

## Models:

ILS4007: 7 Inputs  
ILS4014: 14 Inputs

## ILS40xx

### Low Signal Selectors

## Specifications

### Power Supply

Voltage: 24VAC  $\pm 10\%$  @ 50/60Hz  
Power Consumption: 3VA Max

### Input

- ILS4007 - Seven 0-10VDC
- ILS4014 - Fourteen 0-10VDC

### Outputs

- 0-10VDC Positive Control Output

### Terminal Identification

1 to 7	0-10VDC signal inputs.
8	0-10VDC control output.
9	Common and 0VAC supply.
10	24VAC supply.
11 to 17	Additional signal inputs on ILS4014.

### Temperature Ratings

- Storage: 0-50°C non-condensing
- Operating: 0-40°C non-condensing

### Enclosure

Manufactured from an ignition resistant grade of ABS which meets the requirements of AS2420.

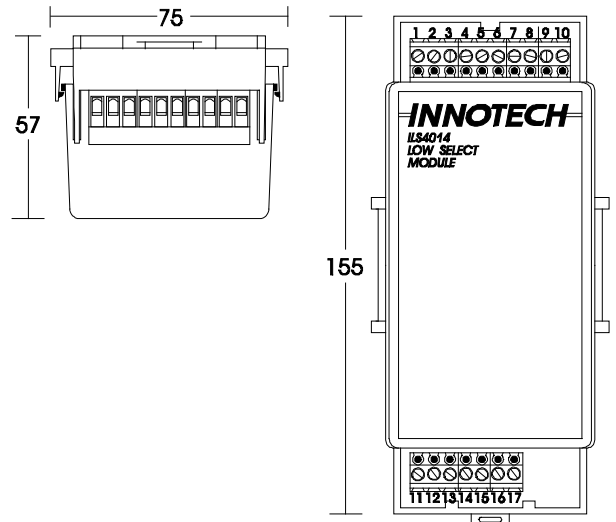
Colour: Grey  
Mounting: DIN rail mounted

### Installation

1. Mount controller in a dry and reasonably clean location free or excessive vibration.
2. Fit to DIN Rail.
3. Wire in accordance with INNOTECH connection diagrams and local bylaws or refer to your local distributor.

### Wiring

1. Earth one side of the 24VAC at the transformer.
2. Connect the EARTHED side of the 24VAC to terminal 9.
3. DO NOT connect 24VAC to terminals 1 through 8 and 11 through 17.



### Application

The INNOTECH low signal selectors accept up to 7 or 14, 0-10VDC inputs and produce an output which is equal in value to the lowest of the inputs.

### Features

- Interface to a wide range of devices with a 0-10V DC control signal
- No diode voltage drop between input and output
- The INNOTECH enclosure saves space and reduces installation time

### Operation

The ILS has been specifically designed to overcome voltage drop problems associated with circuits that use only diodes to select the lowest input voltage.

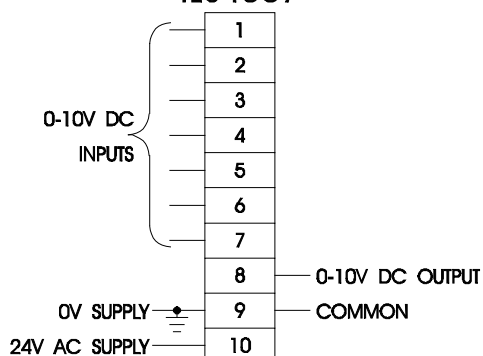
### Din Rail Mounted Enclosure

The INNOTECH enclosure is designed to provide tight positive locking to varying thicknesses of DIN rail. When fitting to thick DIN rail, it may be necessary to remove the packing tabs on the back of the base.

Lugs on each side of the base ensure that correct spacing is maintained between units on the same DIN rail.

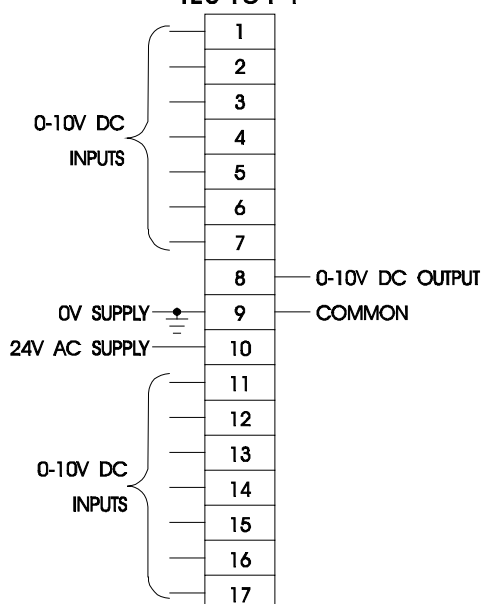
## STANDARD CONNECTION

### ILS4007



## STANDARD CONNECTION

### ILS4014



# **INNOTECH®**

Australian Owned, Designed & Manufactured  
by Mass Electronics Brisbane

**Phone:** +61 7 3421 9100 **Fax:** +61 7 3421 9101  
**Email:** [sales@innotech.com.au](mailto:sales@innotech.com.au) [www.innotech.com.au](http://www.innotech.com.au)

YOUR DISTRIBUTOR