

# Medium voltage instrument transformers



**PFIFFNER** has been producing instrument transformers for more than 80 years. The devices perform their tasks in electric plant – day and night, summer and winter. Our instrument transformers meet the requirements of the international customers and are designed for a service life of 40 years.

Our medium-voltage instrument transformers are encapsulated under vacuum with epoxy resin. At operating voltage they are free from partial discharges and guarantee long-term and safe operation. The instrument transformers can be officially calibrated in our certified laboratories to meet customer requirements.



1

### Voltage transformer single-pole GD 12-36

- epoxy resin-insulated, block design
- for indoor application
- partial discharge free at operating voltage
- type-approved according to IEC
- free choice of mounting position
- tropicalised
- maintenance-free

2

### Voltage transformer bipolar GD2 12-36

- epoxy resin-insulated, block design
- for indoor application
- partial discharge free at operating voltage
- type-approved according to IEC
- free choice of mounting position
- tropicalised
- maintenance-free

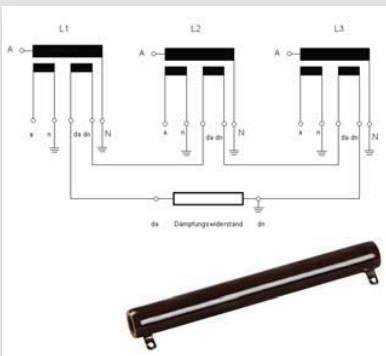
3

### Current transformer AD 12-36

- epoxy resin-insulated, block design
- for indoor application
- partial discharge free at operating voltage
- type-approved according to IEC
- free choice of mounting position
- tropicalised
- maintenance-free

Available with secondary for open delta connection.  
Appropriate resistances for ferro-resonance damping available as accessories.

[1]



Authorised for official calibration

[1, 2, 3]



Current transformer short-time current-proof even for short-circuited secondary windings according to IEC

[3, 4, 5]





4

## Current transformer AKQ 12-36

- epoxy resin-insulated
- for indoor application with uninsulated conductor
- primary current up to 15'000 A
- partial discharge free at operating voltage
- type-approved according to IEC
- free choice of mounting position
- tropicalised
- maintenance-free



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## Current transformer AKP 12-36

- epoxy resin-insulated
- for indoor application
- partial discharge free at operating voltage
- type-approved according to IEC
- free choice of mounting position
- tropicalised
- maintenance-free

Current transformer with primary change-over available

[3]



The form of the primary conductor can be freely chosen as the conductor is connected to the high voltage coating (screw P).

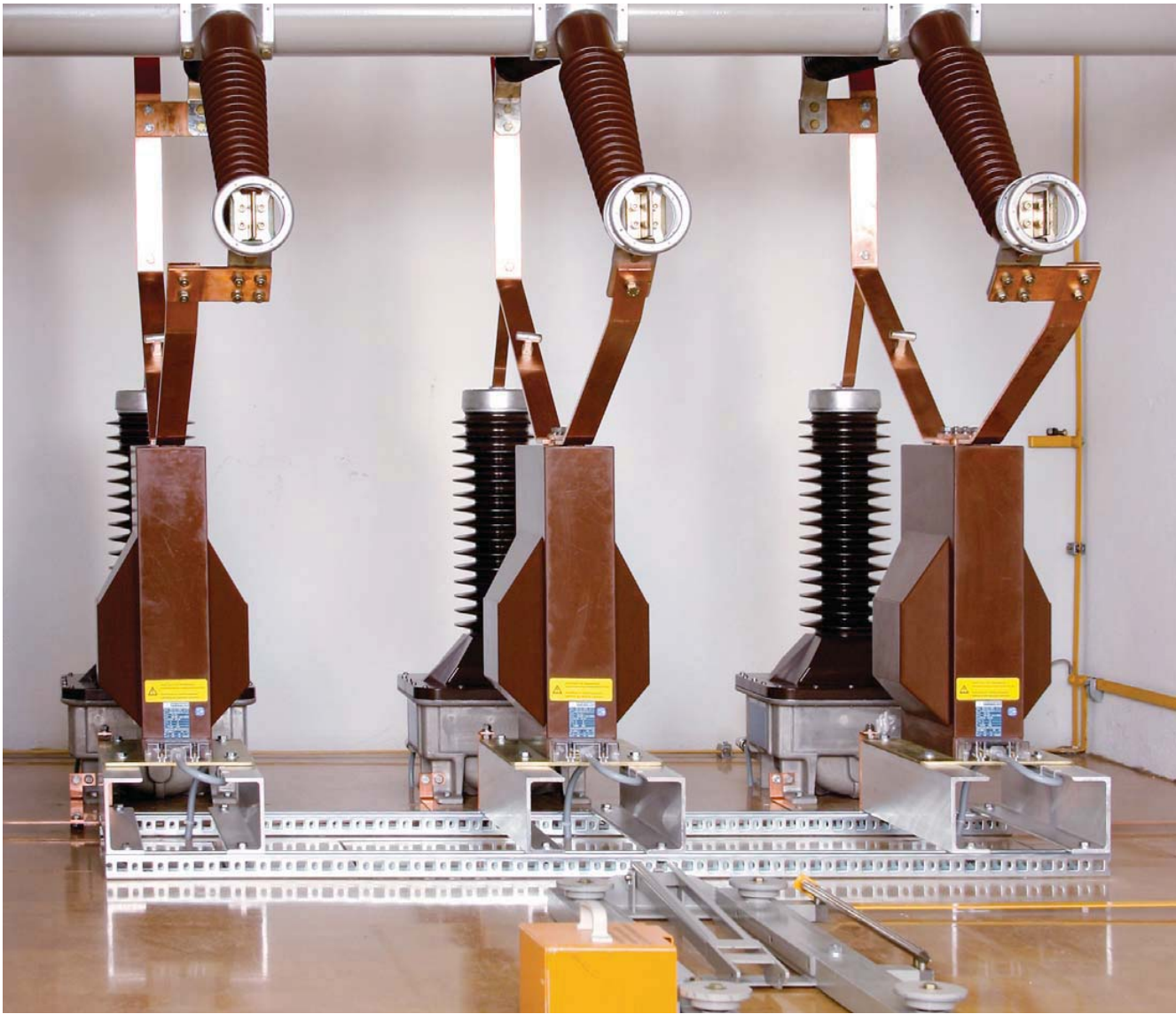
[4]



Customer-specific designs for space-saving and low-cost solutions in retrofit projects

[5]





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PIFFNER Instrument Transformers Ltd is the only instrument transformer manufacturer in Switzerland. This internationally successful, family-owned company employs around 200 employees in its main facility.

PIFFNER offers highest quality, maintenance-free, long-life products and innovative solutions. With production facilities on three continents, we cater for the requirements of the particular locations and, in this way, emphasise our customer proximity. Our business philosophy includes a clear commitment to Europe as a production location.

This is why our employees identify themselves with our products and our customers. On the part of our customers, we enjoy their high esteem, loyalty and satisfaction. In this way, we stress the importance of our motto "true values".



HIGH VOLTAGE

MEDIUM VOLTAGE

LOW VOLTAGE