



## Isotherm ASU Electronic unit SEG00008DA

Red additional ASU electronic unit for Danfoss BD35F and BD50F 12/24 volt compressors.  
For Isotherm Cruise ASU and Grey-Line ASU refrigerators, ASU build-in units type 3201, 3701, 3251SP, 3751SP, 4201 Magnum, 4701 Magnum, 5301 Magnum twin and 5801 Magnum Twin.

### Dip Switches

There are six DIP switches mounted on the PC-board inside the electronic unit, they shall be set as listed below. This is the "standard setting".

Cruise 49 / Grey Line 1493, 1503  
Cruise 65, 85 / Grey Line 1653, 1853  
Cruise 100, 130 / Grey Line 1103, 1203

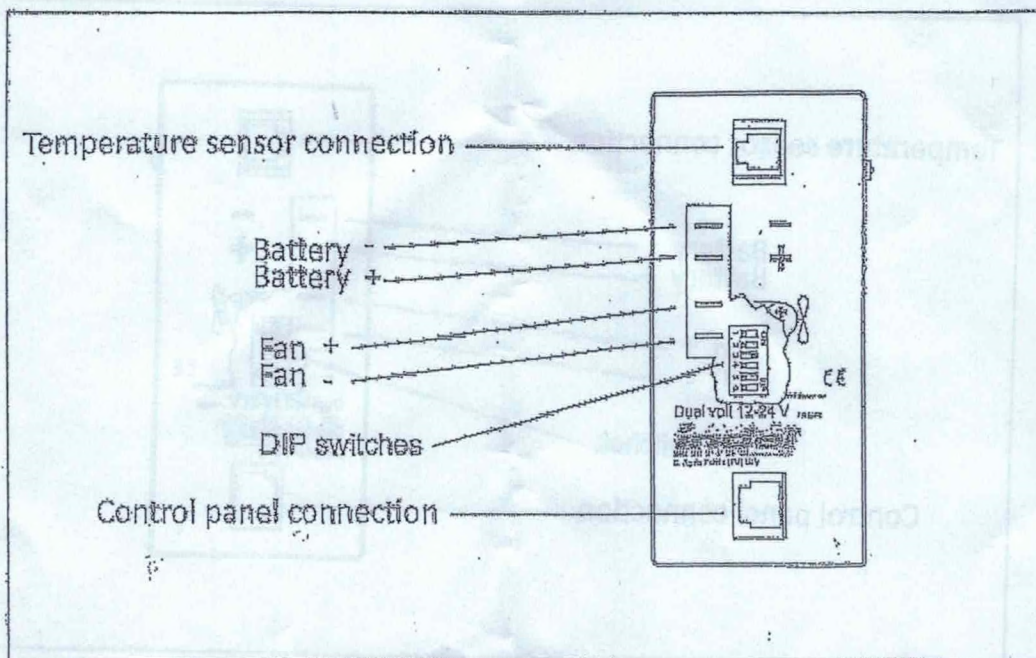
Only DIP nr. 2 on  
Only DIP nr. 3 on  
Only DIP nr. 3 on

Isotherm ASU 3201, 3701, 3251SP, 3751SP  
Isotherm ASU 4201 Magnum, 4701 Magnum,  
5301 Magnum Twin e 5801 Magnum Twin

Only DIP nr. 3 e 6 on  
Only DIP nr. 5 e 6 on

The working temperature range can be changed by means of the DIP switches. Temperature range can be moved up (warmer) 2°C/3.5°F by switching off no. 3 and switching on no. 2.  
Temperature range can be moved down (colder) 3°C/5°F by switching off no. 3 and switching on no. 4.  
Units working as freezer have DIP-switch no. 5 on, for a temperature range 11°C/19°F colder (lower) than nominal.

Water cooled Magnum units have also DIP no. 6 on, for water pump power supply to the voltage reducer.  
The fan power output is maximum 1.5 A and has a variable reduced voltage for the fan power supply.  
When DIP switch no.6 is on, the power output (volt) is at a constant level.  
See the figure below.







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### Dip Switches

There are six DIP switches mounted on the PC-board inside the electronic unit, they shall be set as listed below. This is the "standard setting".

Cruise 49 / Grey Line 1493, 1503	Only DIP nr. 2 on
Cruise 65, 85 / Grey Line 1653, 1853	Only DIP nr. 3 on
Cruise 100, 130 / Grey Line 1103, 1203	Only DIP nr. 3 on

Isotherm ASU 3201, 3701, 3251SP, 3751SP	Only DIP nr. 3 e 6 on
Isotherm ASU 4201 Magnum, 4701 Magnum, 5301 Magnum Twin e 5801 Magnum Twin	Only DIP nr. 5 e 6 on

The working temperature range can be changed by means of the DIP switches. Temperature range can be moved up (warmer) 2°C/3.5°F by switching off no. 3 and switching on no. 2. Temperature range can be moved down (colder) 3°C/5°F by switching off no. 3 and switching on no. 4. Units working as freezer have DIP-switch no. 5 on, for a temperature range 11°C/19°F colder (lower) than nominal.

Water cooled Magnum units have also DIP no. 6 on, for water pump power supply to the voltage reducer. The fan power output is maximum 1.5 A and has a variable reduced voltage for the fan power supply. When DIP switch no.6 is on, the power output (volt) is at a constant level. See the figure below.

