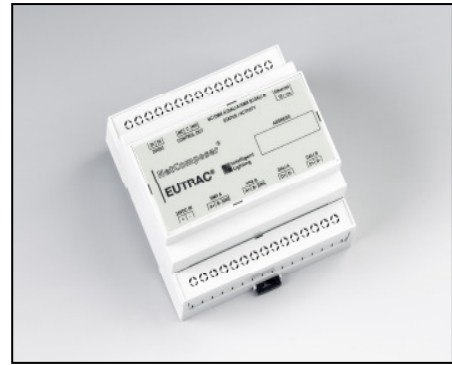# EUTRAC®

Intelligent Lighting

NetComposer USB 2 port

Item no.: 558 3 0011 0

Digital lighting control device with intelligent scene management and time switching program. Setup for installation in a DIN rail system housing. Connection via USB interface.
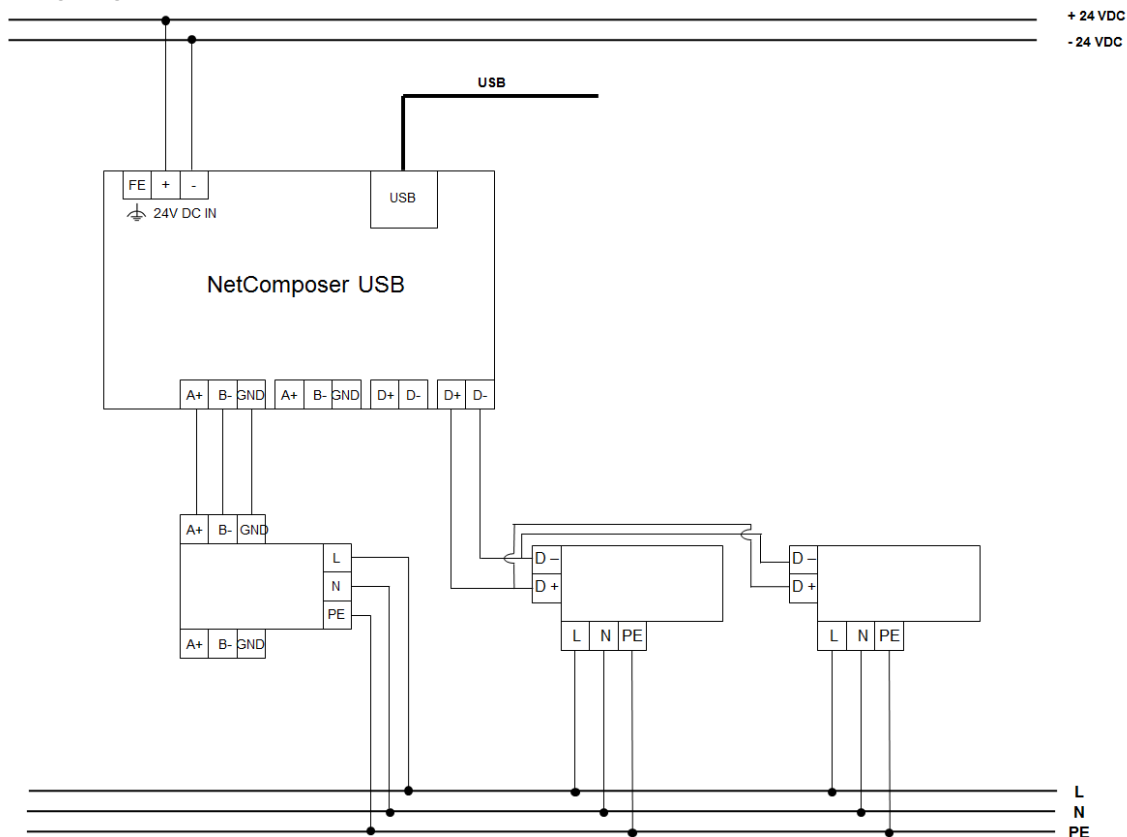
NetComposer System:

The NetComposer system is suitable for most ranges of applications which need a reliable and energy-efficient light control. The range of applications goes from the classical light management, dynamic architecture lighting (Architainment) up to event LED lighting installations. Real highlights are the use of the intuitive Composer configuration software and the intelligent light scene management which works with or without central PC. There is also a wide range of accessories like digital in- and output modules, light sensors and graphic project visualization software.

Highlights:

- Simple, intuitive, graphical user interface with integrated lighting mixer console
- Control of 128 IEC 62386 compatible data bus
- Simultaneous operation of IEC 62386 compatible data bus
- Operating modes: Standalone
- Intelligent light scenes and light group management with local functionality
- 128 light scenes and 128 light groups with graphic or spreadsheet operation
- Light scenes can be created directly and stored without group assignment
- Spreadsheets for scene and group table, with copy and Live View function
- Time switching program with astronomical clock for energy-efficient scene call with daylight exploitation
- Calendar time schedule configuration for each single day of the year possible
- Automatic and manual addressing as well as multiple addressing is possible
- Offline lighting designer tool with power calculation, export/import-function with plausibility check
- Safe shutdown in case of power failure with permanent measurement of the voltage
- Selectable start-up behavior: Last active value, certain value, scene, sequence or last sequence
- Graphic colour control for IEC 62386 compatible data bus, Ambiance Mixer for mixing 2 light colors
- Graphical controls for IEC 62386 compatible data bus moving head lights (Moving Lights)
- Support of the IEC 62386 compatible data bus standards Colorcontrol (209) and Optical Controls (211) with one data bus address only
- Graphical adjustment of the IEC 62386 compatible data busconstant light control with presence detection (Multi Master Sensor)
- 32 sequences (CUE's) with up to 128 steps, thereof one sequence can be constantly active with or without loop
- 200 Logic Links (Conditions) for easy functional links
- Plug-in flash memory for sequences and configuration (included in delivery)
- Channel type extension for better overview of the connected lights
- Password protected Edit Mode for all security-relevant parameters
- Standard USB interface for operation, commissioning and firmware update

Wiring diagram:

Mounting and installation instructions:

- Composer Software is optimized for Windows 7
- Installation in housings with 35 mm rail
- The IEC 62386 compatible data bus output is compliant with the IEC 62386 compatible data bus standard. The corresponding specification of the IEC 62386 compatible data bus commands can be found in IEC 60929 (in the future: IEC 62386) and can be obtained from your local IEC member
- The max. permissible length of the IEC 62386 compatible data bus control line is 300 m 2x1,5 mm² (984.25 ft 2x2.33 sq in)
- The electrical installation of the IEC 62386 compatible data bus control line must be run as a functional extra low voltage installation

IEC 62386 compatible data bus-devices (LightMotionSensors and TrackLinkButton's) can be conected on each IEC 62386 compatible data bus-line. The maximum current per line should not exceed 200 mA. The current consump-tion of conected IEC 62386 compatible data bus-devices refer to the appropriate data sheets from the manufacturers.

Technical Data:

Dimensions:	5TE á 17,5 mm, 87,5x90x58 mm
Weight:	ca. 140 g (.31 lbs)
Ambient temperature:	0 … +40°C (32 … 104°F)
Ambient humidity:	0-80% non-condensing
Interface:	USB interface
Mounting:	on 35 mm (1.38 in) DIN rail according to EN 50022
Outputs:	2xIEC 62386 compatible data bus (1024 channels)
IEC 62386 compatible data bus power supply:	Imax: 200 mA (2x)
Relays output:	potential free switching contact max switching voltage: 30 V
Input voltage:	24 VDC / 630 mA (±10 %)
Housing material:	PC hardly inflammable
Protection:	IP20
Certification:	CE
EMC according to:	EN55015, EN 61000-3-2

For system manual / user guide and software downloads see :
www.intelligentlighting.de