CA-GSM-1 Alarming Unit with GSM Communication

The electronic system of the CA-GSM-1 alarming unit with a safe power supplier and battery is assembled on a metal plate with a plastic enclosure of IP-55 tightness class. The enclosure has five cable spouts enabling putting easily through cables from peripherals. The spouts are located in the way allowing to install more such spouts. Screw terminals are easily accessible (what is particularly important when more peripherals are to be connected). On the unit plate the operation status signalling (LED diodes) and functional push button from the enclosure cover are duplicated. Also installed additional LED diodes and two-digit display extend the possibilities of diagnosis.

CA-GSM-1 Software

Full access to the CA-GSM-1 unit can be attained with the software operating in the Windows environment. The connection with the unit can be done through the USB or RS-485 (MASTER) interfaces installed on the unit plate. After a preliminary configuration a GPRS connection can be arranged. The software assures the full ease of the unit configuration, including a wide settings of inputs, outputs, and external sensors as well as operation, communication, and self-diagnosis parameters. Particular attention should be drawn to the possibility of defining long (160 characters) SMS messages containing information on the current status of the unit and connected sensors (e.g. temperature level). The software also enables the monitoring of current parameters and logging of the operation history from the unit memory by combining single readings in a chronologically arranged whole.