



# Instrument Transformers



**PIFFNER**

Current and voltage – our passion

A comprehensive product portfolio covers inductive, capacitive voltage transformers and ohmic capacitive voltage dividers, meaning PFIFFNER has become a successful full-service provider for voltage transformers.

### Product benefits

- Generous terminal box
- 35+ years lifetime
- High level of in-house manufacturing
- Marine grade housings - made for harsh environment
- IEEE units on stock, ready to ship
- Competitive Pricing
- Optimized design: less oil - less weight

### Delivery advantages

- Competitive Pricing
- Highly competitive lead times: Approx. 22 - 26 weeks delivered FOB site
- Durable sea-worthy packaging (storage no problem)
- Easy long term storage

## Portfolio for the US market

PFIFFNER's product range includes all current and voltage transformers from low-voltage to high-voltage options of 550 kV, from a few amps to today's 50,000 A power plants.



**CVT - ECF (72-550 kV)**

- Oil-paper insulated
- Ferro-resonance-free
- Accessories: PLC, PGS, heater and PQ sensor
- IEEE standardized - max. 0.3 Z / 0.15 Y



**Inductive VT - EOF (24-245 kV)**

- Oil-paper insulated
- Working at low induction
- Damping unit minimizing ferroresonance
- IEEE standardized - max. 0.15 Z or 0.3 ZZ



### Inductive CT - JOF (24-550 kV)

- Simple primary winding changeover
- Explosion tested casing
- High accuracy extended range (0.15 B-1.8, 0.05% to RF)
- Multi ratio available
- Up to 6 CT cores



### CT/VT combo - EJOF (24-170 kV)

- Less space needed
- More cost efficient
- Less material used
- Fewer transportation costs / easier to handle and install
- High accuracy extended range (0.15 B-1.8, 0.05% to RF)



### RCVD - RC Divider ROF (72.5-550 kV)

- Oil insulated (mineral or bio based)
- Protection and measurement in high-voltage transmission and distribution (AC)
- Accurate measurement of power quality (harmonics, transients, DC offset etc.)
- Highest accuracy from DC up to 30 kHz



### Medium Voltage (12-36 kV)

- Outdoor and indoor dry-type (cast resin) instrument transformers
- Voltage transformers (1-pole / 2-pole)
- Current transformers
- IP65 protection

# Global presence

## PFIFFNER Group

PFIFFNER is the ideal business partner to serve global customers in different segments like utilities, industries and railways. The PFIFFNER Group is acting with several brands: PFIFFNER, MOSER GLASER, ALPHA, HAEFELY and HAVECO. The brands are well-known in the market and have pioneered several technologies over the last decades.

## PFIFFNER Instrument Transformers

Emil Pfiffner founded PFIFFNER Instrument Transformers Ltd in Hirschthal in 1927. The traditional company is now the only manufacturer of voltage transformers in Switzerland. Since 1990, the company has consistently focused on international markets by providing best-in-class quality products and services to our customers worldwide.

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# PFIFFNER

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HV HIGH VOLTAGE

MV MEDIUM VOLTAGE

LV LOW VOLTAGE