

OUR TECHNOLOGICAL AND ECONOMIC WAY INTO THE FUTURE SECURES THE INVESTMENT OF THE USER

UNIQUE SELLING PROPOSITION

Our design engineers always focus their creativity and knowledge on the benefit of the user

- The Trench Compensation Controller EFC60m integrates the current injection functionally and mechanically into a 19" rack housing.
- Since 70% of all earth fault compensation operators in Switzerland consider the function of the current injection as a necessary standard equipment, a compact solution is offered here with a 40% lower capital expenditure compared to the previously used two separate units (current injection in the command room or respectively separate housing on the coil – some still used today)
- The Trench development and manufacturing groups of primary and secondary technology are domiciled in the same company and in the same place (Leonding / Austria). The communication between the two units is thus based on „ALL FROM ONE SOURCE“ and is extremely fast and effective.
The Petersen coil and the control technology are functionally and service-oriented fully coordinated – a maximum of effectiveness, development optimization and quality assurance.

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STATE-OF-THE-ART-TECHNIQUE

The development process of the new compensation controller includes even more functional elements

- The new development is now in the 6th generation with the field experience of the market leader for Petersen coils and controllers
- Three available control principles: Multi-frequency current injection / 50Hz current injection / coil adjustment
- Sufficient number of interfaces already in the base unit for comprehensive communication in the substation
- USB interface on the housing front for communication with terminal software
- Snapshot mechanism as a simple way to collect all data buffers and logfiles
- Non-volatile parameter memory (EEPROM)
- Intuitive operation via large, high-resolution color touch display
- Fast system-supported commissioning / simple function control during operation
- Ready-to-use analysis function for standard applications with the flexibility of an expandable packaging
- Freely programmed control for the uncomplicated solution of plant-specific special tasks