



DIGIcontrol-C44(C)/-C22 /-C4

- Light control & alarm I/O module
- individual addressable inputs & outputs
- potential free power relays (DIGIcontrol-Cxx)
- relay power management for low power consumption
- four energy counter inputs (DIGIcontrol-C44C)
- two 1-10V dimming circuits (DIGIcontrol-C22)
- configurable alarm input filter functions
- EEPROM for filter and input parameter
- Lighting control function logic
- Intelligent Building Bus (IBB) interface

DIGIcontrol-C44/-C22/-C4

The DIGIcontrol-Cxx input/output light and alarm control modules with two to four inputs and relay outputs, are **Intelligent Building Bus (IBB)** devices with local intelligence. They are designed to extend the input and output capacity of DIGIcontrol-FC3xxx controller with networked light switches, presence detectors, regulation devices and alarm points.

A unique serial number allows the configuration of a RS485 ID-number in the range from 1 to 120. The devices are powered over their internal power regulators from the IBB line. An intelligent relay power management featuring a small relay hold current reduces the IBB power requirement.

Parameters are stored in EEPROM to avoid loss of data in the event of power failure. Configuration is carried out from the computer, allowing parameters such as the association of input to lighting circuits or lighting groups, input filtering, assignment to alarm zones and input characteristics to be defined. Each input can be used at the same time for lighting control, regulation, video, intercom, access control and alarm monitoring.

DIGIcontrol-C44 features four monitored digital inputs. This enables the use in VDS conform alarm configuration and 4 general-purpose Relay outputs.

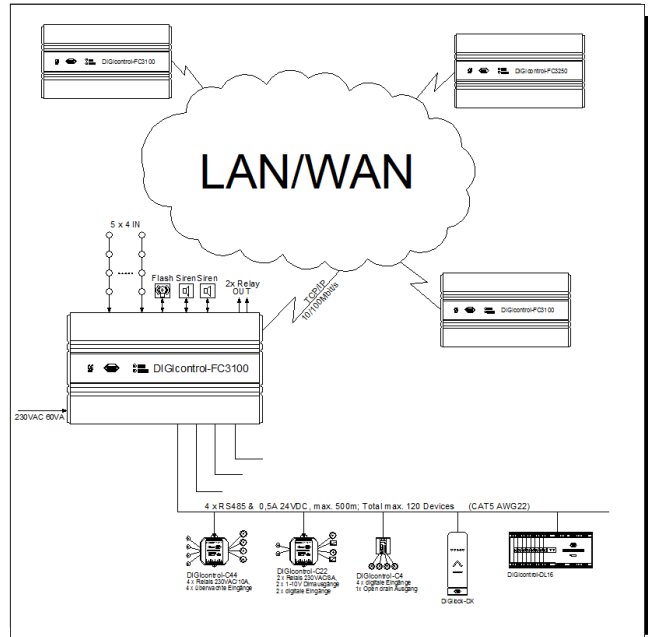
DIGIcontrol-C44 and -C22 features a special snap in function to use of a DIN-rail or two screw holes for mounting.

DIGIcontrol-C44C allows besides all function of a standard C44 to configure one or all inputs as energy counter inputs, to monitor and protocol energy consumption.

DIGIcontrol-C22 features together with 2 relay outputs and two digital inputs also two potential free analogue 1-10V/5mA dimmer outputs.

The small size of the **DIGIcontrol-C4** input module makes it possible to mount the unit under a standard light switch in a normal DIN switch box. All inputs feature a 15cm cable to be directly connected to the light switch. An additional open drain output (20mA max) could be used to steer a single LED.

Input / output modules



Technical Data:

All modules:

CMOS microprocessor with EEPROM for ID and filter parameters, IBB network interface
Supply voltage: 10-28 VDC
Operating temperature: -10° to +45°C

DIGIcontrol-C44(C)

4 monitored digital inputs
at -C44C could be used also as counter Inputs
4 Relay 230VAC/10A
Supply current: 150mA max.
Dimensions: 80 x 67 x H 39 mm
DIN-Rail mounting

DIGIcontrol-C22

2 digital inputs
2 analogue outputs 1-10V/5mA
2 Relay 230VAC/10A
Supply current: 100mA max.
Dimensions: 80 x 67 x H 39 mm
DIN-Rail mounting

DIGIcontrol-C4

4 digital inputs
1 open drain output 30mA max
Supply current: 18mA max. (without LED)
Dimensions: W 39 x H 33 x D 14 mm

Delivery Contents:

DIGIcontrol-C44, -C24, -C22 or -C4 (in ten Pack box) complete with installation and wiring instructions.

Information contained in this document is correct at the time of publication (070914) is subject to change without notice.

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