

TN 10

Remote Terminal Unit (RTU) for remote control, monitoring and automation of medium-voltage line disconnectors

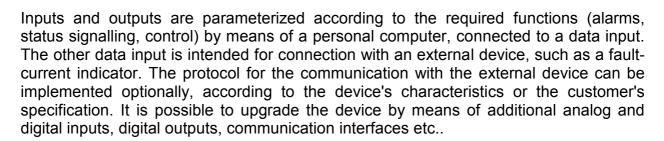
The TN 10 Remote Terminal Unit (RTU) is designed for the control and supervision of line disconnectors in medium-voltage (MV) distribution networks. It can be used for control of pole-top MV disconnetors, as well as for RMUs in MV/LV substations. The TN 10 controls other field-devices through its digital, analog and data interfaces. Communication between the device and SCADA system in control room can be wireless (radio, GSM/GPRS/3G, Wimax, TETRA), modem (fiber optics).

MAIN CHARACTERISTICS OF THE DEVICE

- 8 to 32 digital inputs
- > 4 to 12 digital outputs
- 4 analog inputs
- ➤ 1x Ethernet or RS-232 interface + 1x serial interface (RS-232)
- Control of up to 6 MV line disconnectors
- Battery-backup memory for storing the time-tagged events
- Real-time clock
- > LED indication of the RTUs' status
- SCADA connectivity: DNP 3.0 slave
- Spa Bus master protocol driver for communication with fault current indicators



> High EMC immunity



The communication with the control centre is based on the DNP3.0 protocol, however, optionally also other protocols can be implemented, according to the customer's requirements/specifications. The signalling and control are possible also by means of SMS messages.

