DIGIcontrol-DMX

- Intelligent IBB to DMX light bus controller
- 2 x DMX interfaces with 32 devices each
- 180VA 24VDC switched power supply
- 2 controlled 3,5A/24V power outlets
- 2x monitored Inputs
- EEPROM for Filter- und Set up parameters
- Power monitoring & light control logic

DIGIcontrol-DMX

Light bus gateway

DIGIcontrol-DMX is an intelligent IBB (**I**ntelligent **B**uilding **B**us) to DMX512 gateway. It features two DMX lines to control up to 32 light devices with 4 DMX channels each. Just 5 wires are needed to control and supply up to 32 lamps individually.

A unique serial number allows the configuration of a RS485 ID-number in the range from 1 to 120. The connected light units are shown on the IBB as light outputs 1-64. This allows the floorcontroller to steer 64 DMX Lamps per controller with brightness and colour temperature. Time functions featuring a dynamic change of the colour temperature for special use, or to simulate natural daylight. An intelligent relay power management featuring a small relay hold current reduces the IBB power requirement.
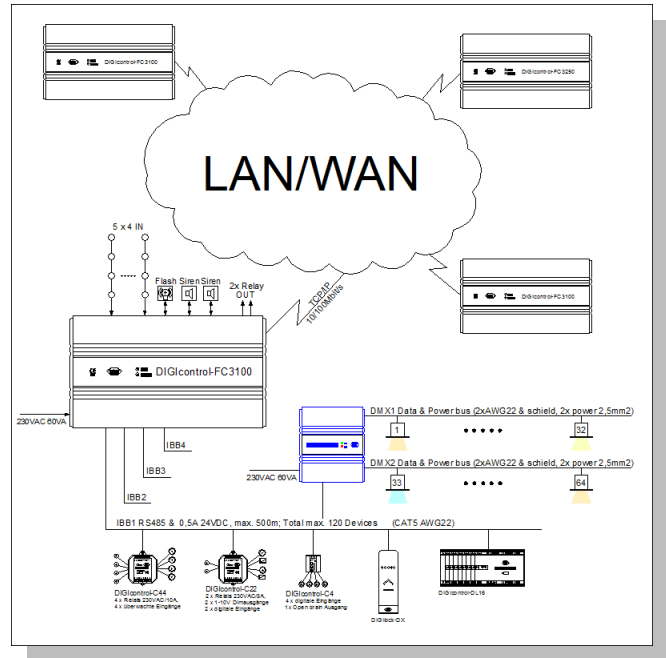
Parameters are stored in EEPROM to avoid loss of data in the event of power failure. Configuration is carried out from the computer, allowing parameters such as the association of input to lighting circuits or lighting groups, input filtering, assignment to alarm zones and input characteristics to be defined. Each input can be used at the same time for lighting control, regulation, video, intercom, access control and alarm monitoring.

LED-Lamps could also be controlled in RGB mode to illuminate areas in any expected colour.

Two 24V/3.5A power outputs generated by an high efficiency (88%) 180VA fan less switched power supply, allows a direct supply of up to 14 DIGIlux-E8DMX LED lamps. The power current is monitored and secured with fuses and can be switched off by separate Relays, in case no bus lamp is active, to reduce standby energy.

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The elegant DIGIcontrol-DMX on wall aluminium housing makes it possible to mount it easily anywhere needed.

Technical Data:

DIGIcontrol-E82:
CMOS microprocessor with EEPROM for ID
and filter parameters,
IBB network interface
2x DMX512 output channels
2x 24VDC/3.5A with fuse and relay interruption
for energy saving
2 Relais 24VDC/6A for power interruption
2x dual LED's for System und DMX-Status
2 monitored digital inputs
Operating temperature: -10° to +45°C
Dimensions: L142 x B175 x H39 mm
Power supply: 120-230VAC / 180VA 24VDC
Temperature range: -10° to +50°C

Delivery Contents:
DIGIcontrol-DMX complete with installation and wiring instructions.

Variants:
DIGIcontrol-DMX2 as DIGIcontrol-DMX but with 2x180VAC switched power supplies.

Lamps:

DIGIlux-E8DMX
Square LED-Spot for false sealing mount; 12W/24VDC, 1000lm, CRI>90; Adjustable colour temperature 2700-6500K; Adjustable RGB-colours, DMX Interface to control colour und brightness.