delmatic

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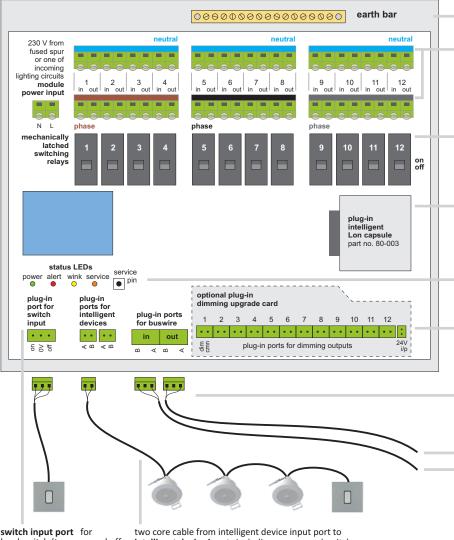
product ref: 202A1

The twelve twelve module provides flexible addressable control of single and three-phase lighting and power circuits.

- 12 individually addressed 20A switching outputs
- accepts up to twelve incoming circuits ٠
- equipped with twelve 20A switching relays to control lighting or power circuits •
- any relay may be configured to operate as an emergency test output ٠
- fascia override switches enable manual on/off override of each relay output •
- sensors and switches connect to a shared intelligent buswire cable ٠
- module comprises a fully-assembled unit comprising robust enclosure; • mother board with terminals for live, neutral & earth cables, bus & local switch connections; and plug-in intelligent pod
- accepts plug-in upgrade card for analogue 1-10V or digital Dali dimming



module features



local switch (two way and off momentary-action type) Module supplied with

intelligent device inputs including sensors and switches

robust, painted, galvanised steel enclosure with keyhole fixing for ease of mounting and quick-lock lid

mains termination zone for connection of incoming circuit Live & Neutral cables, and Neutral & Switched Live outputs to luminaires

twelve 20A mechanically-latched relays with on/off status indication and manual override - in the event of electronics failure relays maintain their last state and may be manually operated on and off from override switches accessible through the module lid

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

diagnostic/status 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

optional plug-in dimming card provides twelve analogue (type 80-007) or digital (type 80-006) dimming outputs: contains terminals for connection of two core output to luminaire dimming ballasts

bus terminals - plug-in terminals for connection of two core Lon bus (polarity insensitive) in from router or previous module and out to next module

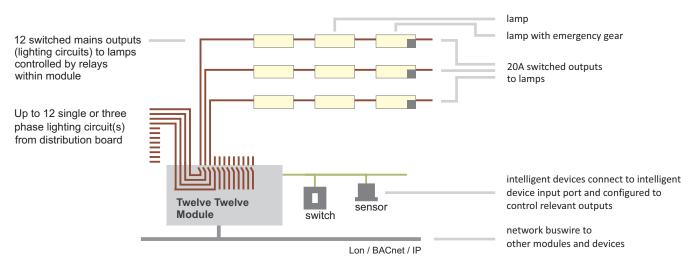
(two bus plugs supplied - plug ref. 91041)

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

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connection details



technical details

mains input

twelve 220-240V~50/60 Hz x 20 Amp single / three phase circuits: terminals accept 2 x 4 sq.mm cables

module power

module electronics powered from separate terminals: power may be taken from one of the incoming circuits

mains outputs

twelve 20A individually addressed switched outputs via mechanically latched relay with status indication & manual override: loading per circuit 20A. terminals accept 2 x 4 sq.mm cables

local switch inputs

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

1 plug-in port (2-pin) for connection of intelligent devices including 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 and cable lengths refer to Buswire Specification data sheet.

diagnostic LEDs

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 painted galvanised steel enclosure finished RAL 7035

ambient temperature / relative humidity 0 to $+50^{\circ}$ C / 20% to 90% non condensing

dimensions (mm) 330 w x 380 h x 70 d

weight 4.4 kg

Lon specification



FT5000 Neuron and FTX3 transceiver conforms to LonMark 3.4 profiles:

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