



CP remote monitoring has been standard for years. The continuous recording and analysis of the relevant measurements enable action to be taken considerably more rapidly to deal with any weaknesses and other faults in the system and, of course, the number of manual monitoring measurements required at regular intervals has fallen. Thanks to the constant availability of the remote control units used today, remote clocking can be carried out at short notice, for example.

The ability to make changes to the protection current from the control center or when you are on the move also represents a significant potential saving. Steffel is setting new standards in this area. Fast availability, continuous control, system integration and all at a low cost!

Remote control of CP rectifiers

Highlights

- available for all standard classes
- continuously adjustable
- control traditional variable transformer/rectifiers remotely (easy to retrofit)
- variable transformer models also available as complete protection current units, of course
- also available as electronic rectifiers
- direct communication with the Steffel ISM2010 (CP remote control unit)
- full system integration into the Steffel MS2010 (CP management system)



Example of retrofitting in LCP: Multi-channel protection device with remote control by stepmotor, all measurement and control channels on just one ISM2010 unit.

Product information

Protective current remote control

You have the choice, we have the solution

Since intelligent remote monitoring components are already in use in many protection current units, the basis for remote control is often in place.

Both, electronic remote control sets and our innovative variable transformer remote control sets can be operated on the Steffel ISM2010 remote control units.

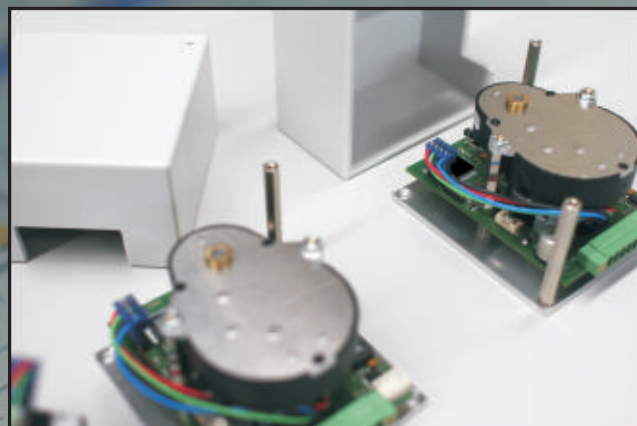
Remote control of the CP rectifier through the Steffel MS2010 (CP management system) can therefore be set up easily and cost-effectively.

Remote control via stepper motor drive.

Steffel offers continuous remote control of protection systems, even for those devices with variable transformers, that have proven in CP since decades.

In particular this provides the opportunity to retrofit remote control to existing systems in a cost-effective way.

In addition to complete systems in all standard classes, our stepmotor sets are also available as retrofit sets for fitting to existing variable transformer axes (see image on the right). Direct connection to the system bus of our ISM2010 remote control units (a single ISM2010 handles up to 24 remote control rectifiers with adjustable bus addresses)



Technical data for transformer rectifiers

- continuously adjustable output voltage
- continuously adjustable output current
- system bus interface to ISM 2010

Technical data stepmotor set

- for fitting onto the axis of a variable transformer
- axis widths from 6 to 10 mm
- max. torque 2Nm
- therefore available for many classes
- system bus interface to the ISM2010

Remote control with electronic Transformer/rectifier units.

Our electronic rectifiers – which are also available in various classes – can exchange their data with ISM2010 units via a special rectifier control card.

Technical data for electronic rectifier

- output voltage continuously variable 0...50V DC
- output current continuously variable from 0 to the respective rated value
- RS232 interface to the ISM2010



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