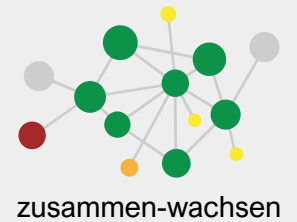


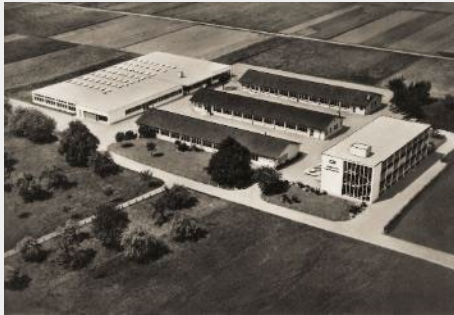


ELESTA GmbH



Company Profile and Products

Company History I



1952

Foundation of ELESTA AG (Elektronische Steuerapparate AG). Today's ELESTA GmbH emerged from this company and continues its tradition



1997

ELESTA relays GmbH is spun off from ELESTA AG by PILZ GmbH & Co KG in Ostfildern / Germany, with the focus on the production of relays with forcibly guided contacts



2005

Winning the **KMUPrimus** innovation award for the SIS relay series



2007

Expansion of the product range to include the development and production of **sensors for functional safety**

Company History II



2008

Opening of the **new technology and production building** in Heuteilstrasse in Bad Ragaz



2012

ELESTA relays GmbH wins the **Swiss Lean Award**



2014

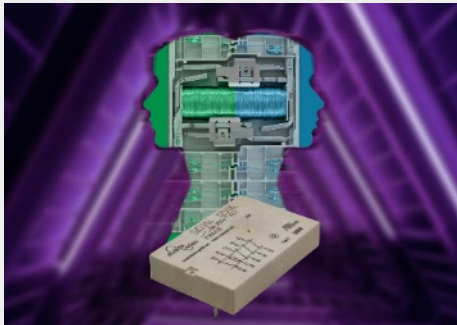
Change of name to ELESTA GmbH



2019

The **groundbreaking ceremony** marks the start of the 3600 m² extension to the existing production building

Company History II



2020

ELESTA wins the **Global Excellence in Operations Award** (Factory of the Year)

2021

Market launch of the **world's first double armature relay** with two independent forcibly guided contact sets

2022

ELESTA GmbH celebrates its **25th anniversary** and the move into the new building extension

2023

Change at the top management of ELESTA GmbH, **Harald Förster is retiring as CEO and is followed by Marcel Mettler**

ELESTA today



- Whole production and development in Bad Ragaz (CH)
- Over 1.000 active product variants
- Single piece lot size
- Worldwide distribution network
- Part of the PILZ Group
- High export share
- Lean Management philosophy
- Agile transformation
- >340 employees

Swiss Quality



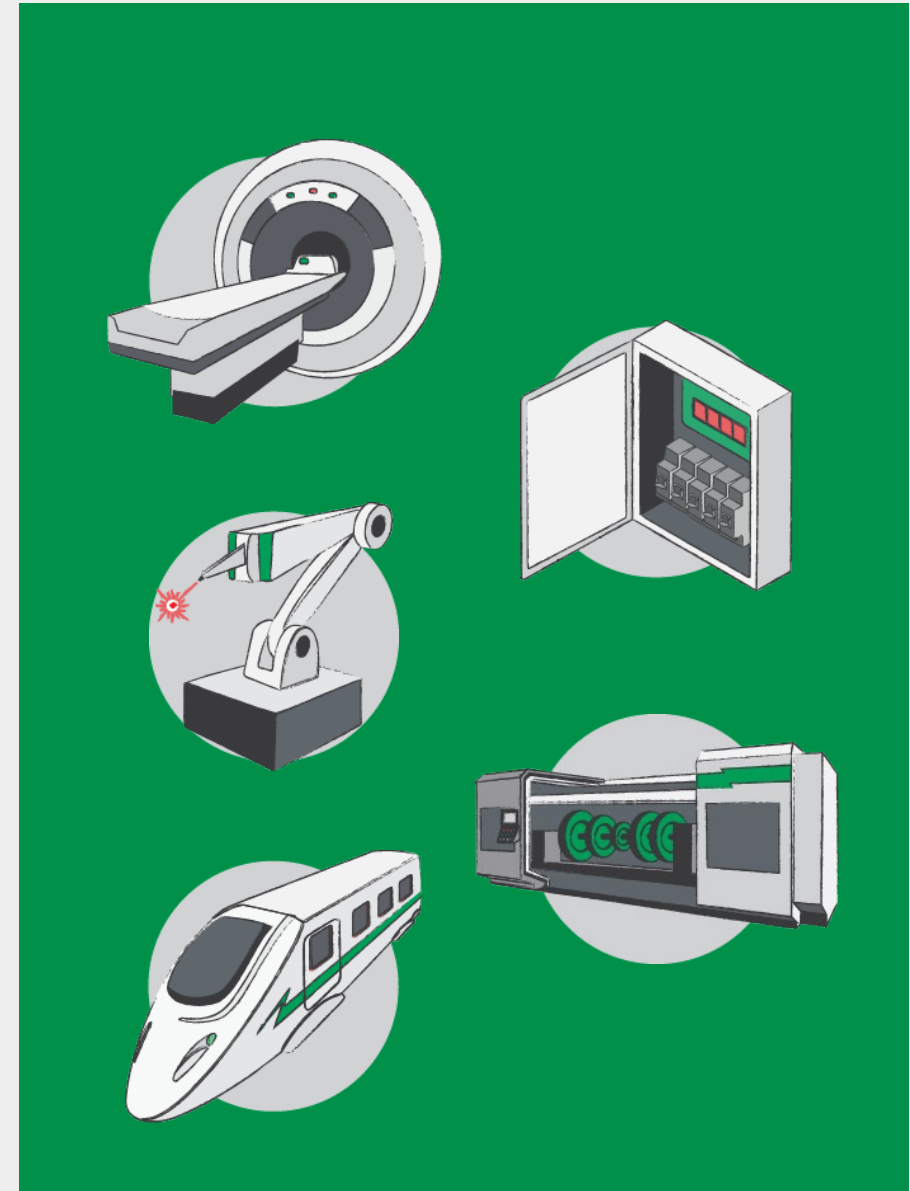
- Rigorous quality assurance system with 100% quality and function control
- ISO 9001:2015
- REACH and RoHS conform products

- Approvals from TÜV, UL/cUL
- Extensive laboratory equipment used for production control, quality assurance and customer specific testing

Typical Relay Applications

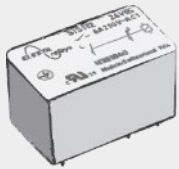
Relays with forcibly guided contacts are used everywhere where life and limb of people as well as goods have to be protected.

- Emergency stop switchgear
- Protection monitoring devices
- Robot controls
- Light curtains, light barriers
- Two-hand switchgear
- Lifts, escalators and conveyor belts
- Medical devices (e.g. laser scalpel)
- Railway technology (e.g. brakes, signals, passenger doors)
- Entertainment (e.g. controls for show stages)
- and many more ...



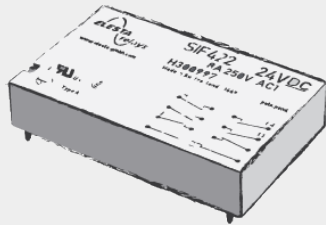
Milestones for relays with forcibly guided contacts

World's leading manufacturer of relays with forcibly guided contacts



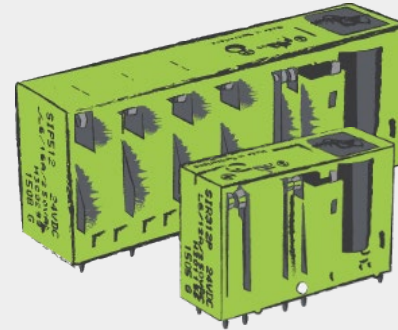
SIS2 SEN

Most energy efficient relay worldwide (200 mW)



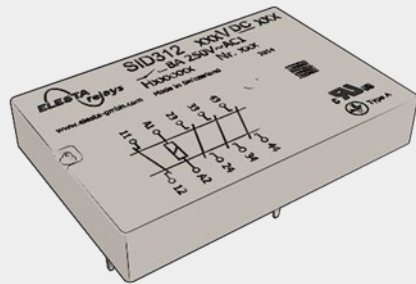
SIF3, SIF4 & SIF6

Flattest relay with 3, 4 and 6 contacts worldwide



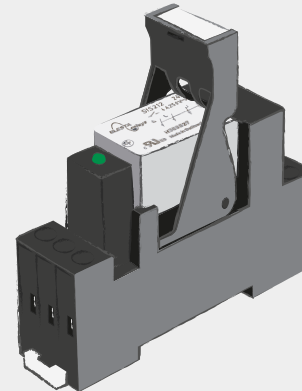
SIP6 & SIR4P

Most powerful relay worldwide (16 A/12 A nominal current; 60 A inrush current)



SID4

Double armature relay with two independent forcibly guided contact sets (IEC 61810-3 type A)



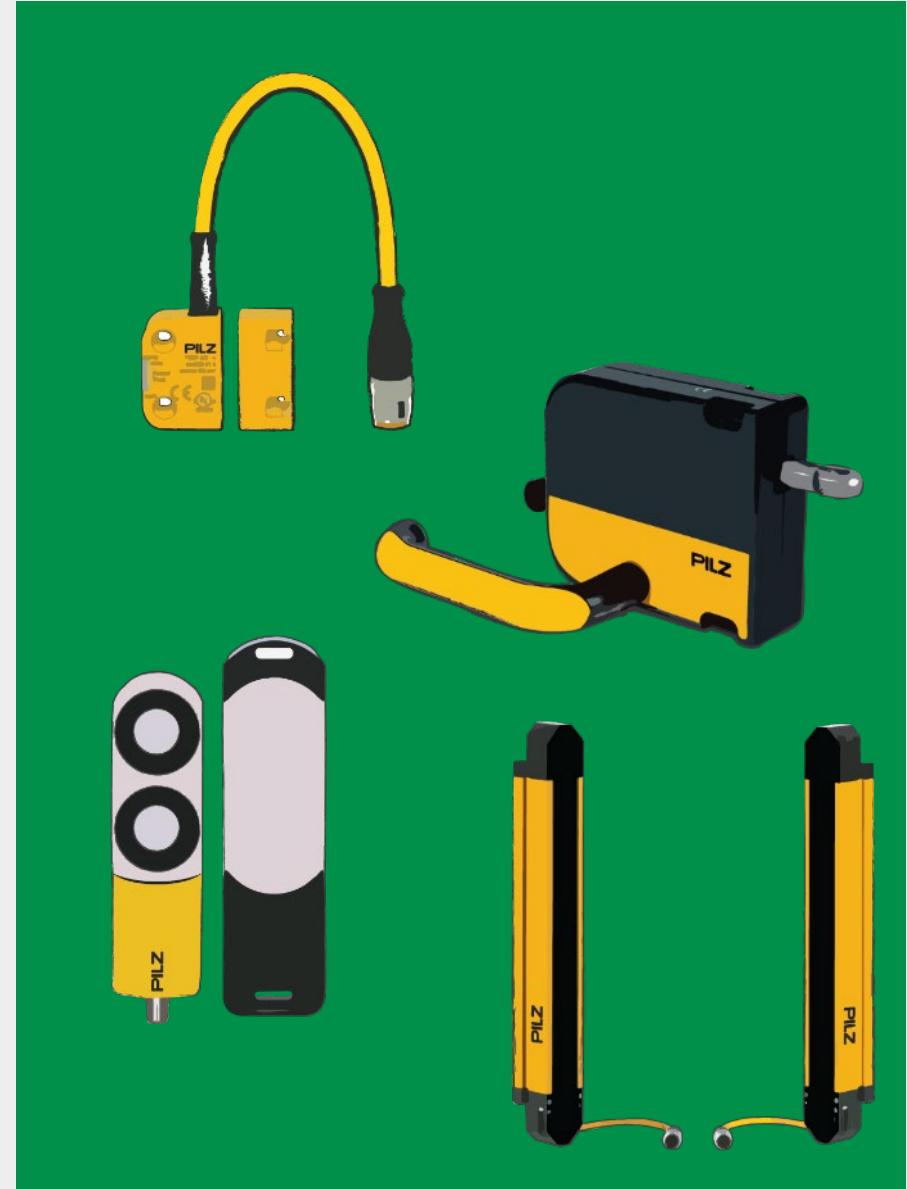
SIS3

Smallest relay with 3 contacts worldwide

Sensors for functional safety

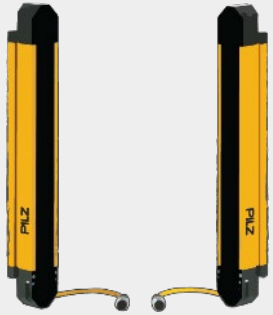
As an expert in the development and production of sensors for functional safety we develop customer-oriented solutions at the highest technical level.

- Proximity switches (RFID, Reed)
- Safety gate systems (mechanical, magnetic)
- Optoelectronic systems (LED)



Proximity switches, safety gate systems and optoelectronic systems

Developments for the Pilz Group



PSENOpt II

The world's first type 3 safety light grids, especially for robotics applications and type 4 light grids for particularly hazardous areas of application



PITgatebox

Push-button unit for simple and flexible control of safety gate systems



PSENmlock door handle module

Safety gate system for monitoring and guard locking of separating safety guards

Corporate culture

Lean and Agile

- Do it together / Do it simply
- Delegate & trust
- Each & everyone takes responsibility
- Encourage change
- Short-cycle

Shaping the future

- Learning, self-directing company
- Innovative products
- Flexibility beyond departmental boundaries
- Targeted automation and digitalisation
- Sustainable and profitable growth



Memberships

ELESTA is active in workgroups of associations and standards bodies:

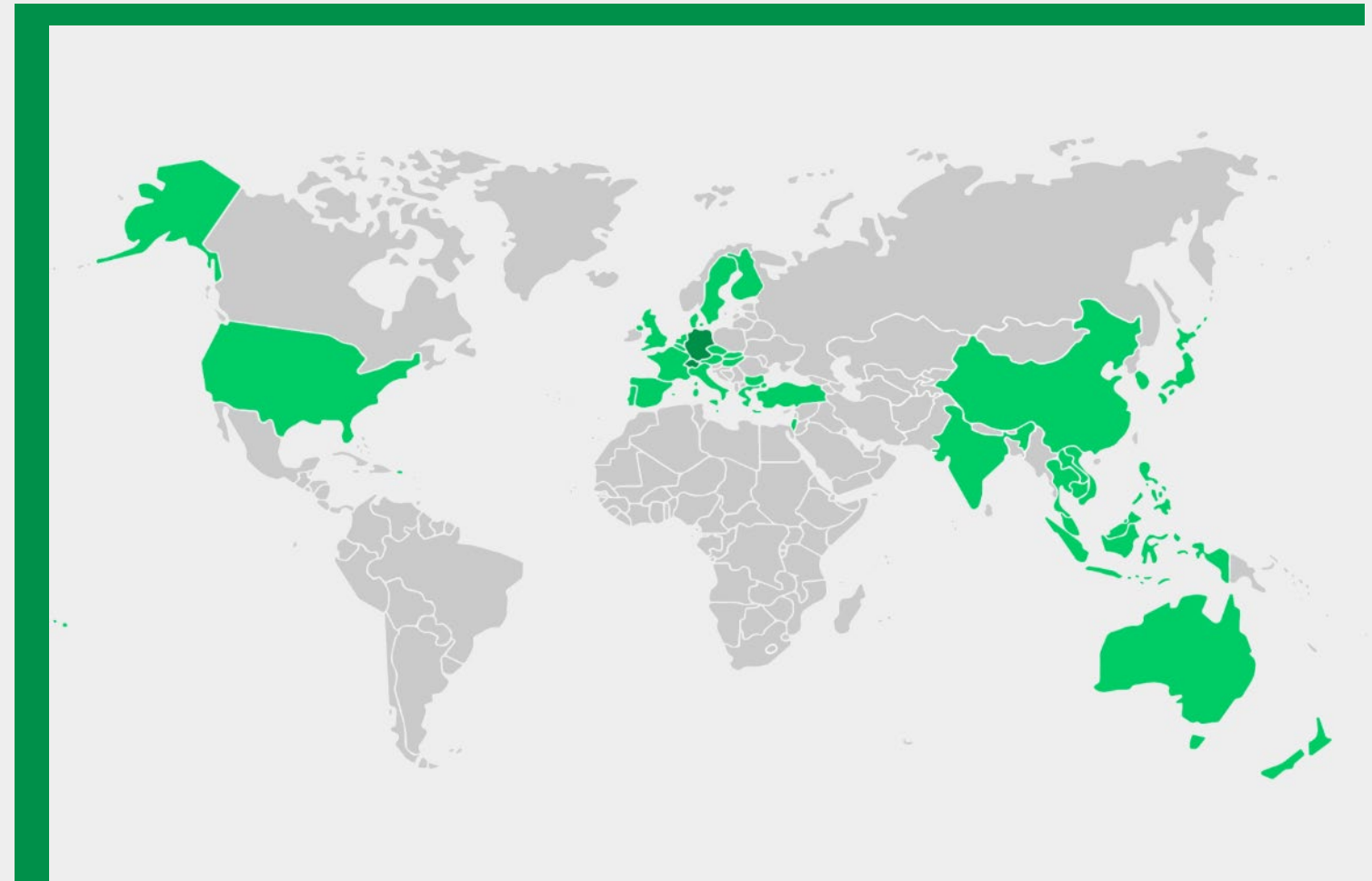


- **IEC** International Electrotechnical Commission
- **ISO** International Organization for Standardization
- **SEC** Swiss Electrotechnical Committee
- **DKE** German Commission for Electrical, Electronic & Information Technologies
- **ZVEI** German Electrical and Electronic Manufacturers' Association

Worldwide distribution

Specialised with local partner

- Worldwide distribution of relays and relay sockets
- High level of know-how
- Development support
- Proximity to customers
- Native language
- Sample service
- Application support
- Logistics service
- 34 trade partners
- Own distribution in Switzerland and Germany



Facts about the factory

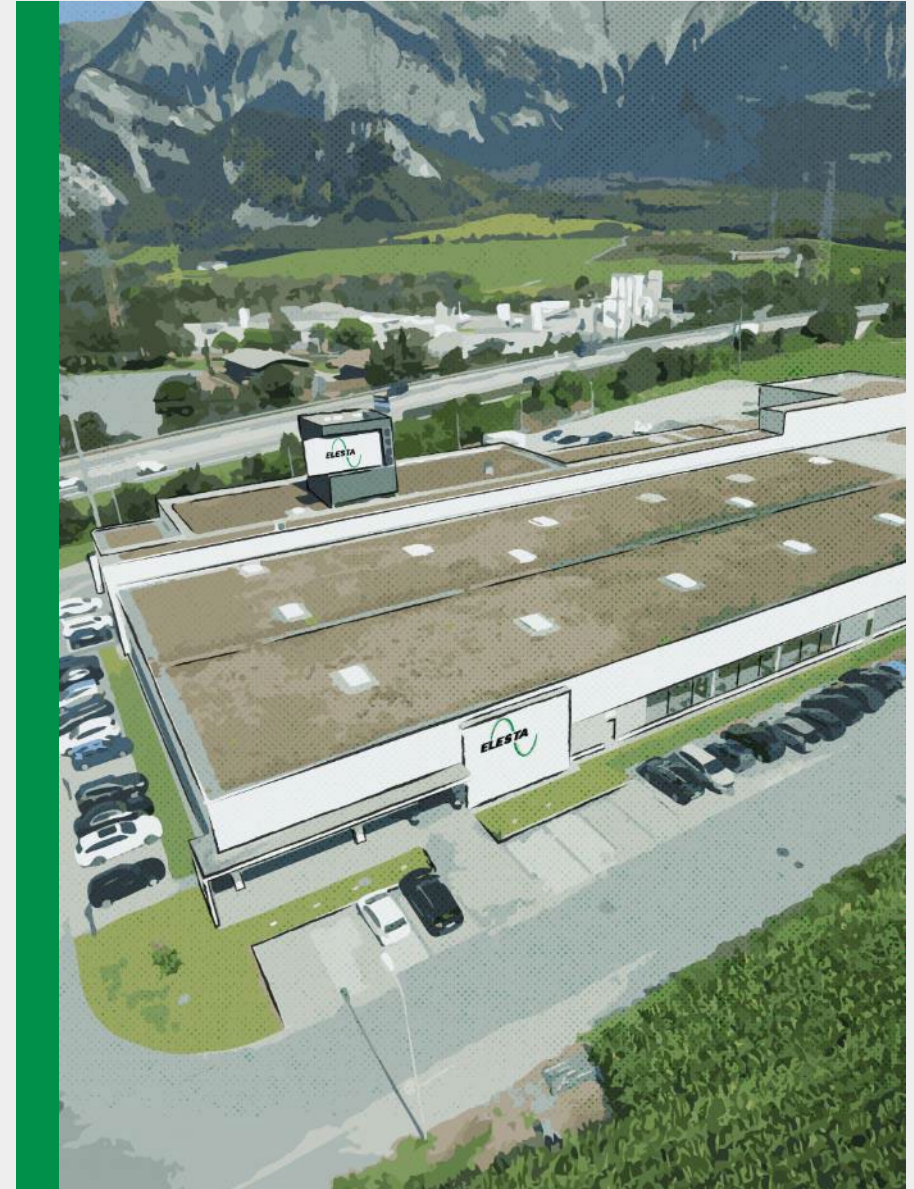


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- **Architectural style:** Classical Modernism
- **Geographical location**
 - Directly on the A13 motorway, exit Bad Ragaz
 - 7 min. walk from Bad Ragaz railway station
- **Facts**
 - 18,200 m² plot area
 - 8,600 m² ground floor area of building
 - Two floors in parts
 - Building volume of 65,000 m³

On the way to a sustainable factory

- Electricity from 100% hydropower (certified)
- Climate control 100% through geothermal energy
- Large window areas ensure a better working climate and energy savings
- Heat recovery
- Own production of N₂ (nitrogen)
- High recycling rate



Thanks a lot

for your attention

Please stay in contact with us:


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