



## For connection between JTL plant controllers and plant equipment

- Provides for up to 4 inputs
- Provides for up to 4 relay outputs
- Provides for up to 2 analogue outputs
- Provides for up to 4 temperature inputs
- Suitable for compressor and condenser interfacing.



### Product Data

- Product Features** The IF36 has 4 digital inputs. The function of each input is defined by the plant controller to which the IF36 is connected.
- Input source** The IF36 has four 15 Vac opto isolated inputs. The 15 V supply is generated inside the interface module.
- Analogue outputs** The IF36 has two 0-10 V analogue outputs. The function of these outputs is defined by the controller to which this interface is connected.
- Analogue inputs** The IF36 has four temperature sensor inputs suitable for use with JTL 5k thermistor sensors - TP501-70A
- Relay Outputs** The IF36 has 4 relay outputs with internal suppressors fitted. It is essential that the load is connected to the LD(x) output, otherwise the internal suppressors are ineffective.

## Hardware

|   |   |
|---|---|
| Volt free optically isolated inputs .....         | 4 |
| Analogue inputs (TP501-70A) .....                 | 4 |
| Relay outputs (single pole - normally open) ..... | 4 |
| Analogue outputs (0-10Vdc) .....                  | 2 |

## Technical Specification

|   |   |
|---|---|
| Communications port .....                   | RS485 2 wire                                    |
| Communications data rate (adjustable) ..... | 1200 - 19200 baud                               |
| Communications protocol .....               | JTL plant protocol,<br>Modbus ASCII, Modbus RTU |
| Unit dimensions (L x W x H) .....           | 105 x 120 x 79 mm                               |
| Unit weight .....                           | 0.31 kg   |
| Power supply (standard) .....               | 230 V 48-52 Hz                                  |
| (Optional) .....                            | 24 V  |

## Ordering Information

|               |               |
|---------------|---------------|
| IF36 .....    | 230 V supply. |
| IF36-24 ..... | 24 V supply.  |



This unit conforms with the relevant EU standards when fitted in accordance with its installation instructions.

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### JTL Systems Limited

|                                 |         |                               |
|---------------------------------|---------|-------------------------------|
| <b>Head Office</b>              | Newbury | <b>tel:</b> 44 (0)1635 263646 |
| <b>Technical Support Centre</b> | Newbury | <b>tel:</b> 44 (0)871 3157535 |
| <b>Monitoring Centre</b>        | Newbury | <b>tel:</b> 44 (0)871 3157531 |