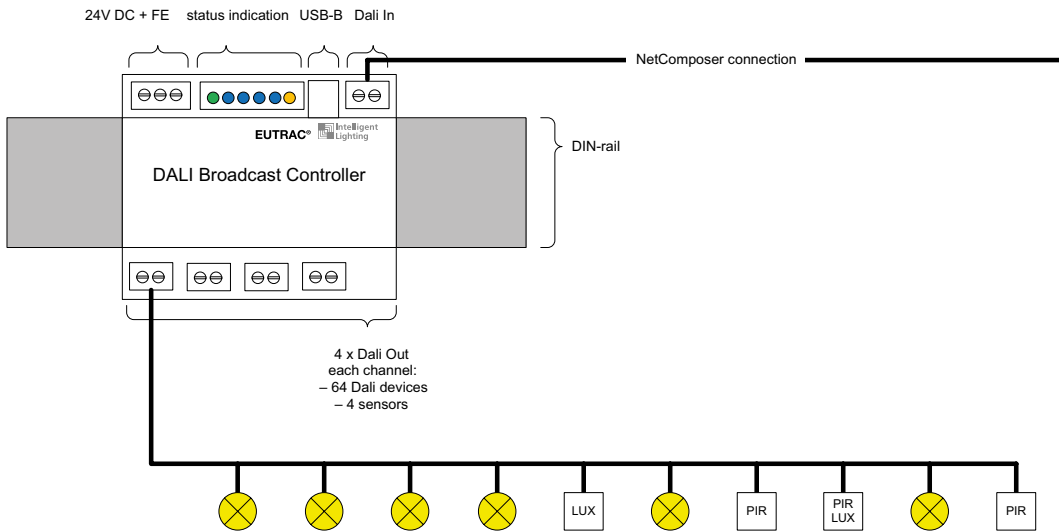




DALI Broadcast Controller

optimized and most efficient lighting
for shop floor and warehouse



The new DALI Broadcast Controller DBC allows an easy and efficient method of implementing energy-optimized shop floor lighting systems. DALI Light fixtures in large contiguous areas can now easily be addressed by broadcast commands instead of conventional single device-addressing.

The DBC offers 4 DALI output channels with up to 64 DALI devices each and occupies only four DALI addresses of the DALI-network at the NetComposer. This results in reduction of the required lighting control components and substantial simplification of the setup. Several DBCs can be operated in one DALI-network at the NetComposer. Each of the 4 DBC channels allows a current consumption of up to 250mA.

For optimal lighting control up to 4 daylight and/or motion sensors can be installed per DBC channel. The installed sensors are connected through the DBC directly to the DALI – network, each sensor occupies a separated DALI address at the NetComposer. With the information provided by the sensors, daylight and presence depending shop floor illumination is achieved. This will assure energetically optimized power consumption for the total building.

Power supply

Supply voltage
DALI in current consumption

24VDC / 1,1 A
2 mA

Input

Protocol
USB-interface

DALI
For Update and DALI-troubleshooting

Output

DALI
Max. service per channel
Sensor

4 channels each 250mA
64 DALI-devices
Max. 4 per channel

Operating condition

Ambient temperature
Relative humidity
Storage temperature

0 °C bis + 40 °C
Max. 90%, non-condensing
– 10 °C to + 70 °C

Conformity and Standards

EMC emission
EMC immunity
Safety
Environmental

EN 61000-6-3
EN 61547
EN 60950-1
Complies with WEEE and
RoHS directives
EN 62386

DALI

Mechanical Data

IP-rating
Mounting
Dimension

IP 00 (for installation in
enclosures only)
DIN-rail mounting
5 MW à 17,5 mm, 87,5x90x58 mm

DALI Broadcast Controller DBC

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