

# DEL-SYS DL-230

DALI lighting controller

Product data sheet



## DESCRIPTION

DALI ballast management for appropriate and economical lighting of work areas.

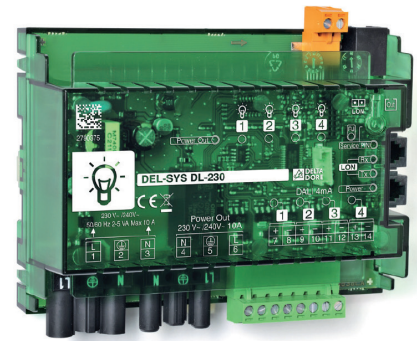
The controller controls up to 12 lighting circuits (with extensions). It switches on lighting in response to motion and adjusts brightness according to ambient brightness levels.

## APPLICATIONS

Interconnected to all elements in our general range, the DEL-SYS lighting controller develops effective functionalities to meet the most effective energy standards (EN 15232) while achieving maximum comfort.

- > 4 automatically controlled lighting groups (1st day, 2nd day, etc.) or manual input via the remote control
- > Different day/night off timers
- > Adjustment of the maximum ballast power to prevent dazzle
- > Control of the number of ballast switching operations. (Extended life)
- > Intelligent coupling with multi sensors (motion detection, brightness measurement, etc.)
- > Sensitivity of the multi-sensors adjustable from the BMS (see multi-sensor data sheet)
- > Tube fault information and ballast communication status

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|--|------------------------|
| ✓ Combined management in the workspace | ✓ Electricity metering |
| ✓ Optimisation of the life of ballasts | ✓ Eco-behavior         |



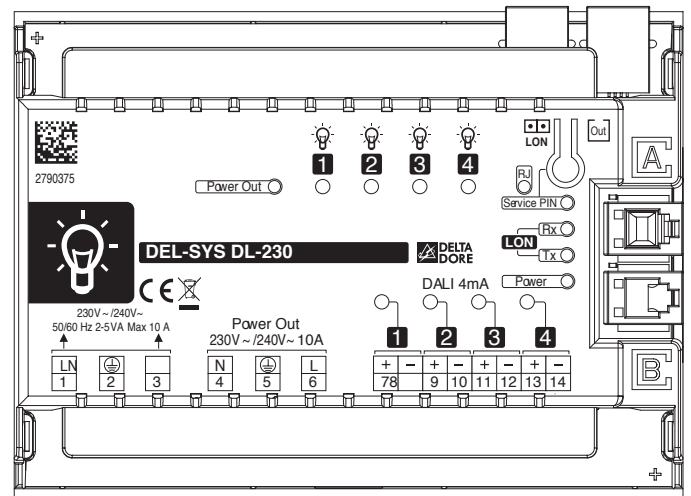
## THE + OF DELTA DORE

- + Improved performance**
  - > Optimum coupling with the BMS for A+ energy intelligence functions
  - > Supply and cutting of power by the controller
  - > Visual comfort with dimming and no sudden changes to lighting
- + Wiring**
  - > Quick wiring using RJ9 connectors
  - > Wiring made easier with the use of dedicated screen printing
  - > Simplified maintenance with the use of removable connectors
- + Optimisation of costs and modularity**
  - > Extensions to manage more lighting (combination of on/off, 0-10V and DALI controllers)
  - > Optimisation of cable lengths
- + Simplified installation/maintenance**
  - > No DALI addressing necessary
  - > Addition and changing of ballasts with remote access on the network
  - > Autonomous self-checking via the standard remote control before bus connection and prior to commissioning:
    - functional test of each unit in lighting circuits
    - localisation of resources (lighting and sensors)
- + Eco-design**

The DEL-SYS range is the result of an eco-design approach and has a low consumption

## TECHNICAL FEATURES

Supply	230V AC, 50/60 Hz Wieland GST 18/3 3-pin male connector
Outputs	4 DALI outputs Maximum number of ballasts per output : please contact us.
Power outputs	Wieland GST 18i/5. female connectors (10A)
Communication port	2 RJ9 ports, 1 RJ12 port
Processor	Neuron FT5000
Operating temperature	0 to 40°C
Protection	IP20
Insulation	Class I
Fire classification	V2
Dimensions	140 x 102 x 52 mm



## PERIPHERALS

REFERENCE	NAME
DMS-10	IR + brightness multi-sensors
DMS-20	IR + brightness + motion multi-sensors
DRC-10	Infrared remote control
DRC-20	Push-button control

## REFERENCE NUMBERS

REFERENCE	NAME
DL-230	4 DALI lighting circuits
DX-210	Extension, 4 on/off lighting circuits
DX-220	Extension, 4 0-10V lighting circuits
DX-230	Extension, 4 on/off lighting circuits

