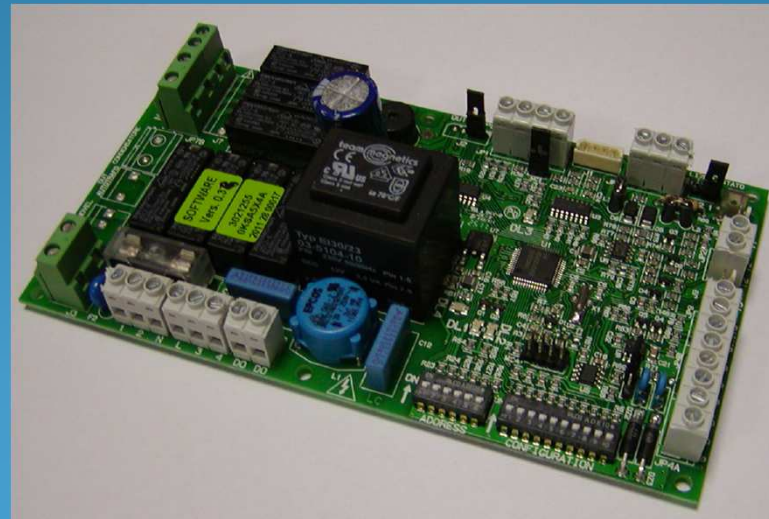


MB electronic control board



What is the board MB?

Electronic Cards with ModBus RTU
communication protocol

Available for :

fan coil with asynchronous motor

fan coil EC motor

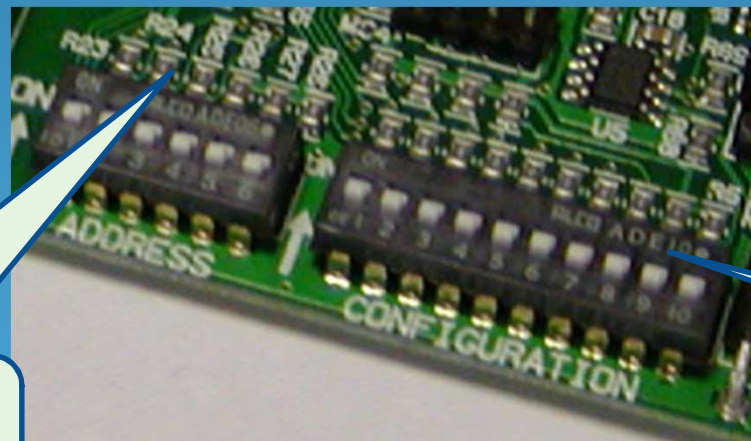
And many other units

Features

- ▶ The design has been carried out in Sabiana with the advantage of being able to always maintain the software and firmware
- ▶ Date ModBus RTU is among the most common protocols in networks supervision
- ▶ They can be placed in a network managed by a supervisory system that uses the ModBus RTU

dip switches

- ▶ Address dip block.
6 Dip that means it is possible to address up to 60 units
with different AD number
- ▶ configuration fan coil dip block



**Address Dip
6 Dip Max 60
Address**

**Configuration
dip block**

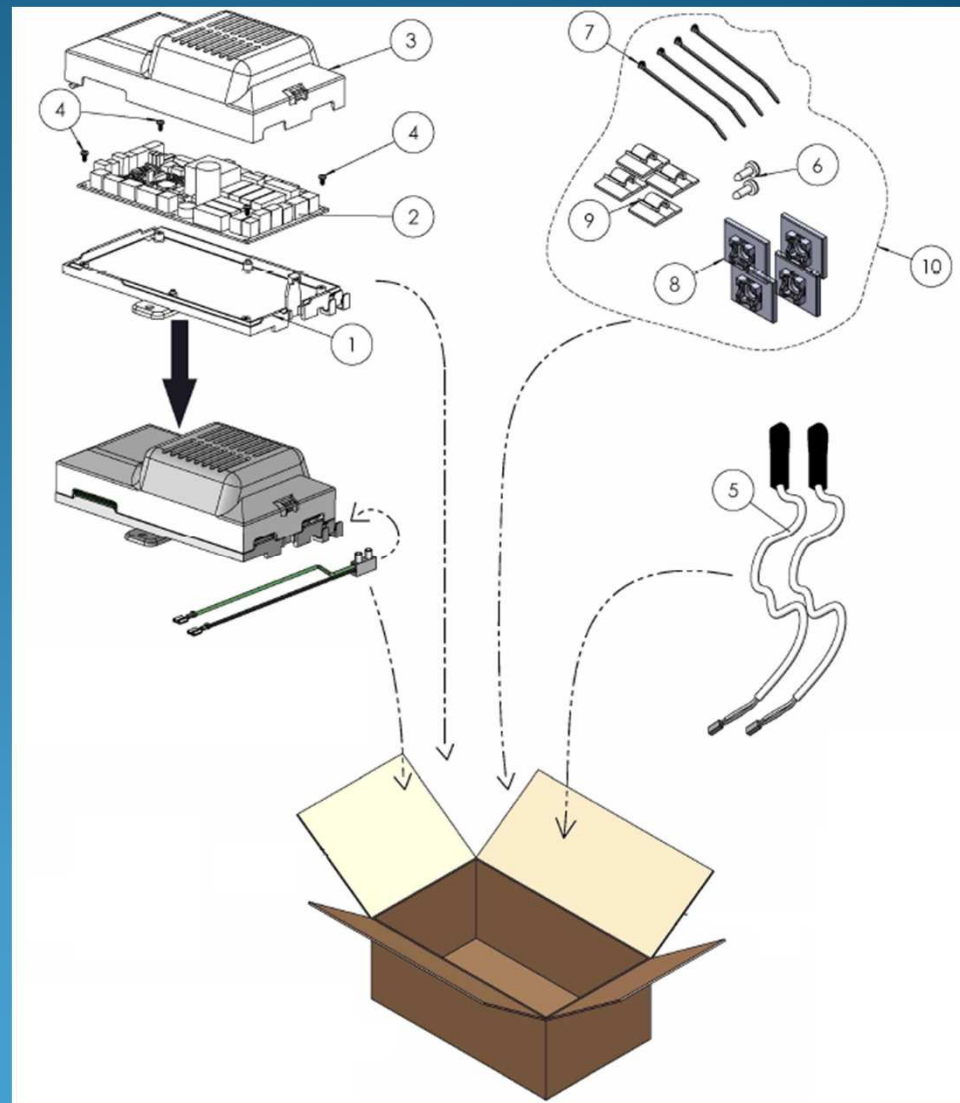
Address dip block

Indirizzo/ Address	Dip Switches ON	Indirizzo/ Address	Dip Switches ON	Indirizzo/ Address	Dip Switches ON	Indirizzo/ Address	Dip Switches ON
1	1	21	1+3+5	41	1+4+6	61	1+3+4+5+6
2	2	22	2+3+5	42	2+4+6		
3	1+2	23	1+2+3+5	43	1+2+4+6		
4	3	24	4+5	44	3+4+6		
5	1+3	25	1+4+5	45	1+3+4+6		
6	2+3	26	2+4+5	46	2+3+4+6		
7	1+2+3	27	1+2+4+5	47	1+2+3+4+6		
8	4	28	3+4+5	48	5+6		
9	1+4	29	1+3+4+5	49	1+5+6		
10	2+4	30	2+3+4+5	50	2+5+6		
11	1+2+4	31	1+2+3+4+5	51	1+2+5+6		
12	3+4	32	6	52	3+5+6		
13	1+3+4	33	1+6	53	1+3+5+6		
14	2+3+4	34	2+6	54	2+3+5+6		
15	1+2+3+4	35	1+2+6	55	1+2+3+5+6		
16	5	36	3+6	56	4+5+6		
17	1+5	37	1+3+6	57	1+4+5+6		
18	2+5	38	2+3+6	58	2+4+5+6		
19	1+2+5	39	1+2+3+6	59	1+2+4+5+6		
20	3+5	40	4+6	60	3+4+5+6		

dip switch configuration

		IMPOSTAZIONE DIP DI CONFIGURAZIONE	SETTING THE CONFIGURATION DIPSWITCHES
		Posizione / Position / Position	
DIP	DEFAULT	ON	OFF
1	OFF	<i>IMPIANTO A 4 TUBI</i> 4 PIPE UNITS INSTALLATION A 4 TUBES	<i>IMPIANTO A 2 TUBI</i> 2 PIPE UNITS INSTALLATION A 2 TUBES
2	OFF	Termostatazione con Fan Thermal power station with Fan Thermostatisation avec ventilateur	Termostatazione con valvole Thermal power station with valves Thermostatisation avec vannes
3	OFF	T3 abilitata T3 enabled T3 activée	T3 disabilitata T3 disabled T3 désactivé
4	OFF	T3 Inverno ed Estate quando abilitata T3 Winter and Summer when enabled T3 Hiver et été quand activé	T3 solo Inverno quando abilitata T3 only Winter when enabled T3 seulement hiver quand activé
5	OFF	Ventilazione contemporanea delle valvole Simultaneous ventilation of valves Ventilation simultanée des vannes	Ventilazione continua Continuous ventilation Ventilation continue
6	OFF	Gestione Resistenze Resistance-coils Management Gestion des résistances	IAQ
7	OFF	Gestione Resistenze con T2 Resistance-coils with T2 Gestions des résistance avec T2	T2 come Change-Over CH (resistenza II° gradino) T2 as CH Change-Over (resistance phase II) T2 comme changement de marche CH (résistance II° échelon)
8	OFF	-	RL7 (D0-D0) abbinato allo stato del controllore RL7 (D0-D0) according to the state of the controller RL7 (D0-D0) couplé à l'état du contrôleur
9	OFF	CA = Estate/Inverno remoto CA = Remote Summer/Winter CA = Été/hiver à distance	CA = ON/OFF remoto CA = Remote ON/OFF CA = MARCHE/ARRÊT à distance
10	OFF	Slave	Master

Fan-coil MB kit Cod. 9066333



IR remote control

Cod. 3021203



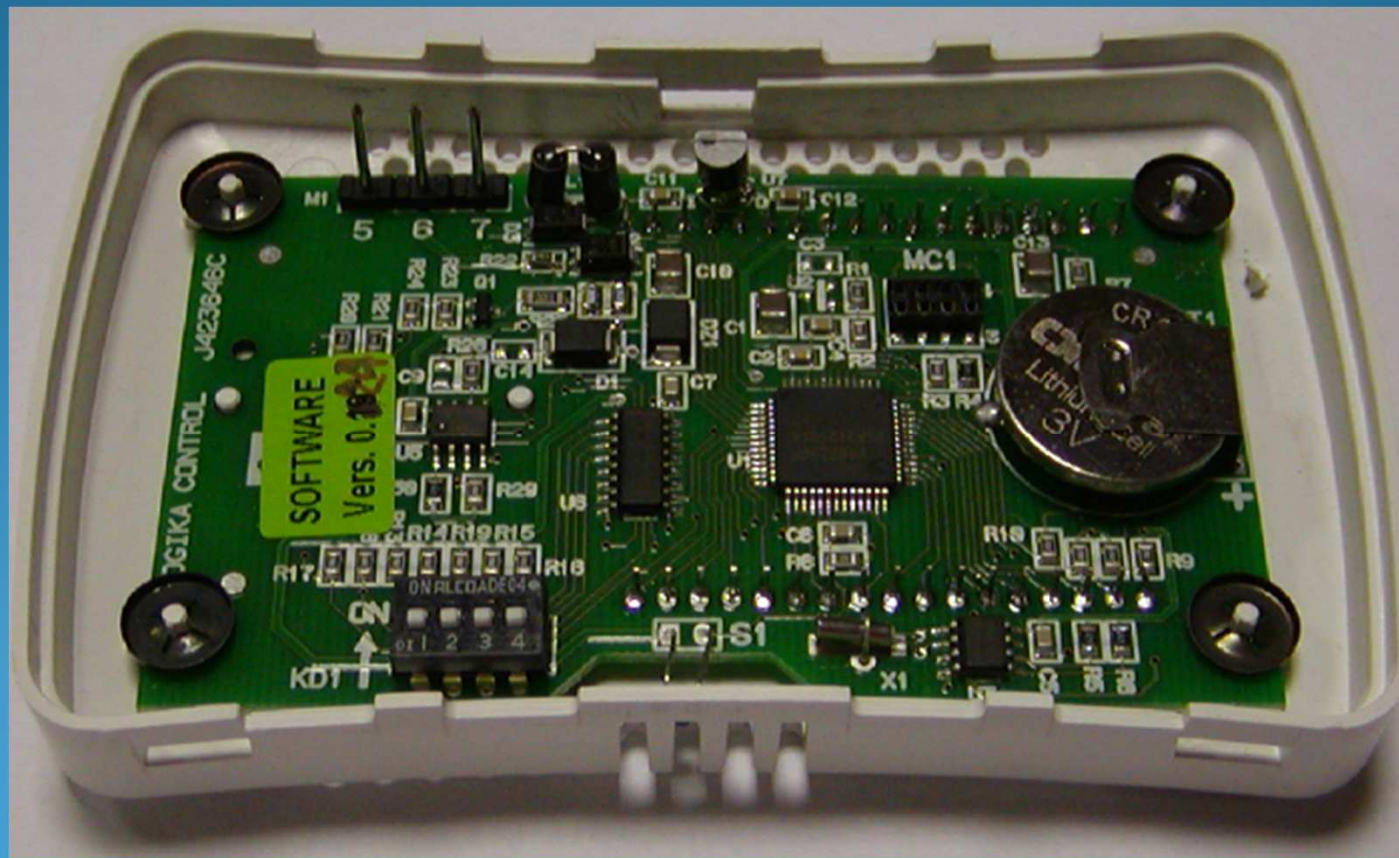
receiver IR kit per Fan coil Cod. 9066338



Wall mounted control T-MB codice 9066331E

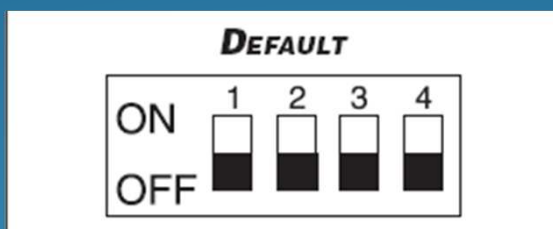


Inside T-MB



Schede MB per fan-coil rev 00

Dip switch T-MB



DIP	FUNZIONE / FUNCTION / FONCTION	POSIZIONE POSITION POSITION
1	Configurazione T-MB in versione +/- T-MB configuration in +/- version Configuration T-MB en version +/-	ON
	Configurazione T-MB come controllo completo T-MB configuration as complete controller Configuration T-MB comme contrôle complet	OFF
2	Seleziona il sensore di temperatura montato sull'apparecchio <i>Select the temperature sensor fitted on the appliance</i> Sélectionne le capteur de température monté sur l'appareil	ON
	Seleziona il sensore di temperatura presente sul T-MB <i>Select the temperature sensor on the T-MB</i> Sélectionne le capteur de température présent sur T-MB	OFF
3	Non utilizzato / <i>Not used</i> / Non utilisé	—
	Non utilizzato / <i>Not used</i> / Non utilisé	—
4	Non utilizzato / <i>Not used</i> / Non utilisé	—
	Non utilizzato / <i>Not used</i> / Non utilisé	—

Function T-MB

On/off

Set point temperature

Mode selection (summer, winter, fan only, auto)

Fan speed (High, Medium, Low, Auto)

Clock

Weekly program (one switch on/off per day)

Set the working parameters of the MB Card

View of unit status and alarm

Wall mounted control usable with a stand alone or master/slave application.