

PLANT CONTROL INTERFACE UNITS IF36



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 in 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

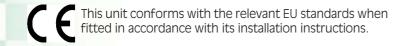
Communications port	RS485 2 wire
Communications data rate (adjustable)	1200 - 19200 baud
Communications protocol	JTL plant protocol,
	Modbus ASCII, Modbus RTU

Unit dimensions (L x W x H) 105 x 12	0 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.



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