Datasheet
Meter Data Management: System component

40/01 Interface for mobile meter reading (MES-F)

from V03.209A Interfaces for MES-F

up to 2,500 simultaneously processable metering points, import/export handheld, route management, information list output

Additional system information:
1. Data transmission from/to HHU
   • transmission via memory card drive and serial interface (RS232)
   • use of communication server components of the application
   • automatic synchronization of handheld via serial interface (RS232) and USB
   • HHU program updates via memory card, serial interface and USB

2. Transmission of billing data, route defaults and additional information
   • transmission of meter information, customer information and meter reader information from PC to handheld
   • possibility to limit the maximum number of meters existing on a handheld (streets are always exported completely)
   • transmission of route defaults from PC to handheld (for handheld versions with reading using route defaults)
   • transmission of emergency reading orders from the application to the handheld
   • automatic assignment of reading data when transferring from handheld
   • automatic creation of new meters when transferring from handheld (for billing records manually read or read via IEC1107)
   • transmission of all routes to PC
   • transmission of partial read routes to PC

3. Administration of default data (route defaults etc.) - distribution
   • administration of route defaults imported by billing system
   • automatic grouping in orders, routes
   • administration of default data (customer, meter location, meter type, notes, reading date, plausibility values etc.)
   • list of all routes of an order with statistic
   • list of all meters of a route with statistic
   • display of process status (not processed, at handheld, processed, read, exported)
   • possibility to show and hide fields in list representation
   • sequence of displayed fields can be changed in list representation
   • sorting and filtering of a list representation by processing status, route number, meter number, city, street, house number
   • administration of meter reader data with central user administration
   • allocation by moving and copying devices within routes
   • assignment of meter readers by moving and copying routes
   • administration and editing of information tables for a meter reader (assignment code to text)
4. Evaluations and output of information lists (reports)
   - display of process status (not processed, at handheld, processed, read, exported)
   - automatic printout of information lists at data transfer to handheld
   - list with information for meter reader (e.g. key number)
   - reading plan (route plan with lists of devices to be read)
   - printout of reading evaluations:
     - evaluation list "Meter reader statistic" showing a reading status statistic concerning routes, cities, streets and houses
     - evaluation list "Meter reader notes" showing a meter reader statistic and a list of all information given by meter reader