The EPLT is a spare parts kit which is used to replace the following obsolete JTL product as a spare part:

CPLT

The EPLT provides full functionality of the former product.

Mechanical
The EPLT is physically able to replace the CPLT product without significant rework when the original CPLT is installed in a JTL enclosure. The outer fixings are in the same place as the original CPLT fixings. The inner 4 fixings should be removed from the JTL enclosure prior to fitting the new EPLT.

Where the original product is not fitted in a JTL enclosure there is no guarantee that the existing fixings will be in the correct place.

Care should be taken when using an EPLT to replace the original unit to relocate fixings to suit the EPLT. A drilling template is provided for this purpose.

Electrical
No rewiring is necessary when replacing the obsolete part with the EPLT. The connector identification has been changed.

The existing connections can be swapped directly, taking care to preserve the pressure transducer order.

EPLT OUTPUT CONVERSION

FUNCTION	EPLT	CPLT
OUTPUT 1 (UNUSED)	LN1 NO1	LINE LOAD 1
OUTPUT 2 (WATCHDOG)	LN2 NO2	LINE LOAD 2

EPLT INPUT CONVERSION
Temperatures
No rewiring is necessary, sensor connections can be directly swapped (plugged in).

Pressures
No rewiring is necessary, transducers connections can be directly swapped.
NOTE: the order of the connectors must be preserved.

PRESSURE	EPLT	CPLT
SATELLITE	CON11	CON6
DISCHARGE	CON12	CON7
HT	CON13	CON8
LT	CON14	CON9

INPUTS

INPUT	EPLT	CPLT
INPUT 1 (LOW LEVEL LIQUID)	IP1 IP1	I/P1 I/P1
INPUT 2 (AUTO)	IP2 IP2	I/P2 I/P2

NOTE : No rewiring is necessary.

EPLT Jnet Network Conversion
The EPLT & CPLT controllers are fitted with 3 pin din sockets for Jnet Network connection. Thus no rewiring is necessary.

Note, there are 2 connectors on the CPLT, either may have been used. On EPLT there is only 1.

	EPLT	CPLT
JNET NETWORK	CON5	CONNC or CONND

EPLT Display Connection
The display connection on the EPLT & CPLT uses a 7 pin connector. No rewiring is necessary.

	EPLT	CPLT
DISPLAY CONNECTION	CON7	CONNB

Maintenance Unit Connection
The MU connection on EPLT & CPLT uses a 6 pin connector. No rewiring is necessary

	EPLT	CPLT
MAINTENANCE UNIT CONNECTION	CON9	CONNA

Pack Communications
The JTL pack communications uses a 4 pin connector. No rewiring is necessary.

	EPLT	CPLT
PACK COMMUNICATIONS	CON6	CON5

Earth Connection
The earth connections to CON3 or CON4 should be cut off and (if fitted) **NOT** reconnected to the EPLT.

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

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