I/O Connectors

The I/O connectors to the chassis backplane are DIN 41612 type connectors, and are mounted in either a single or a double connector hood. The double connector hood enables Trusted^{TM} I/O Interfaces (of the same type) to be installed in a Companion Slot configuration in adjacent slots.

To install an I/O connector in the chassis backplane:

1. Ensure the correct connector and chassis backplane slot are selected

2. Ensure the associated chassis slot is not occupied by a module

3. Present the I/O connector to the chassis backplane slot, taking care to align the four lugs of the connector with the four cut-outs of the slot

4. Push the I/O connector in and upwards into the slot until the I/O connector latch engages with the chassis slot backplane-lip

5. Ensure that the I/O connector is secure in its chassis slot

Connection at the other end of the cable may be via a similar connection or via a flying lead – see the appropriate Product Descriptions for full details of I/O cable types.

Module Installation

Before initial module installation, ensure that the supply voltage levels have been checked and are within tolerance, and that the I/O connector and hood are correctly latched in place. Ensure that an anti-static wrist strap is worn and that it is suitably earthed.

To install the module:

1. Insert the release key to disengage the ejector levers.

2. Move the upper and lower ejector levers in an upward and downward direction respectively to disengage the levers.

3. Holding the ejector levers, carefully insert the module into its chassis slot (the modules are self-aligning);

4. Push the module fully home;

5. Press the ejector levers to the housed position until they click onto the ejector lever retaining clip, This ensures that the module is correctly secured.

Trusted^{TM} Shields

Trusted^{TM} Shields are fitted with baffle plates designed to assist and direct the flow of air through the chassis where module slots are unoccupied.

All unoccupied module slots **MUST** be fitted with Trusted^{TM} Shields detailed as follows:

1. T8191 – Single-width slots.

2. T8193 – Triple-width slots.