SUPERVISION AND CONTROL SOFTWARE

SWB

cod. 6600-300010

Extremely easy to use, with modern user-friendly graphics, it allows for complete management of rooms and common areas in terms of accesses, temperature, electric utilities activation, alarms, signalling, etc.
Possibility of complex technological controls with dedicated software modules.
It is provided with historical database to record and print all events (alarms, signalling messages, anomalies, accesses, etc.). It is prearranged for management of additional workstations and can be interfaced to most popular front-office PMS programmes.

MEGA-M ROOM MANAGEMENT SOFTWARE

SWG-M

SWG-M25 cod. 6200-181025
Room management software from 1 to 25 rooms

SWG-M50 cod. 6200-181050
Room management software from 26 to 50 rooms

SWG-M75 cod. 6200-181075
Room management software from 51 to 75 rooms

SWG-M100 cod. 6200-181100
Room management software from 76 to 100 rooms

SWG-M150 cod. 6200-181150
Room management software from 101 to 150 rooms

SWG-M200 cod. 6200-181200
Room management software from 151 to 200 rooms

SWG-M250 cod. 6200-181250
Room management software from 201 to 250 rooms

SWG-M500 cod. 6200-181500
Room management software from 251 to 500 rooms

SWG-M1000 cod. 6200-181999
Room management software from 501 to 1000 rooms

IMPORTANT NOTICE

The UGC-M control unit is mounted in DIN rail and takes 6 modules. It must be powered at 12Vac with 30VA transformer, which takes 3 additional modules. An independent transformer must be used for each control unit and must be connected to dedicated electrical line with on-line UPS.

Always disconnect power supply before making electrical connections.

Connection cables of input devices (i.e. magnetic contacts, buttons, etc.) must not exceed 20 metres in length.

Room teleruptor must be at 230Vac. Additional transformers must be installed for components with different voltage.

Use a good-quality crimping tool to crimp RJ45 and RJ12 PLUG connectors and check them with cable tester. The length of the cable must not exceed 15 m for art. AS, AJ and AIC-M; it must not exceed 5 m for items LCC-M and LTC-M.

In case of strong inductive loads or led lights, use auxiliary relays to control them. Do not connect these loads directly to ITC units relays. We recommend installing a 1.6A delayed fuse between relay output contact and load to protect the board in case of actuator failure.

Auxiliary relays must be used to close electrical shutters, possibly in combination with suitably dimensioned protection fuses. The shutter motor must not be connected directly to the UGC-M relay.

We recommend keeping signal lines (data BUS, inputs, etc.) separate from power lines.

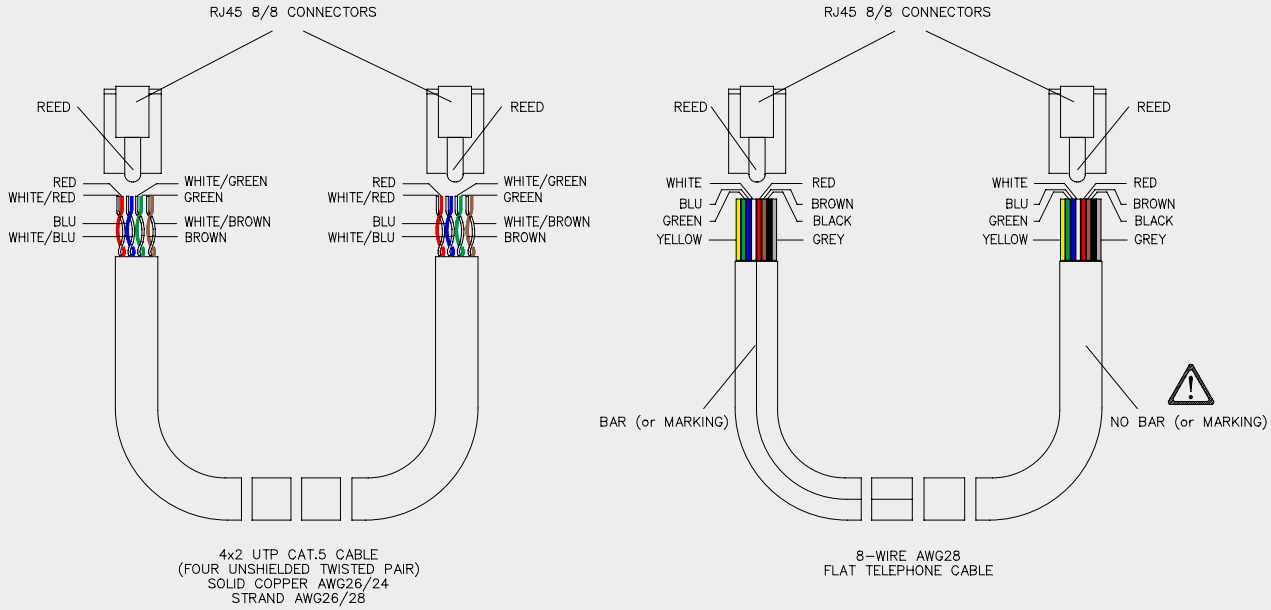
The minimum requirements of the PC used to control the installation are as follows:

- Operating system: Windows 7 professional or Windows 10 Pro.
- Intel i3 CPU
- 2500 GB hard disk
- 4 GB Ram
- S-VGA colour monitor
- 2 USB ports dedicated to MEGA system + 2 additional USB ports available
- Fast Ethernet 10/100 Mbps network board with Internet access, for potential remote assistance
- Mouse and keyboard
- Audio board and speakers

For correct operation the PC must be always on and must be dedicated to the MEGA-M technological management system.
The control software works at 800x600 pixel resolution.

CABLE HEADING FOR RJ45 CONNECTOR OF CHIP CARD OR TRANSPONDER READER

CABLE HEADERS FOR CARD READER CONNECTION

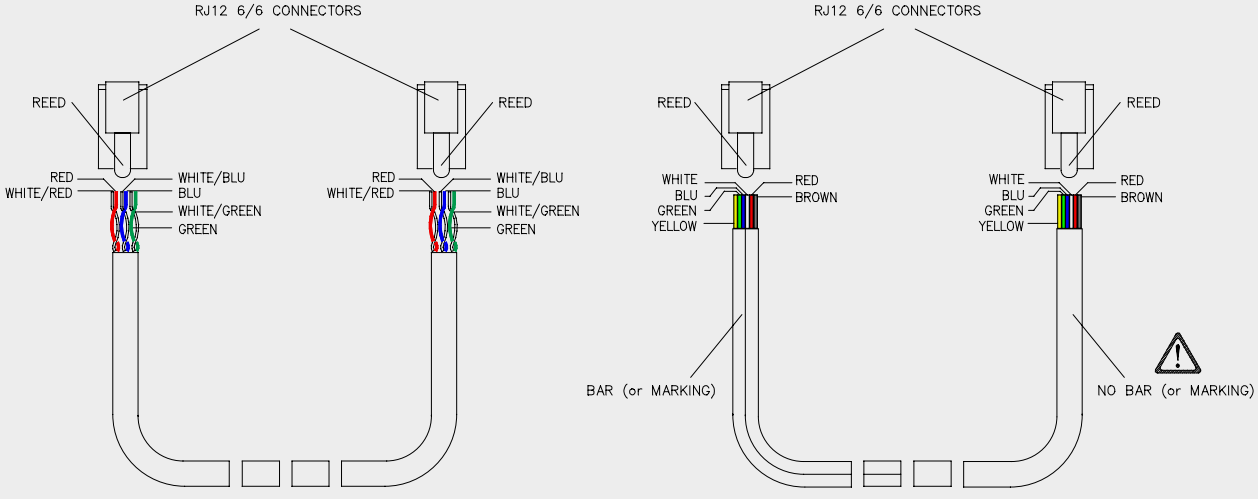


4x2 UTP CAT.5 CABLE
(FOUR UNSHIELDED TWISTED PAIR)
SOLID COPPER AWG26/24
STRAND AWG26/28

8-WIRE AWG28
FLAT TELEPHONE CABLE

CABLE HEADINGS FOR RJ12 CONNECTOR OF ROOM ACTIVATOR

CABLE HEADERS FOR ROOM ACTIVATOR CONNECTION



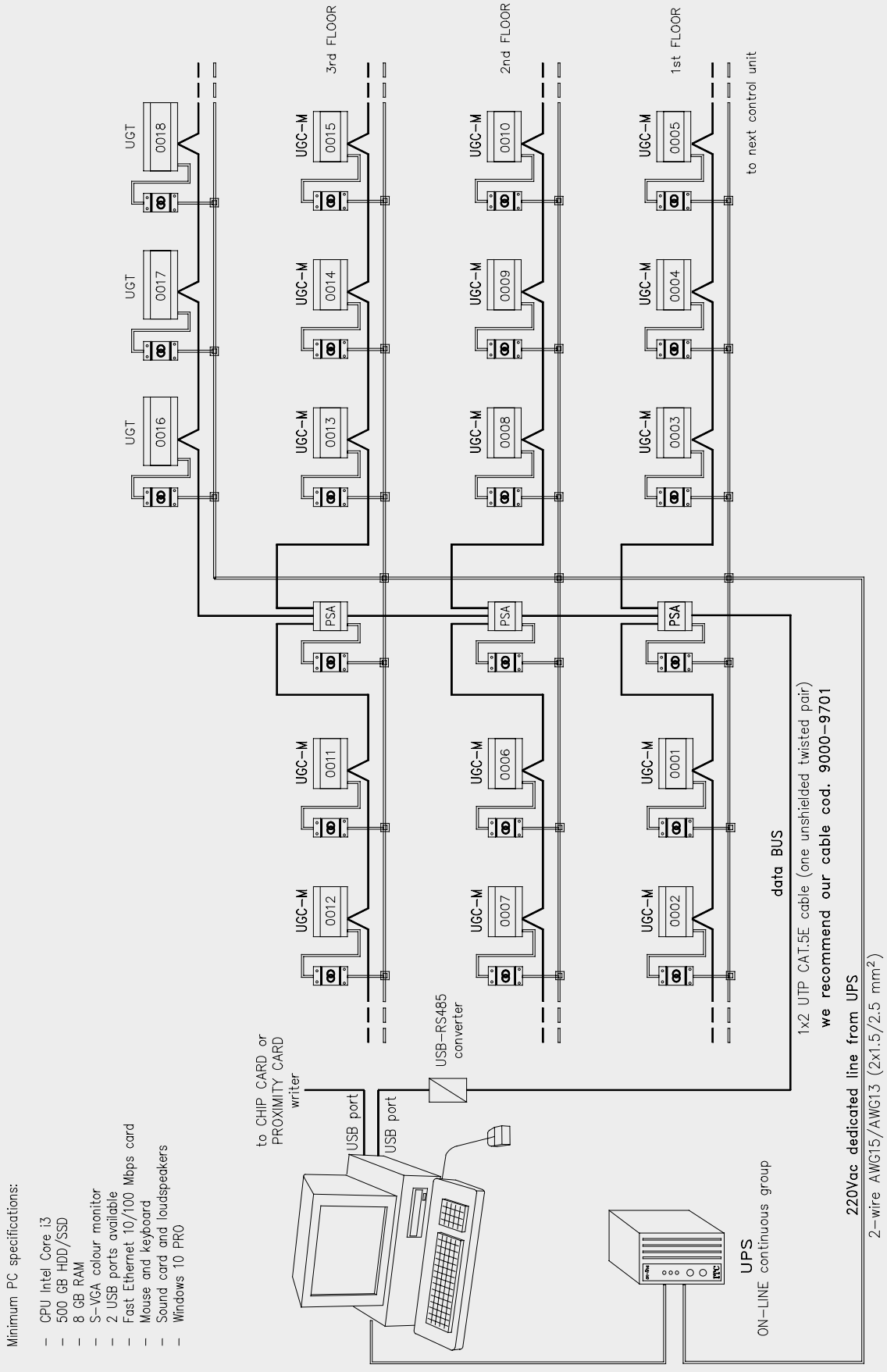
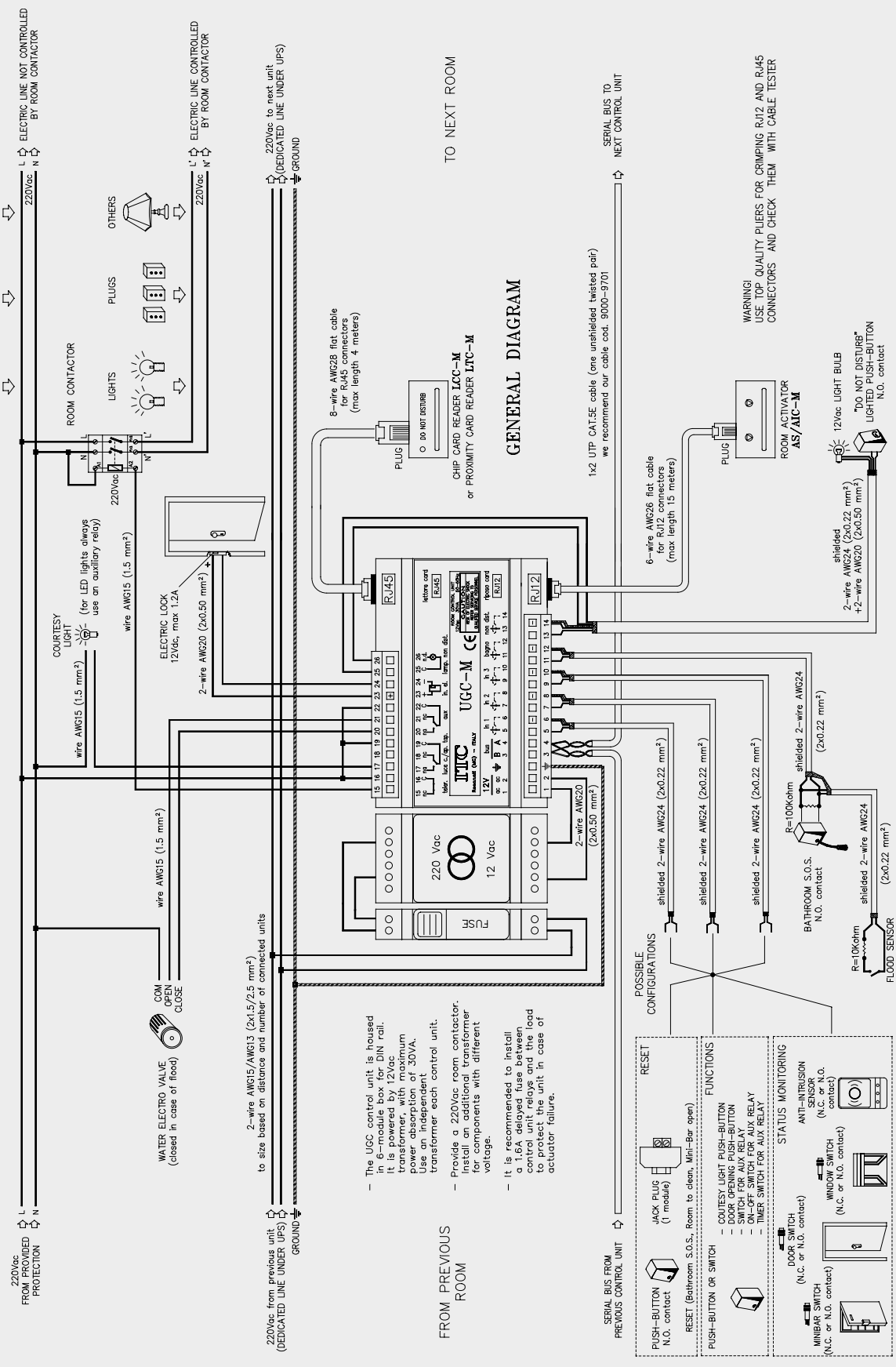
3x2 UTP CAT.5 CABLE
(THREE UNSHIELDED TWISTED PAIR)
SOLID COPPER AWG26/24
STRAND AWG26/28

6-WIRE AWG26
FLAT TELEPHONE CABLE

WARNING!

- ONLY USE CABLES DESCRIBED IN DIAGRAM. IF IN DOUBT CONTACT ITC TECHNICAL SUPPORT.
- ONLY USE TOP QUALITY RJ12 6/6 AND RJ45 8/8 CONNECTORS.
- USE TOP QUALITY CLAMP FOR CRIMPING. METAL ONES

BUS SND POWER SUPPLY CONNECTION DIAGRAM



MULTI-WIRE ROOM DIAGRAM