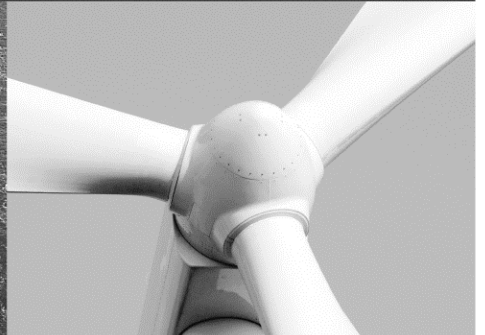
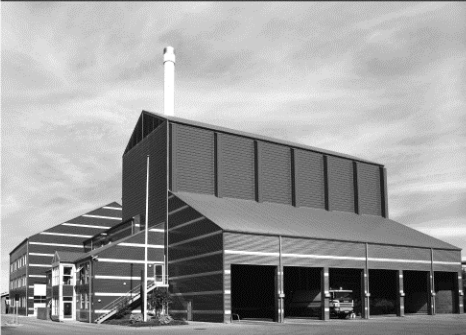




-power in control



Delomatic 4 DM-4 Land/DM-4 Marine



Replacement Instructions General



DEIF A/S · Frisenborgvej 33 · DK-7800 Skive
Tel.: +45 9614 9614 · Fax: +45 9614 9615
info@deif.com · www.deif.com

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1. General Instruction

Notice that all I/O address switches are of a turning knob type and are set with a small screwdriver. All turning knob switches have 16 positions (zero to F (Hex)). All other DIP switches are jumpers. All DIP switches are placed so that it is necessary to remove the board from the rack to operate them. Before removing any boards, disconnect the supply to the PCM 4.X module, and if the board is supplied separately, remove this supply, too.

Before handling the boards there are a few, but important instructions that must be observed:

Throughout the whole process of manufacturing and testing, 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 an open wire under your watch and connect this to earth via a heavy resistor (1 M Ω).

As to 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 that must be observed:

In order to ensure the best possible service for our customers, and according to the requirements of ISO9001, DEIF A/S keeps track of all vital parts in a Delomatic installation. In this way, we are able to keep our records updated on the exact hardware and software versions operating in a specific installation.

During the final test performed by DEIF A/S, before the goods are shipped to the customer's 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 number 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. IOM-1)

- No. of modules (if more than one module of that specific type is included in one DGU)
- PO no. (Production Orders 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 hardware and software combination included in that specific installation. We even know in which DGU a specific module is incorporated.

If it should happen that we experience general problems in either specific combinations of hardware and software or in specific single modules or types of applications in general, we are able to trace what installations may be affected and in that way make the right decisions.

In order to keep these records valid, it is of vital importance that our customers observe 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 let us know if you do switch modules permanently, this will help us keep our records updated. Call us or send a fax to DEIF A/S, for the attention of the service department:

Tel.: + 45 9614 9614 Fax: +45 9614 9615

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

DEIF A/S reserves the right to change any of the above.