Network   Multi application controller

DIGIcontrol-FC3300

- Integrated building and security controller
- Ethernet TCP/IP next generation building control
- DIGIcontrol-3000 building control Software
- Up to 1000 FC3300 in a wide area network
- 4 IBB bus interfaces with up to 120 devices
- 50 out of 2000 zones with up to 1000 alarm points
- 1 Relays output and one monitored alarm Input
- Access controller for up to 50 doors & 15000 Cards
- Lighting controller for up to 200 of 10.000 light circuits
- Intercom, video & sound on demand controller
- 24V/60VA 230VAC power supply

HIGH-TECH SECURITY & BUILDING AUTOMATION SYSTEMS MADE IN AUSTRIA

ATS

DIGIcontrol-FC3300

Multi application controller

TCP/IP Ethernet is the new standard for security and building control systems. DIGIcontrol-FC3300 multi-application building & security controller is fully built to this standard. With an outstanding price performance it supports all functionality of the DIGIcontrol-FC3100 but without battery backup, only one analogue input and one relay.

Through its forward-looking concept, it combines alarm & intrusion, access, light & temperature control, intercom & video surveillance, sound on demand control and many more functions of modern building and security technology in one device. It reduces your energy consumption by up to 30% and saves up 70% off cabling and installation costs.

System scalability from a single apartment to a skyscraper and use of standard Ethernet infrastructure ensures flexible configuration and expansion capability of up to 1000 floor controllers in one system. A built in high performance 256bit AES communication encryption makes it to the securest controller worldwide.

The multi-lingual DIGIcontrol-3000 security and building automation software, is an advanced development of the famous DIGIcontrol-2000 SW. It supports all FC3100 integrated security and building automation functions in a level of performance and a simplicity-of-use which is unmatched by anything else in its class.

A powerful 32Bit microprocessor with 4MB flash memory, CMOS-clock, 10/100Mbit Ethernet interface and 3 serial ports supports following important functions:

- 120 devices on up to four IBB lines
- 50 of 2.000 Access areas and 15.000 cards
- 100 time structures for access, door function …
- 200 of 10.000 light circuits and 50 light programs
- 50 of 2.000 alarm areas in one of 2000 groups
- 400 regulation modules
- 16 local switching cameras
- 16 local Video door entry phones
- direct interaction with ATS digital Video recorder

An RS485 data and power bus with four separate supervised lines each with 1A/12VDC power enables connection of up to 120 devices in total. Each line with separate fuse & protection supports a CAT-5 cable length with a maximum of 500m.

Up to 4 sensors can be connected to the supervised input. Further alarm interface devices can be connected over the RS485 IBB network to support a maximum of 1000 alarm points in up to 50 alarm areas per FC3300.

A 230V/60VA switched power supply delivers 2,5A 24VDC to supply the unit, extension modules, readers and locally connected alarm peripheral.
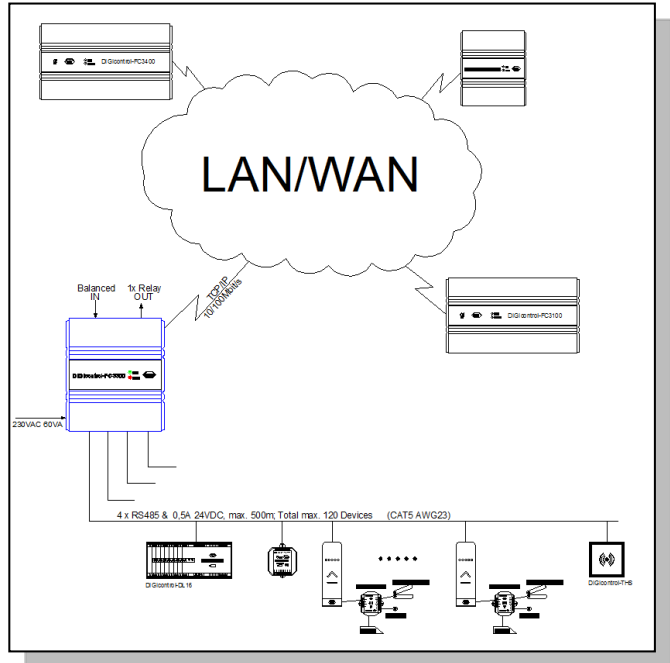
Technical Data:

32 Bit 400MHz i.MX27 ARM9CPU and Lithium battery
  CMOS clock;
64MB SDRAM, 128MB NAND Flash memory,
10/100Mbit Ethernet interface,
1x 56kB serial communication with bus multiplexor
  to 4x RS485 IBB lines with separate protection and
  0.5A 24VDC power output and line power monitoring each
1x RS232 for diagnostic
1x supervised single alarm input
1x tamper switch,
1x Relay out max 30V/0.2A
Power supply: 110-250VAC 60 VA
  DC Output: 24V DC 2,5A max.
Dimensions (overall): 150 x 175 x 80 mm
Temperature range: -10° to +45°C

Delivery:
DIGIcontrol-FC3300 complete with DIGIcontrol-3000 software licence, installation & wiring instructions.

Variants:

DIGIcontrol-FC3301
As DIGIcontrol-FC3300 but for only 60 IBB devices, 20 access and 20 arming areas and 20 regulation circuits

Options:

DIGIcontrol-UID
Additional UID verification for up to 15000 Cards

DIGIcontrol-T&A
T&A support for DIGIcontrol-TD6 terminal

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