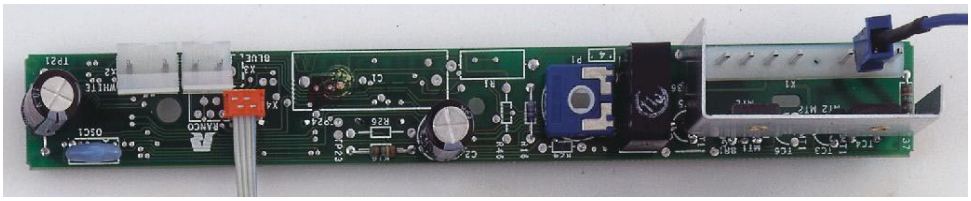
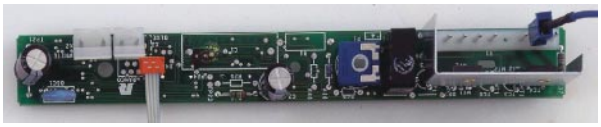
E73 - Electronic Control



E73 - CONTROL FOR FREEZERS



DESCRIPTION

The E73 electronic control is a flash- microprocessor operated temperature control specifically developed for no-frost freezer appliances with a remote evaporator, air circulating fan and heater assisted defrost.
The E73's unique adaptive defrost software significantly reduces energy consumption by intelligent control of the fan and by adapting to changing ice conditions.
In its standard execution, the E73 integrates the thermostat function, adaptive defrost timer, operating lamp, fast-freeze selector/indicator and a temperature alarm lamp onto one compact PCB.
This integration of functions together with intelligent built-in test features reduces assembly and test time for the OEM leading to system cost savings.

STANDARD FEATURES

- Temperature control of freezer compartment
- Automatic Fast-Freeze
- Over-temperature alarm
- Indicator lamps : - green on/off
  - yellow fast freeze
  - red alarm
- Energy saving adaptive defrost function
- Compressor start delay
- Built-in test routine
- Sensor fault recognition and indication.

DESIGN FEATURES

- Integration of functions and indicators in one compact control
- Simple installation in the top panel of the appliance, with optional plastic housing and customer specific graphics available
- Option for connection to remote digital temperature display (EP4)
- Designed for use with Invensys L66 Temperature Sensors.
- Complies with EN 60335, EN 60730 and the EMC directives ; EN55014, EN55014-2.

SPECIFICATION

- Supply voltage range: 220 V~/-10% - 240 V~/-+6%
- Frequency: 50Hz
- Self consumption: < 1,5 W
- Operating temperature: -10 °C to 55 °C
- Storage temperature: -30 °C to 75 °C.

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Invensys Appliance and Climate Control Systems Europe

HEADQUARTERS

Europa 3 - Parc d'Affaires International
74160 Archamps
FRANCE
tel. 0033.(0)450.820.813
fax. 0033.(0)450.820.831

PRODUCTION PLANT

Siebe Appliance Controls GmbH
Heerwasenstraße 25
D 78559 Gosheim - Baden-Württermberg
GERMANY
tel. 0049.(0)7426.6020
fax. 0049.(0)7426.602212

http:\\www.appliance-eu.invensys.com

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