The IF11 is a product which is used to replace the following obsolete JTL product:

IF1

The IF11 provides full functionality of the former product and includes some enhanced features.

Mechanical
The IF11 is physically able to replace the IF1 product without significant rework. The fixings are in the same place as the original IF1 fixings. The physical dimensions are the same as the IF1.

The rotary and configuration bitswitches have been removed in favour of electrical configuration using the JTL Maintenance Unit.

As the IF1 did not require a maintenance unit, care should be taken to allow sufficient access to the MU socket

Electrical
No rewiring is necessary when replacing the IF1 with the IF11. The connector identification has been changed, however the existing connections can be swapped directly (plugged in).

IF11 INPUT CONVERSION

CONNECTOR	IF11	IF1
SUPPLY	CON1	CON2
PLANT DATABUS	CON2	CON1
INPUTS	CON7	CON3
OUTPUTS	CON8	CON4

Maintenance Unit Connection
The MU connection on IF11 uses a 6 pin connector. It will be necessary to allow space for access to the socket. In the case where access is very restricted a short MU extension (CAB62) is available on request. Connection via CON6.

MAINTENANCE UNIT CONNECTION	IF11	IF1
	CON5/6	None

Documentation
Full documentation exists for the IF11 but if this is not available the IF1 documents may be used in conjunction with this information.

Interface Configuration
To ensure compatibility when replacing the original part with an IF11, action a factory default setting procedure (Item 9) before setting in the new data.

Item 30 value is the equivalent of the rotary switch setting (SW1). Eg, if the part to be replaced had the rotary switch set to 3, Item 30 on the IF11 should be set to 3.

Item 31 value is the equivalent of SW2 setting. See the table below for conversion.

FUNCTION	ITEM 31 (IF11)	SW2 (IF1) X = Don't care O = Open C = Closed
COMPRESSOR CONTROL	3	X C O O
CONDENSER CONTROL	4	X O C C

NB: in certain cases wire links may be fitted in place of SW2. In this situation "no link" corresponds to switch "open" and "link fitted" corresponds to switch "closed".

To take advantage of enhanced features for compressor control, see IF11 User Guide.

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