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eliwell

EW – 090.87E

ENERGY FLEX UNIVERSAL CONTROLLER FOR AIR CONDITIONING UP TO 2 CIRCUITS

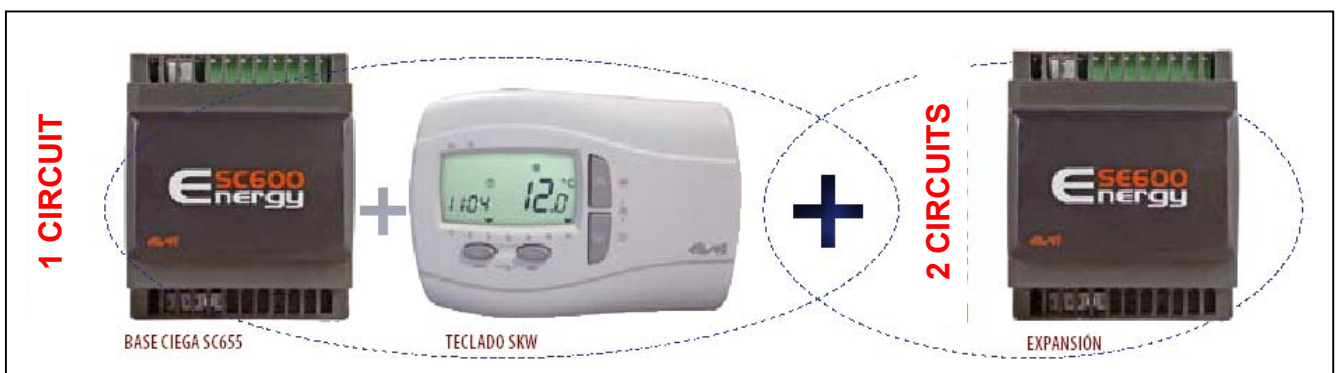


- "User interface with LCD **display** and **4 4DIGIT** configurable keys with LED
- "Visibility programming menu configurable in three levels accessible by password
- "Historical Record of the last **100 alarm events** with information on the type of alarm, date and time start date and end time, and alarm reset type (manual or automatic)
- "Connecting with multi-function Key to download or load the table of parameters, alarm history and firmware
- "Remote Keyboard EKW board probe (NTC, 4 ... 20mA, digital input) with maximum distance between driver and keyboard 100 mts
- »Management of scroll compressors and semi-hermetic / screw up 4 steps with balanced power hours of operation and ability to manage different power compressors
- "Proportional control of the fans of the external batteries and the recirculation pump
- "Control of up to two more resistance heating boiler or heat pump support
- »Management of anti-ice on heat pump operation and in a state of inactivity or resistance management pump operation
- "Automatic summer / winter operation
- "Automatic temperature according to outside temperature comfort
- »Compatible **modbus** and **Televis**

YOU CAN CHOOSE BETWEEN THREE DIFFERENT TYPES OF FORMAT: SB, SD AND SC.
THE 3 ARE THE SAME LOGIC CONTROL, JUST CHANGE THE FORMAT OF THE REGULATOR.

EXAMPLES OF APPLICATIONS.

AIR – AIR WATER – AIR GEOTHERMAL PROBE



AIR – WATER

COOLER

WATER – WATER

GEOTHERMAL PROBE

1 CIRCUIT

YOU CAN USE EITHER TWO DIFFERENT FORMATS KEYBOARD BASE



BASE SB655

IS USED ONE OR ANOTHER (NOT BOTH)

o bien



BASE SD655

+

2 CIRCUITS



EXPANSION

TECHNICAL DATA SB655C - SE655C SC655 AND EXPANSION

- "Format for SB655 32x74x80 / C and 4 DIN format SD655 / C, SC655 / C and SE655
- "Protection IP65
- »Food 12 ... 24Vac
- "Real-time clock, only the basic modules.
- "5 analog inputs AI1 ... AI5 configurable
NTC, 4 ... 20mA, 0 ... 1V, 0 ... 5V or 0 ... 10V
- "6 potential-free digital inputs (DI1 ... DI6)
- »5 digital outputs 2A 230Vac (DO1, DO2, DO3, DO4, DO6)
- "Open Collector 1 output for external relay DO5
- "5 analog outputs:
- 2 PWM output module or Open collector CF for external relays. AO1, AO2
- 3 Analog outputs (two of type 0 ... 10V and a type 4 ... 20mA)
- 1 TTL port for connection to MKF and monitoring system

TECHNICAL DATA KEYBOARD SKP 10

- "Format 32 x 74 x 30 mm
- "Attachment to panel
- "4-digit LED Display
- »Power: base module



TECHNICAL DATA KEYBOARD SKW 22L

- »Format 137 x 96.5 x 1.3 mm
- »Wall mounting
- »NTC temperature sensor on board + Input current / voltage configurable
- »Power supply 95 ... 240 Vac



DIAGRAM SD655 / SC655 / SE665

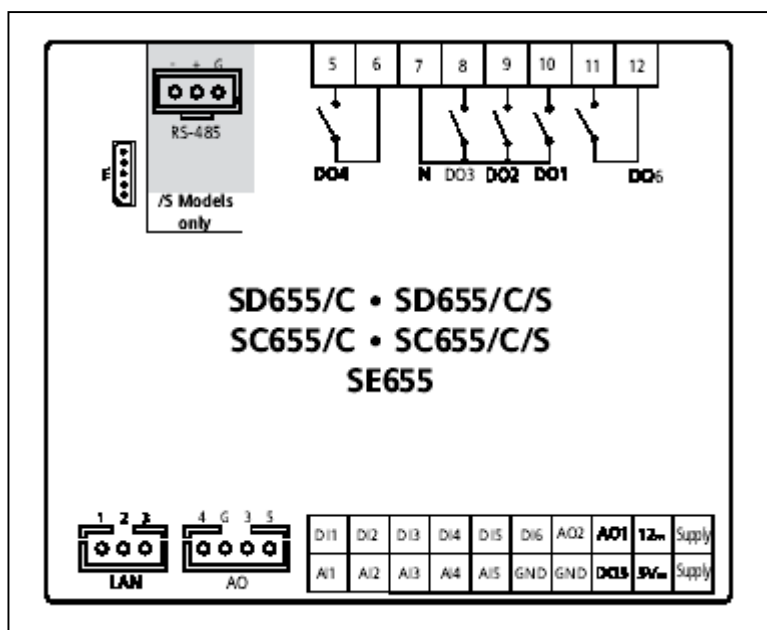
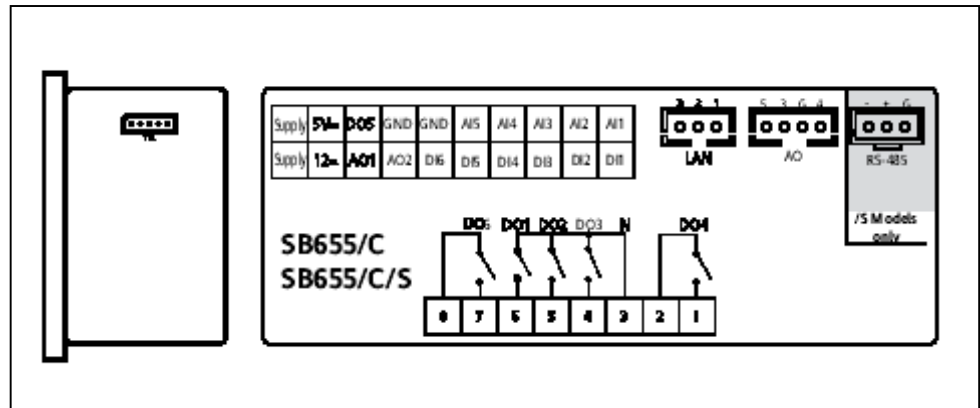


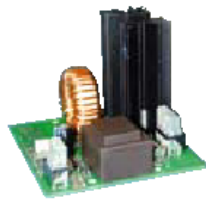
DIAGRAM SB655



ACCESSORIES



TRANSFORMERS



CF FANS MODULE



WIRING



MTK KEY PROGRAMMING



DM INTERFACE MOD.

MODELS	
BASES	SB655 / C
	SD655 / C
	SC655 / C
EXPANSIÓN MODULES	SE665
KEYBOARD	SKP 10
	SKW 22L Backlit
TRANSFORMERS	230 / 12V 5,6 VA
	230 / 12V 11VA
EXTERNAL RELAY	EXP211
CF MÓDULES	CF – 05 Power 500W
	CF – 15 Power 1500W
	CF – 22 Power 2200W
	CF - TANDEM
MULTIFUNTION KEY	Key to load parameters, alarms and historical firmware
CABLES	Connecting low voltage signals
	Connecting analog outputs
	Keyboard cable