Models:
GENII DOM Digital Output Module

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Digital Output Module

Overview
The Innotech GENII DOM Digital Output Module is an expansion device for the GENESIS II Digital Controller.

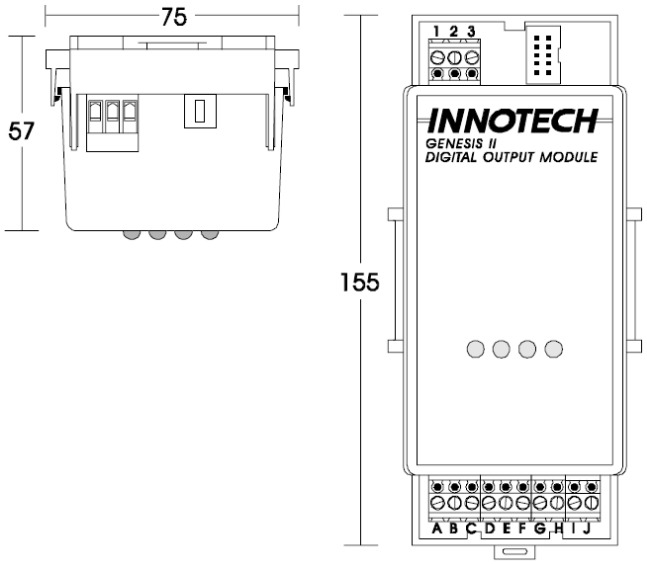
The GENII DOM is designed to be located adjacent to the GENESIS II Digital Controller and provides four additional digital outputs.

Features
- Four relay outputs
- LED indication of relay status
- Ribbon connection for Comms between the GENESIS II Digital Controller and the GENII DOM
- Up to 8 expansion devices per GENESIS II Digital Controller
- Program resides on the GENESIS II Digital Controller
- GENESIS II Digital Controller annunciates loss of COMMS through its internal speaker
- Housed in a low profile din rail mounted enclosure
- JUMPER selectable Address Number
- Outputs are software configurable for normally energised or normally de-energised operation (e.g. fail safe)

Application Notes
One GENESIS II Digital Controller can have up to 8 Local Expansion Modules (LEMs) connected to it.

The 8 LEMs can be made up of any mix of the 3 available types:
- GENII AIM - Analogue Input Module
- GENII DIM - Digital Input Module
- GENII DOM - Digital Output Module

Each expansion module provides 4 extra points providing a maximum of 32 extra points.



Applications
Expands GENESIS II Digital Controller digital input capability.

Approvals
The GENII DOM conforms to EMC requirements EN55011 (CISPR11) for RCM labelling.

Specifications

Power Supply

Voltage: 24 Volts ± 10 % @ 50/60 Hz
Power Consumption: 3VA Max

Outputs

One SPDT voltage free contact per stage. 240V / 2 Amp Max.

Terminal Identification

1	24VAC Supply
2	0VAC
3	No Connection

The GENII DOM MUST be powered from the same transformer as the GENESIS II Digital Controller. The operating voltage must meet the requirements of Safety Extra Low Voltage (SELV) to EN60730.

A	Normally Open Relay 1
B	Normally Closed Relay 1
C	Common Relay 1 & 2
D	Normally Open Relay 2
E	Normally Closed Relay 2
F	Normally Open Relay 3
G	Normally Closed Relay 3
H	Common Relay 3 & 4
I	Normally Open Relay 4
J	Normally Closed Relay 4

COMMS Connection

10 pin keyed plug for GENII LEM Cable (Not included).

Temperature Ratings

Storage 0 to 50°C non-condensing.
Operating 0 to 40°C non-condensing.

Enclosure

The GENII Local Expansion Modules are housed in rectangular cases made from flame resistant Astrene M650 IR plastic in accordance with IEC695-2-1 (HD444- 2-1) as of EN6335-1, A2 and IEC707 (AS/NZS2420).
Colour: Grey
Mounting: DIN Rail

Installation

- The GENII DOM should be located as close as possible to its host GENESIS II Digital Controller.
- The GENII LEM Cable between the GENII DOM and the host GENESIS II Digital Controller should be run external of cable ducts.
- A maximum length of 300mm of GENII LEM cable is allowed between modules. The overall GENII LEM cable length must not exceed 1.5 metres.
- Mount the GENII DOM in a dry and clean location free of excess vibration.

Wiring

- DO NOT connect 240VAC to terminals 1 & 2.
- Ensure that the GENII LEM Cable plug is inserted into the keyed socket in the correct orientation.

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