

RAUSCHER

STOECKLIN

Company Details

- Founded in 1919
- 90 employees
- CHF 33 million turnover
- Production in Switzerland
- Sales worldwide
- Part of the R&S Group



3 Main International Business Lines

Transformers



**Railway
electrification**



**High current
components**



Transformers

- Liquid cooled distribution transformers (medium voltage, up to 2.5MVA)
- Auxiliary supply transformers for railway (single phase, medium voltage, 25-100kVA)
- Special transformers



High Current Connectors

- Plugs, connectors and connector units
- For 200 A to 400 A
- Up to 1'000 V
- Used in tunneling, industrial plants, harbors, train depots, etc.
- Installations in over 60 countries globally



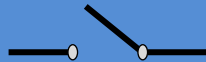
Railway Electrification



- Disconnectors
- Load break switches
- Earthing switch
- Operating systems

Full Range of Switches

Disconnectors



1



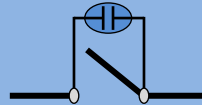
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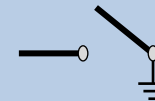
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Load Break Switches



Earthing Switch

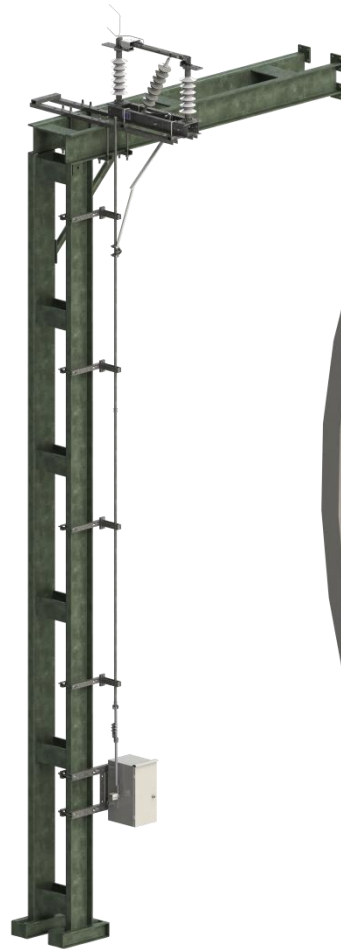


Many Mounting Options

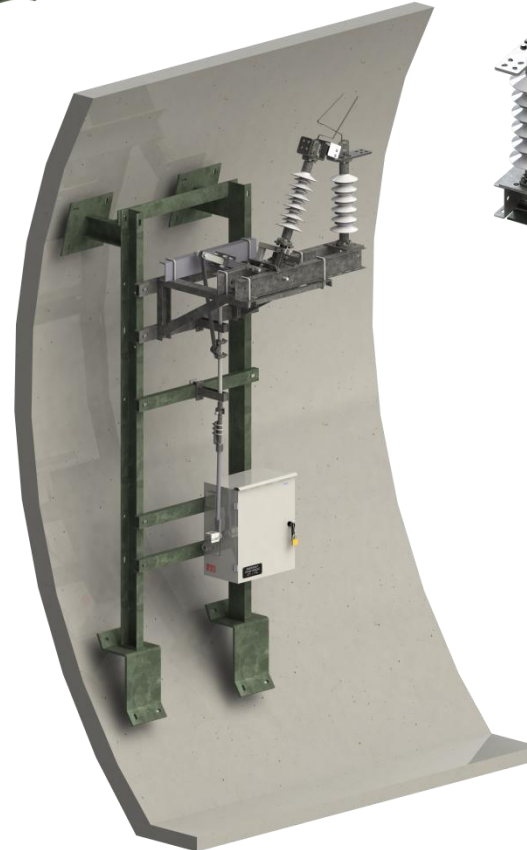
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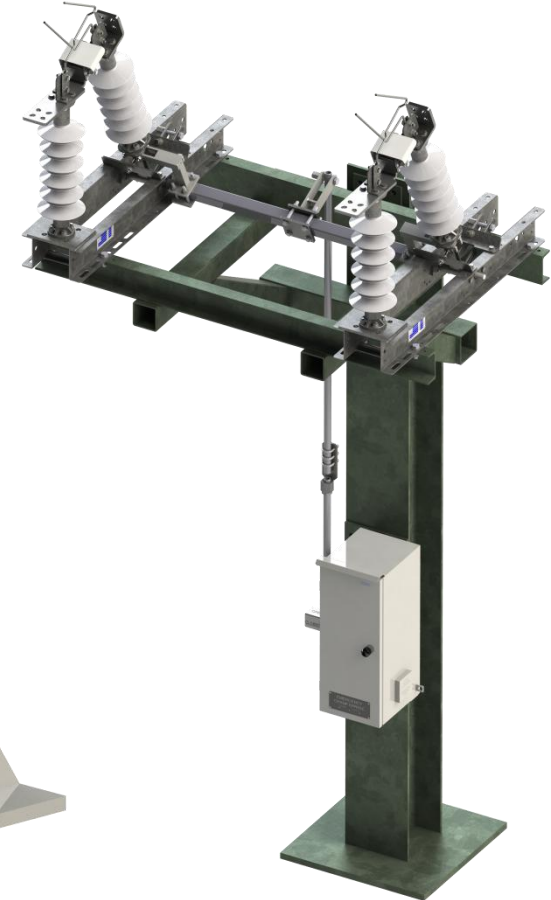
Pole



Portal



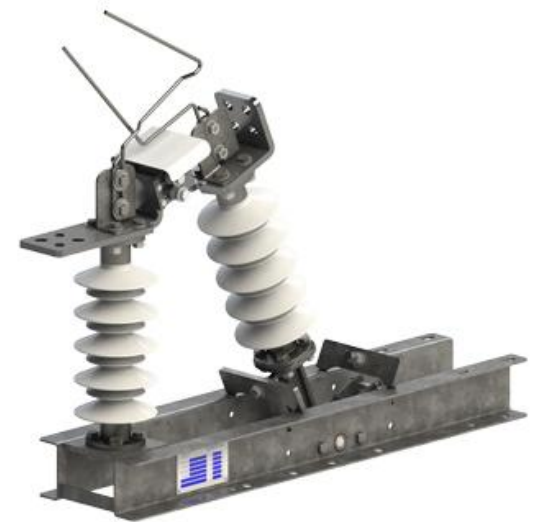
Tunnel



Two-pole

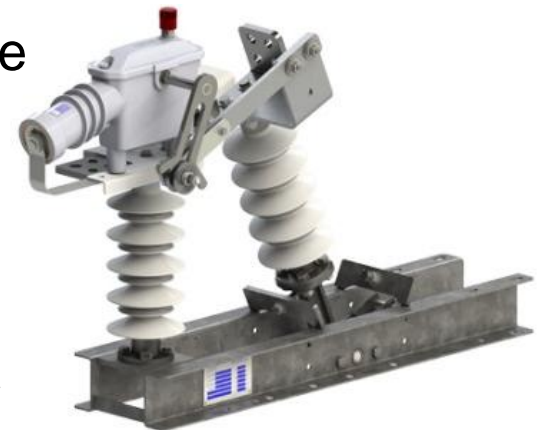
Disconnectors

- For the visual electrical isolation of **de-energized** sections.
- Rocker switch (Types B1 & B2)
- Knife switch (Type B3)
- Characterized by the following properties
 - Available for 15kV or 25 kV
 - Operating currents up to 2 kA
 - Robust and reliable main contacts
 - Combination as double-pole switch possible



Load Break Switches

- For the visual electric isolation of energized sections (i.e. **under load**) without arcing on main contacts.
- Rocker switch (Types B1 & B2)
- Knife switch (Type B3)
- Rauscher & Stoecklin load break switches are characterized by the following properties:
 - Available for 15kV or 25 kV
 - Operating currents up to 2'000 Amp
 - Robust and reliable main contacts
 - Well established vacuum chamber technology



Earthing Switch

- For the safe and reliable earthing of:
 - Electrically isolated sections
 - Depots
 - Loading tracks
 - Holding tracks

- Knife Switch (Type B3)

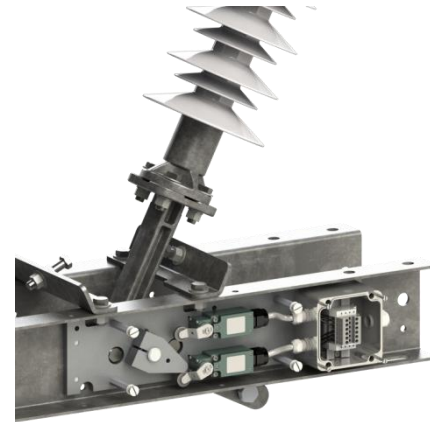
- Rauscher & Stoecklin's earthing switches are characterised by the following properties:
 - Robust design
 - Highest quality standards
 - Safety for people
 - Safety for equipment



Additional Unique Options

- Direct position indication
 - Adaptable for existing switches
 - Easy installation and integration in existing systems
 - Reliable installation on the switch
 - IP55 approved

- Forced earthing
 - No additional switch necessary for earthing
 - Adaptable for existing switches
 - Easy installation



Worldwide References

- Several decades of experience in the railway industry
- Installations in many countries in Europe, Africa, Asia
- Awarded with accreditation by many national railways



Selected Installations in Operation

Taiwan



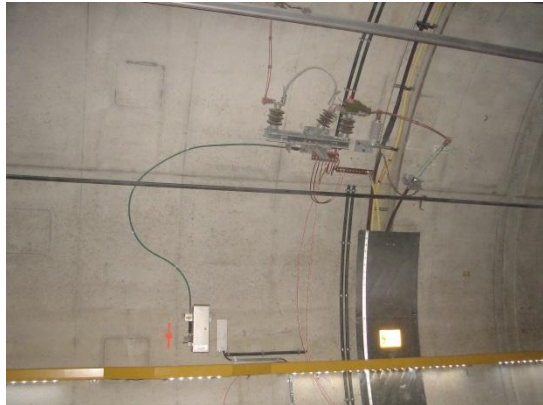
Spain



Eurotunnel



Switzerland



Installations in Operation

Netherlands



United Kingdom



Austria



Turkey



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