



Refrigeration Controllers with Defrost



LCD15
77x35x84 mm

All purpose defrost unit

LCD15 Series

Function		BS3E	BS3E-A	BS3E-B	CS3E	CS3E-A	CS3E-B
Inputs	thermostat	✓	✓	✓	✓	✓	✓
	evaporator	✓	✓	✓	✓	✓	✓
	auxiliary				✓	✓	✓
	door switch	✓	✓	✓	✓	✓	✓
Outputs	thermostat	✓	✓	✓	✓	✓	✓
	defrost	✓	✓	✓	✓	✓	✓
	evaporator fans	✓	✓	✓	✓	✓	✓
Options	TTL serial port		✓			✓	
	RS485 serial port			✓			✓

Models with removable terminal blocks are also available.

All models come with alarm buzzer.

Versions with 110Vac are also available. In this case, the code changes in, for ex., LCD15CS3U-B, where "U" means 110Vac.

Versions with 12V supply are also available. In this case, the code changes in, for ex., LCD15CS3D, where "D" means 12Vac/dc.

On request the LCD15 is also available with gasket for a better protection between bezel and metal panel.

In order to know versions available, please consult LAE or our local dealer.

Main Features

- Panel thermostat for High and Low Temperature
- **FLEXICOLD** self-learning refrigeration control
- Runs on mains power supply
- Evaporator fan control
- Electrical, hot gas or off cycle defrost
- Alarm on buzzer
- Door open, high/low temperature, HP alarms
- Condenser clean warning
- HACCP functions
- On/Off button
- Quick setup through ZOT device
- Connection to LAE supervisory systems TAB.

Applications

freestanding upright cabinets, cold stores, refrigerated plug-in display cases and counters, control panels.

Technical Data

Control Range:	-40.0÷40.0°C
Resolution:	0.1 / 1°C; °C / °F
Accuracy:	<±0.2°C (-30.0÷30.0°C)
Type of sensor:	NTC mod. standard SN2K20P1/P2/P3
Power supply:	230Vac ±10%; 50/60Hz; 3W
Front protection:	IP55
Panel cut-out:	71x29 mm
Ambient temperature:	-10÷50°C

