

# DALI One Ten ZP module

delmatic.com

product ref: 201B1

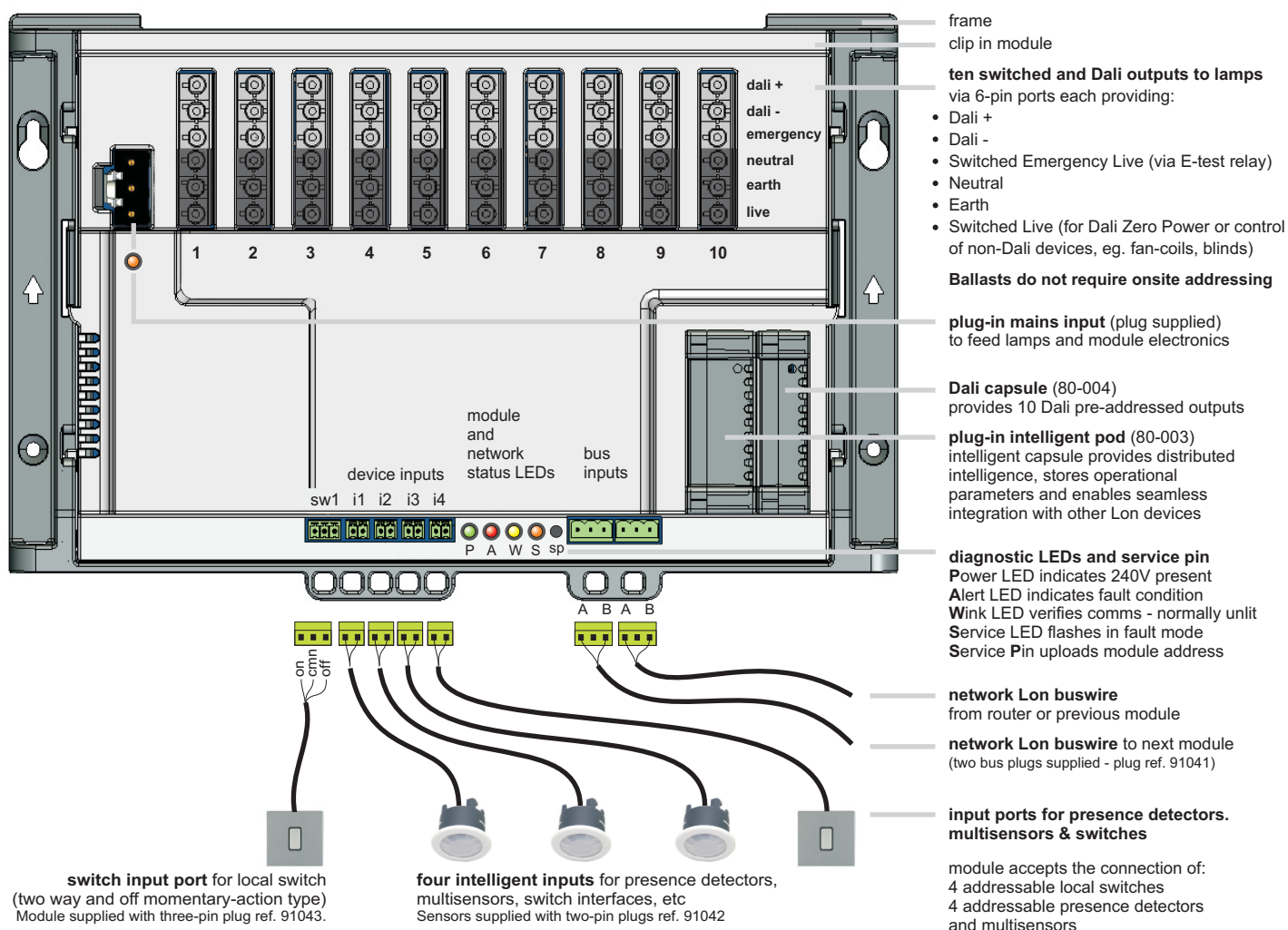
sheet 1/2

The module provides individual control and automatic addressing of ten DALI lamps and contains ten switching relays for DALI Zero Power and control of non-Dali devices including fan-coils and blinds.



- 10 individually addressed DALI outputs
- 10 individually addressed 230V switched outputs via relays
- individual DALI lamp and ballast failure monitoring
- individual DALI emergency light testing and monitoring
- energy-efficient Dali Zero Power avoids standby energy consumption
- total plug-in connectivity for speed and convenience
- 6-pin ports provide switched 230V & DALI pair to each lamp
- Dali without addressing feature avoids on-site addressing of ballasts
- reduces time and cost of commissioning and simplifies maintenance
- designed for single or two-fix installation via wall-mount or drop-rods

## module features



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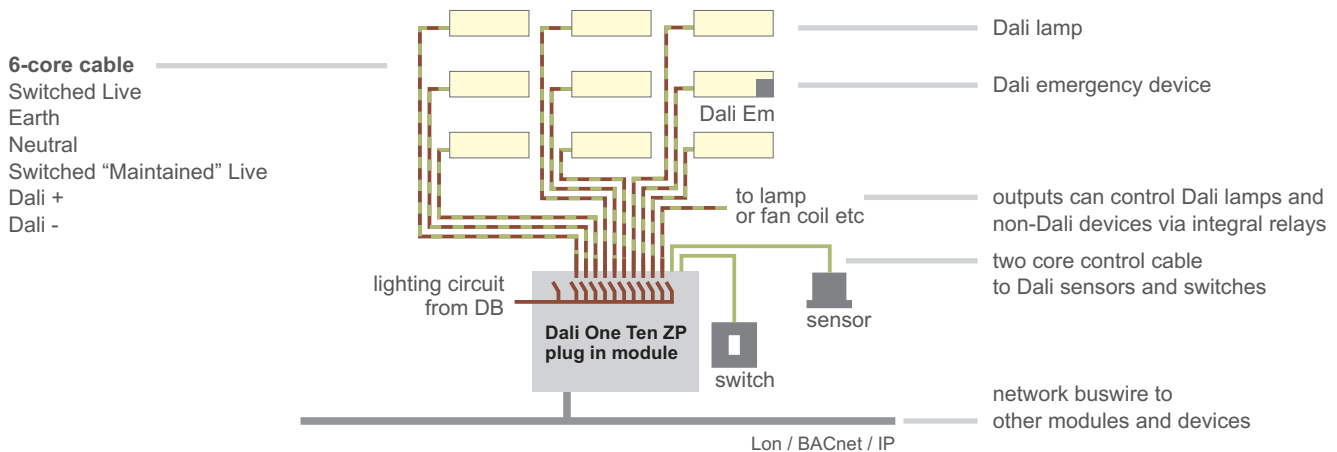
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## connection details



## technical details

### supply voltage

1 x 220-240V~ 50/60Hz single phase 10A lighting circuit protected by 10A MCB

### outputs

10 Dali outputs (ports are pre-addressed so ballasts do not require on-site addressing)

10 switched outputs (10A resistive, 3A inductive)

1 switched emergency test output for "maintained" live to all ports

### Dali monitoring

Module monitors individual lamp/ballast failure on each of the ten Dali outputs

Module monitors individual Dali emergency lamp/device on each of the ten Dali outputs

### local switch inputs

1 plug-in port (3-pin - sw1) for connection of conventional monetary action switch

4 plug-in ports (2-pin - i1-i4) for connection of Dali sensors & switches (max 1 sq.mm cable).

### network Lon bus inputs

2 plug-in ports for twisted pair Lon network bus connection.

### buswire specification

for latest buswire specifications refer to Buswire Specification data sheet

### diagnostic LEDs

Neon - shows 240v present.

Power LED - shows secondary power circuit operational.

Alert LED - indicates short on the sensor bus or issue with Communication card.

Wink LED - winks when instructed through software

Service LED - indicates fault mode.

### construction

flame-retardant low smoke moulded housing

### ambient temperature / relative humidity

0 to +50°C / 20% to 90% non condensing

### dimensions (mm)

345 w x 210 h x 55 d (excludes plugs) and 100 mm depth including capsule & plugs

## Lon specification



FT5000 Neuron and FTX3 transceiver conforms to LonMark 3.4 profiles:

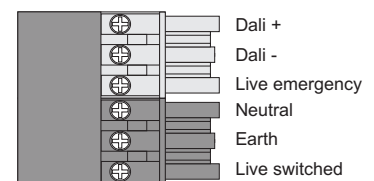
4 switch objects	# 3200
4 light sensor objects	# 1010
4 occupancy sensor objects	# 1060
12 open-loop actuator objects	# 0003
4 occupancy controller objects	# 3071
4 light controller objects	# 3050

## plug details

### output to lamps

6 pole connector without locking device  
Wieland ref: 34.362.0211.1

Switched Live, Earth, Neutral,  
Switched Emergency Live,  
Dali +, Dali -



### mains input to module (plug supplied)

3 pole female plug with locking device  
(Live, Earth, Neutral)

