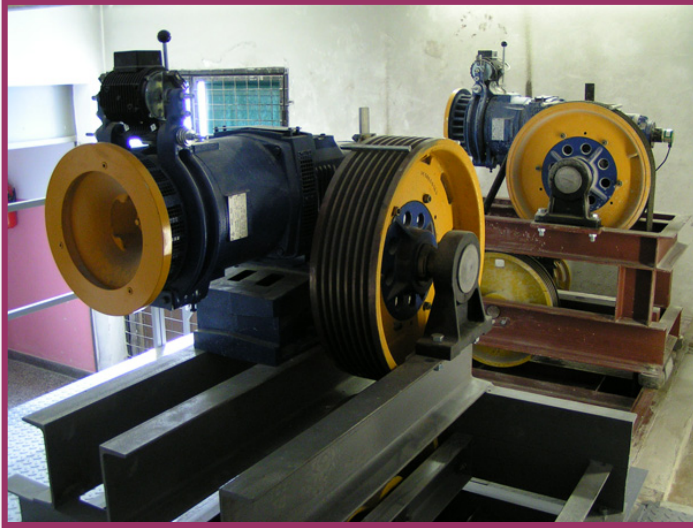
References



References



References





Customer support



ETI

Power needs control

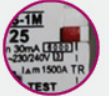
New RCBO KZS 1M at promotional prices

ETI's new residual current circuit breaker with overcurrent protection KZS 1M combines features of MCB and RCCB in one 1-module housing. Experts recommend its use in installations with required high level of additional protection (such as bathrooms, hospitals, kindergartens etc.)

[Detailed information on the product...](#)
[Practical tips on where and how to use RCBOs...](#)

Now available at promotional prices. For more information, please contact our sales personnel.

Recommended for use in installations with high level of additional protection required (bathrooms, hospitals, kindergartens etc). Used for fault and additional protection.



- ✓ Combining the features of miniature circuit breaker and residual current circuit breaker
- ✓ Added protection against pulsating DC fault current
- ✓ Version with operating temperature down to -35° C also available
- ✓ 1-module housing (18 mm), with switched neutral line
- ✓ Functionally dependent on line voltage, minimum supply voltage 90V
- ✓ Real contact position indication for easier identification, whether RCBO is in ON or OFF position
- ✓ Energy limiting class 3: highest energy limiting performance for optimal protection of cable insulation and maximally reducing risk of fire and other damage
- ✓ In case of overcurrent or differential current, the button moves to the "trip" (middle) position. In case of manual turn off, the button moves to the "off" (lowest) position.
- ✓ All necessary technical and installation information can be found on the front and side of the device
- ✓ The terminals accept not only wires but also time saving busbars



WWW page is key communication tool

ETI
POWER NEEDS CONTROL

[About Us](#) | [Contacts](#) | [Media Center](#)

[Select country](#) ▼

[PRODUCTS & SERVICES](#)
[SOLUTIONS](#)
[SUPPORT](#)

ETI Products & Services

- **Fuses**
- Fuse-Links
☰ DETAILS 🔍 SEARCH
- Fuse bases and disconnectors
☰ DETAILS 🔍 SEARCH
- **Modular protection devices**
- **Power protection devices**
- **Distribution Boards**
- **Free standing cable distribution cabinets**
- **Metal enclosures GT**
- **Commanding and signaling devices**
- **Lampholders and glow starters for flourescent lamps**

Search:

🔍 ✕

[Grid view](#) | [Thumb view](#)

There are total of **656** item(s).

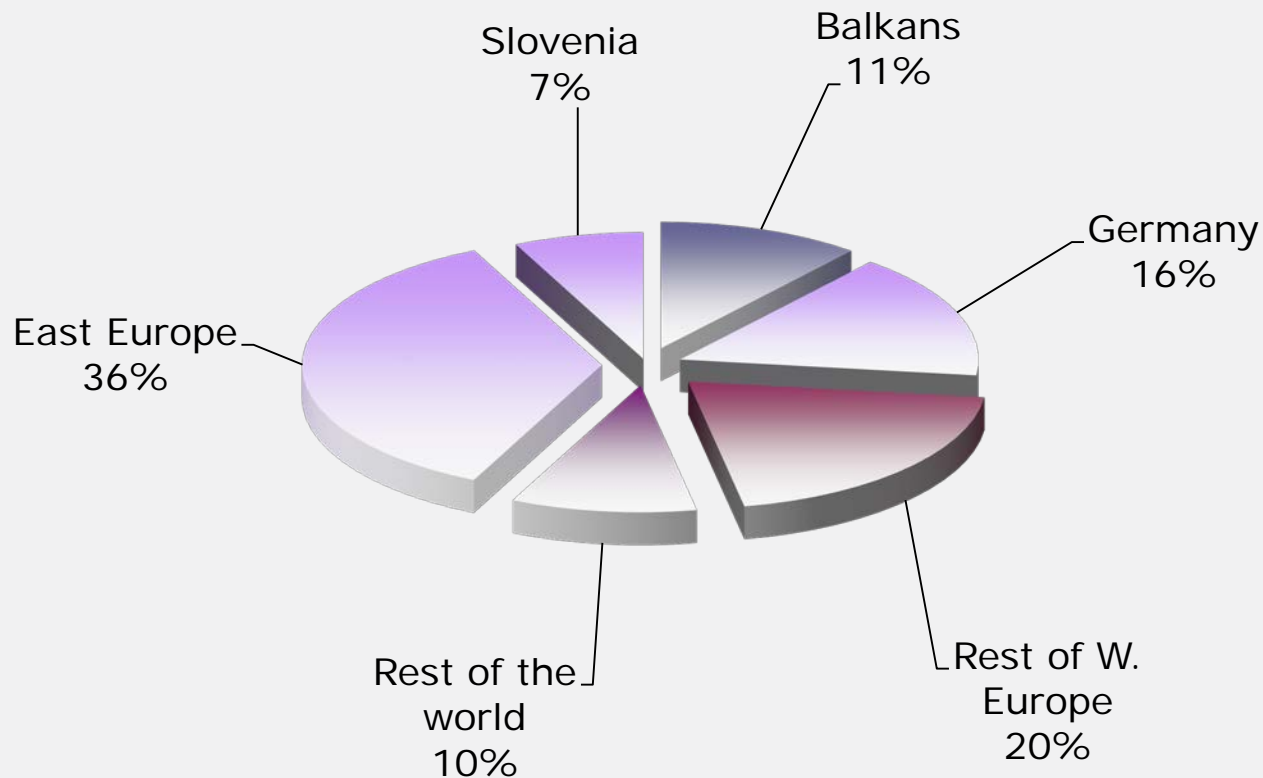
Product group= Special p...	Product subgroup ▼	Characteristics ▼
Rated AC voltage ▼	Rated current ▼	Type ▼
Size ▼	Breaking capacity AC ▼	Breaking capacity DC ▼
Rated DC voltage ▼	Dimensions ▼	Indicator ▼
Connection= M12	Transformer ▼	Pd (w) ▼

ETI code	Description	Product group	Product sub...	Characteristics	Rated AC vo...	
⬇ 004110451	NH3L DC 20...	Special purp...	PV	gPV		☰ 🛒
⬇ 004110452	NH3L DC 22...	Special purp...	PV	gPV		☰ 🛒
⬇ 004110453	NH3L DC 25...	Special purp...	PV	gPV		☰ 🛒
⬇ 004110454	NH3L DC 30...	Special purp...	PV	gPV		☰ 🛒



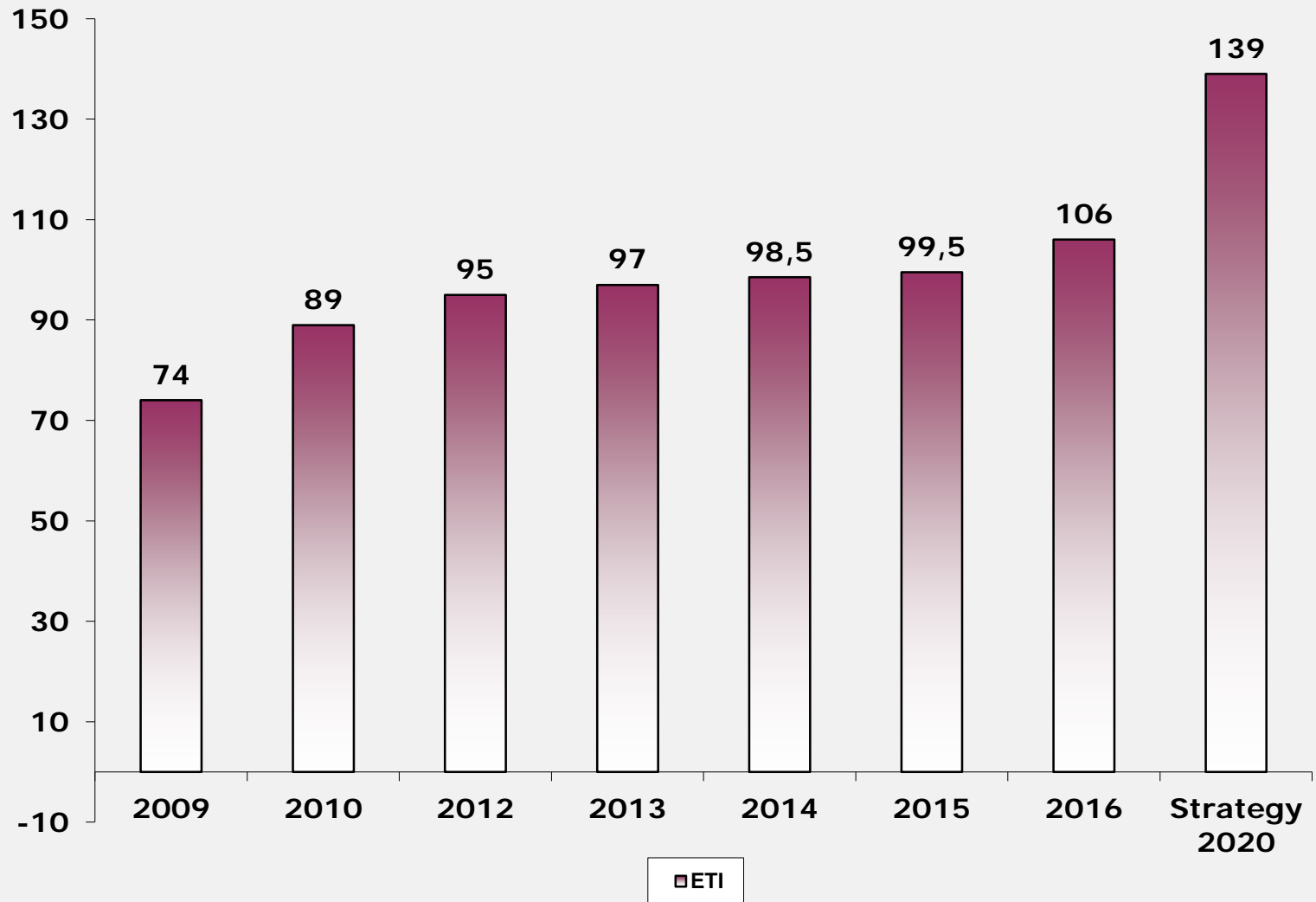


Consolidated sales of ETI group by Markets

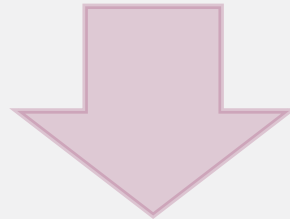


Consolidated sales (2016):
106 Mn EUR

Consolidated sales of ETI group (2009 – 2016 in Mn. EUR)



ETI success drivers



- **Tradition and know – how**
- Recognized and respected **brand name**
- Own **sales network** (Subsidiaries - Project approach)
- **Product portfolio completeness** (System integration)
- **Customer intimacy**
- **Technical ceramic**: Supporting fuses (flexibility for the rapid development of special fuses)
- Production **in Europe** (made in Europe)
- Active **presence in committees** (IEC..)
- Committed, well qualified and stable **team**

Fundamental strategic directions

Further internationalisation

ETI will use the sources of competitive advantage for its breakthrough among the leading manufacturers in the field of safety fuses

New products in the area of switching equipment will ensure for ETI stronger position among the producers of switching elements

Strengthening cost-efficiency

Competent and motivated employees are of vital importance in order to successfully carry out the strategy

System integrator (solutions for electrical installations in the form of “turn-key” projects)





Power needs control