

delmatic

sheet 1/2

- 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

frame

clip in module

ten switched and DALI outputs to lamps
via 6-pin ports each providing:

- DALI +
- DALI -
- Switched Emergency Live (via E-test relay)
- Neutral
- Earth
- Switched Live (for DALI Zero Power or control of non-DALI devices, eg. fan-coils, blinds)

Ballasts do not require onsite addressing

plug-in mains input (plug supplied)
to feed lamps and module electronics

DALI capsule (80-004)
provides 10 DALI pre-addressed outputs

plug-in intelligent pod (80-003)
intelligent capsule provides distributed intelligence, stores operational parameters and enables seamless integration with other Lon devices

diagnostic LEDs and service pin
Power LED indicates 240V present
Alert LED indicates fault condition
Wink LED verifies comms - normally unlit
Service LED flashes in fault mode
Service Pin uploads module address

network Lon buswire
from router or previous module

network Lon buswire to next module
(two bus plugs supplied - plug ref. 91041)

input ports for presence detectors, multisensors & switches

module accepts the connection of:
4 addressable local switches
4 addressable presence detectors and multisensors

switch input port for local switch
(two way and off momentary-action type)
Module supplied with three-pin plug
ref. 91043.

four intelligent inputs for presence detectors, multisensors, switch interfaces, etc
Sensors supplied with two-pin plugs ref. 91042

device inputs
sw1 i1 i2 i3 i4

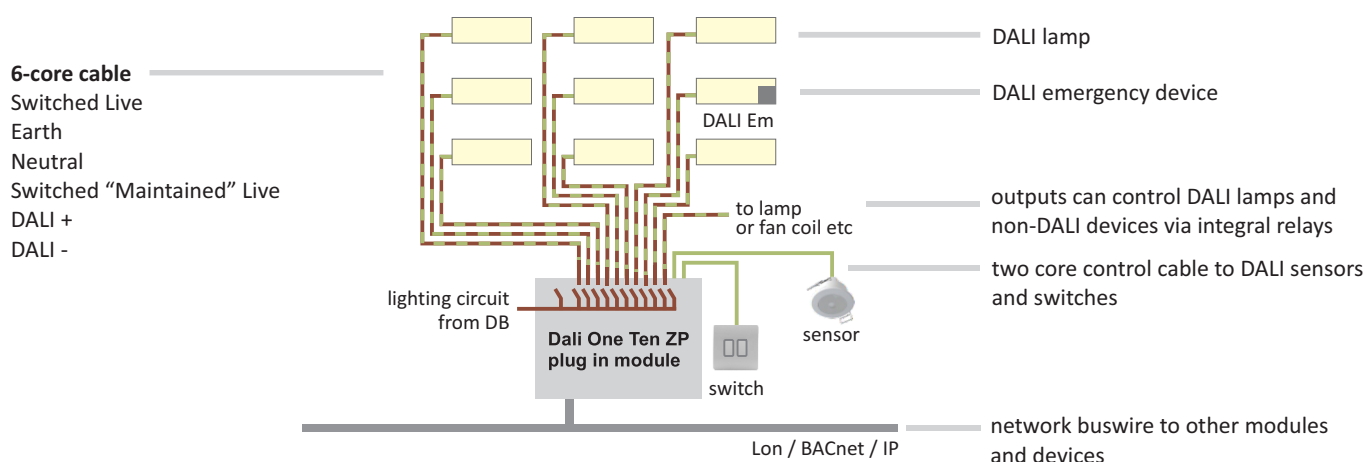
module and network status LEDs
P A W S sp

bus inputs
A B A B

dali +
dali -
emergency
neutral
earth
live

1 2 3 4 5 6 7 8 9 10

connection details



technical details

supply voltage

1 x 220-240~ 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/ballasts failure on each of the ten DALI outputs
Module monitors individual DALI emergency lamp/driver 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 and 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 specification refer to Buswire Specification data sheet

diagnostic LEDs

Neon - shows 240v present
Power LED - show secondary power circuit operational.
Alert LED - indicates short on the sensor bus or issue with Communication card
Wink LED - winks when instruction 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:

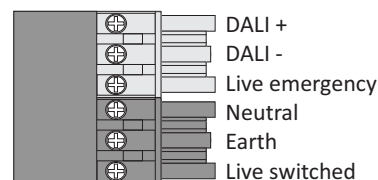
4 switch objects	# 3200
4 light sensor objects	# 1010
4 occupancy sensor objects	# 1060
12 open-loop actuator objects	# 0003
4 occupancy controller objects	# 3071
4 light controller objects	# 3050

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)

