



## General information

Notice that all I/O address switches are of a turning knob type, and is set with a small screwdriver. All turning knob switches has 16 positions (zero to F (Hex)). All other DIP switches are jumpers. All DIP switches are placed in a way that it is necessary to remove the board from the rack to operate them. Before removing any board disconnect the supply to the PSM-1 module and if the board is supplied separately remove this supply too.

### **Before handling the boards there is a few, but important instructions.**

Throughout the whole process of manufacture and test the products have been kept in static shielding bags, and all personnel handling the products have been protected against static electricity and the subsequent ESD (electrostatic discharge).

Consequently we ask you to observe certain rules when handling our products - otherwise our efforts may be wasted:

- Be sure to carry a connection to earth when handling our PCBs. If the correct equipment (bracelet, IC tongs) is not available, you must improvise. You may e.g. place a wire from which the insulation has been removed under your watch and connect this to earth via a heavy resistor (1 M $\Omega$ ).

As regards finding a place to use as earth connection, it should be possible to use the rack frame or the cabinet.

- Note that the limit for registration of static electricity for a human being is considerably higher than the limit above which electronics and electronic components are damaged.

## ***BE AWARE OF STATIC ELECTRICITY WHEN HANDLING !***

### **When handling the boards there are a few, but important instructions.**

In order to ensure the best possible service for our customers, and according to the requirements stated in the ISO9001, DEIF A/S keeps track of all vital parts in a DELOMATIC installation.

By this we are able to keep records updated on exactly hardware- and software-versions operating in a specific installation.

During the final test performed by DEIF A/S before the goods are leaving for use at customers premises, a form is filled in with all relevant data:

#### General data:

- Project no. (which is unique)
- Order no. (which is unique)
- DGU no. (a unique no. is given every single DGU in an application - that is, if an application includes more than one DGU, they will be designated DGU1, DGU2 etc.)
- Date and initials for the test
- Version of tested software

#### Specific data:

- Stock no. for every module included in the specific application
- Hardware-version
- Module-designation (i.e. IPM-1)
- No. of modules (if more than one module of that specific type is included in one DGU)
- PO-no (Production Order no, which is unique for every single module)
- Versions of software used in specific modules

Version of the application-specific software is recorded separately.



Whenever a problem may occur and a customer calls DEIF A/S for assistance, we immediately know the exact hard- and software-combination included in that specific installation. We even know in what DGU a specific module is incorporated.

If it should happen, that we experiences general problems in either specific combinations of hard- and software, or in specific single modules, or types of applications in general, we are able to trace what installations may be affected, and by that perform the right decisions.

In order to keep these records valid, it is of vital importance, that our customers respects the following guidelines:

- ★ Please do not switch over modules from one DGU to another before consulting the documentation provided by DEIF A/S, and preferably consulting DEIF A/S.
- ★ Please give us a hint if You by any means do switch modules permanently, this will keep our records updated. Call or fax DEIF A/S, Att: Service Dept.:

**Tel. + 45 96 14 96 14      Fax: +45 96 14 96 15**

- ★ When modules are replaced due to updating or due to any malfunctions, please let us know the exact location of new modules.