



Refrigeration Controllers with Defrost



BIT20

87x110x55 mm

Split defrost controller for high and low-temperature refrigerators

BIT20 Series

Functions		B11E	B22E	C11E
Inputs	thermostat	✓	✓	✓
	evaporator		✓	
Outputs	thermostat	✓	✓	✓
	defrost		✓	
	evaporator fans		✓	
Features	dipswitches			✓
	remote unit	✓	✓	

Main Features

- Electronic alternative to electro-mechanical systems
- For High and Low temperature
- Destined for the OEM market
- No need for contactors or external wiring
- Output to control the compressor directly
- Electrical, hot gas or off cycle defrost
- Evaporator fan stop during defrost
- Parameter setting through dipswitches and/or compact display unit
- Runs on mains power supply

Applications

Small or medium sized refrigerating counters, tables, glass door, upright cabinets.

Technical Data

Range:	-35 ÷ 25°C
Resolution:	1°C
Accuracy:	±0.6°C (-30 ÷ 10°C)
Sensor type:	NTC, standard mod. SN2K20P1/P2
Power supply:	230Vac ±10%; 50/60 Hz; 4W
Front protection:	IP30
Ambient temperature:	-10 ÷ 50°C

BIT12RU20: display unit

Size:	77x35x29 mm (WxHxD)
Panel cut-out:	71x29 mm
Front protection:	IP54
200cm Flat cable:	Included
Ambient temperature:	-10 ÷ 50°C

