DIGIcontrol-FC3400

- Integrated building and security controller
- Ethernet TCP/IP next generation building control
- DIGIcontrol-3000 building control Software
- Up to 1000 FC3400 in a wide area network
- 4 IBB bus interfaces with up to 60 devices
- 32 out of 2000 zones with up to 1000 alarm points
- Access controller for up to 32 rooms & 64000 Cards
- 5000 Personnel groups for access rights
- Lighting controller for up to 200 of 10.000 light circuits
- Intercom, video & sound on demand controller
- 24V/60VA 230VAC power supply & battery management
- Continuous 24V bus voltage even on battery mode

HIGH-TECH SECURITY & BUILDING AUTOMATION SYSTEMS MADE IN AUSTRIA

ATS

DIGIcontrol-FC3400

Multi application controller

TCP/IP Ethernet is the new standard for security and building control systems. DIGIcontrol-FC3400 multi-application building & security controller is fully built to this standard.

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 FC3000 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 128MB flash memory, CMOS-clock, 10/100Mbit Ethernet interface and 2 serial ports supports following important functions:

- 120 devices on up to four 500m IBB lines or TCP/IP
- 32 of 2.000 Access areas and 64.000 cards
- 100 time structures for access, door function …
- 200 of 10.000 light circuits and 50 light programs
- 32 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 & intelligent IP-Cameras

An RS485 data and power bus with four separate supervised lines each with 0,5A/24VDC 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.

One supervised input allows signalling of third party devices. Further alarm interface devices can be connected over the RS485 IBB network to support a maximum of 1000 alarm points in up to 32 alarm areas per FC3400.

The power management features a 230V/60VA switched power supply with battery control, space for a 12V/7Ah battery to supply the unit, extension modules and locally connected alarm peripheral.
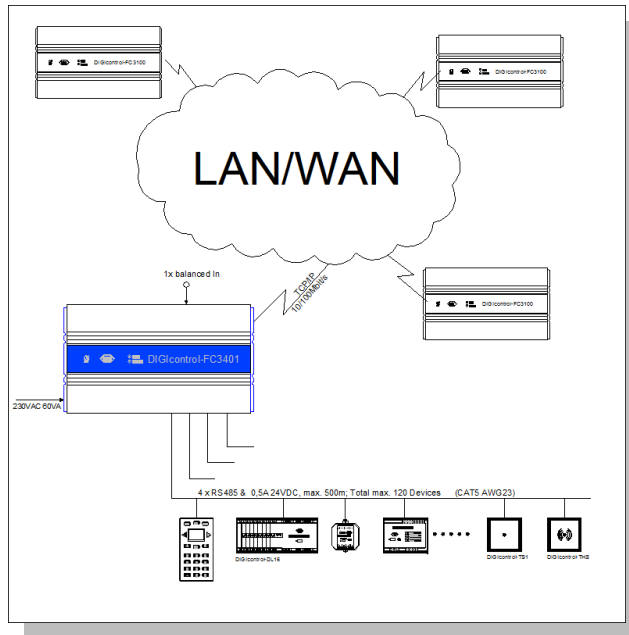
Technical Data:

32 Bit 400Mhz i.MX27 ARM9 CPU with Lithium battery buffered CMOS clock;
128MB SDRAM, 128MB Flash memory,
10/100Mbit Ethernet interface,
1x 56kB serial communication with bus multiplexor
    to 4x RS485 IBB lines (max. 500m CAT5 cable)
        each with electronic fuses 0,5A 24VDC and line power
        monitoring
1x RS232 for diagnostic
1x supervised alarm inputs
1x tamper switch,
Power supply: 110-250VAC 60 VA
    DC Output: 24V DC 2,5A max.
                    Battery charging and managing logic
                    AC and Battery Power monitoring Inputs
Dimensions (overall): 307 x 175 x 80 mm
Temperature range: -10° to +45°C

Delivery:
DIGIcontrol-FC3401 complete with DIGIcontrol-3000 software licence, installation & wiring instructions.

Variants:

DIGIcontrol-FC3401
As DIGIcontrol-FC3400 but for 60 IBB or TCP/IP devices, 20 access and 20 arming areas and 20 regulation circuits

Options:

DIGIcontrol-UID
Additional UID verification for up to 64000 Cards

DIGIcontrol-SAL
Support for wireless Sallis door locks over TCP/IP link

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