

MV UNDERGROUND SWITCH REMOTE CONTROL INTERFACE - ICONTROL-TX



MV underground Switch Remote Control Interface (ITI-PASA), ensuring optimal management (remote control and monitoring) of distribution networks.

Main characteristics

Combined with one or more motorised MV switch units, the Switch Remote Control Interface (IControl-Tx) offers:

- Local or remote network reconfiguration
- Network monitoring and remote reporting of MV faults, regardless of the neutral point connection
- Automatic power source permutation (PASA function for double bypass powered substations)

The IControl-Tx is constructed in a modular fashion to meet the various needs of customers:

- Controls up to 16 switch cells
- Battery backup power
- Adaptable power supply voltage
- Communication protocols: IEC 101 / IEC 104 / DNP3 / MODBUS / HNZ, etc.
- Communication media: RTC / GSM-GPRS / private radio network
- Fault detection: amperometric or directional
- Logging of dated events
- Remote measurements
- Integrated automation, such as PASA (automatic power source permutation) and ADA (automatic opening in voltage dips)

Advantages

- Optimised electricity distribution network management for improved service continuity
- Compatibility with all market MV boards
- All necessary functionality available for local or remote operation of MV structures with motorised switch units
- Modular and compatible with all types of communication media and monitoring systems (SCADA)
- Configuration and settings through an onboard web server

Uses

- Public distribution network
- Private network (industrial, renewable energy, etc.)

