



SABIANA
IL CLIMA AMICO

Router-S Cod 3021290 Setup

One code for two applications:
Sabianet or BMS

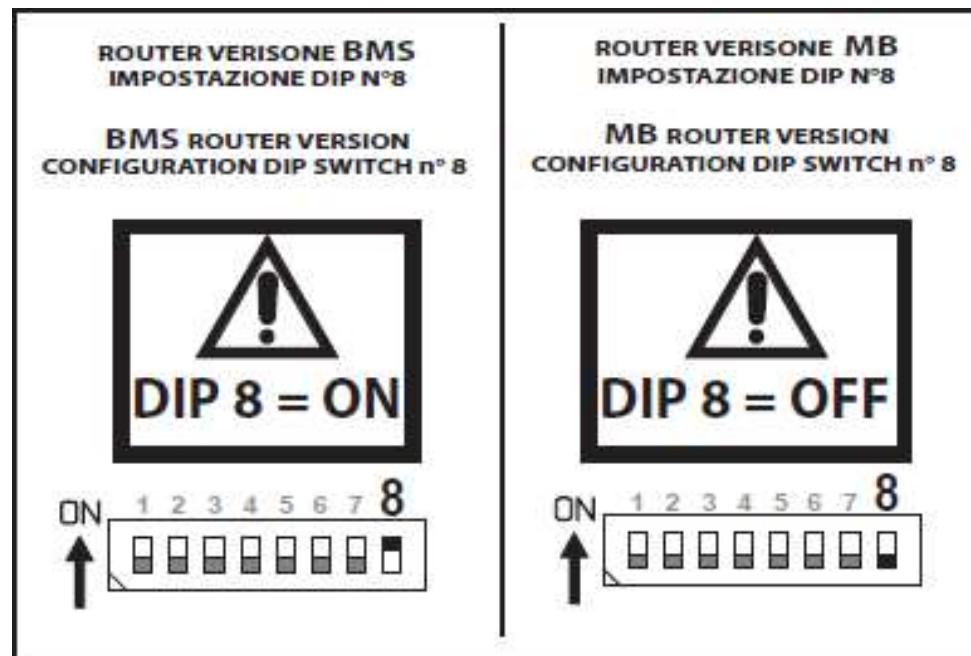


The new Router-S, code 3021290, it replaces also the Router-BMS, code 3021340, now out of catalog.

Can be used only with Sabiana MB units, it is suitable for both Sabianet and third party BMS. It allow to make Master / Slaves network.

The selection will be done using the dip switch 8.

To set it as Router for BMS: dip 8 = ON



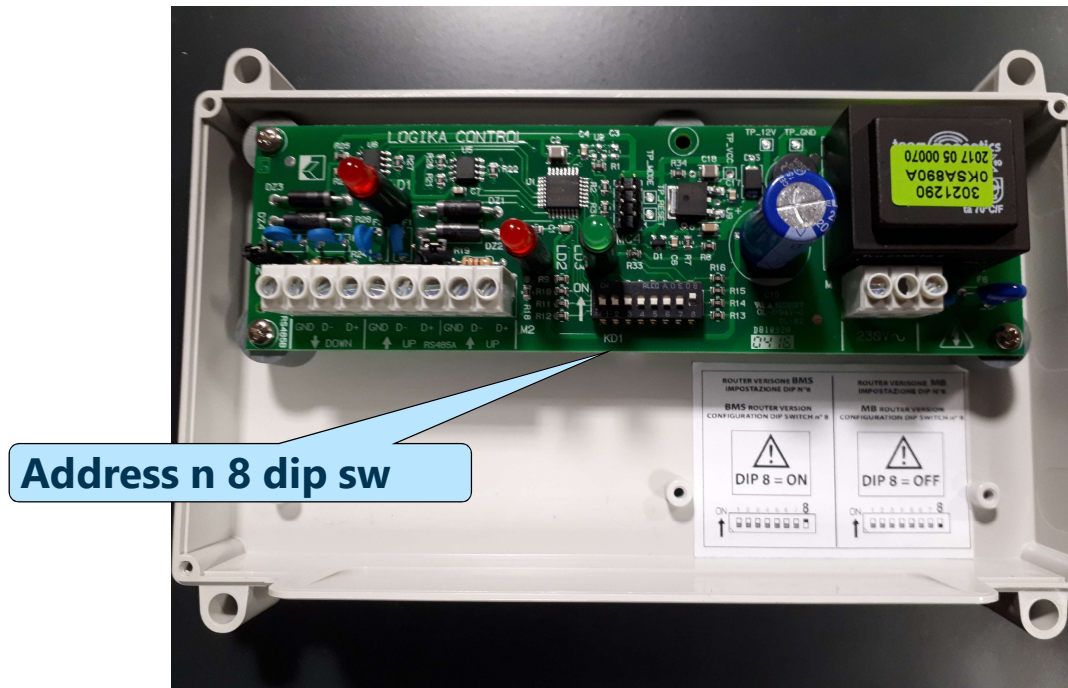
Router-S

Dip 8 = ON

- This configuration of the Router-S is aimed to external system integrators
- In ModBus networks, a system integrator can integrate our MB cards by configuring them only as single units where a T-MB (wall controller) can control only one unit.
- The Router-S with dip 8 = ON give them the opportunity to have multiple networks master/slave on the same ModBus network, allowing to connect one T-MB to more units.

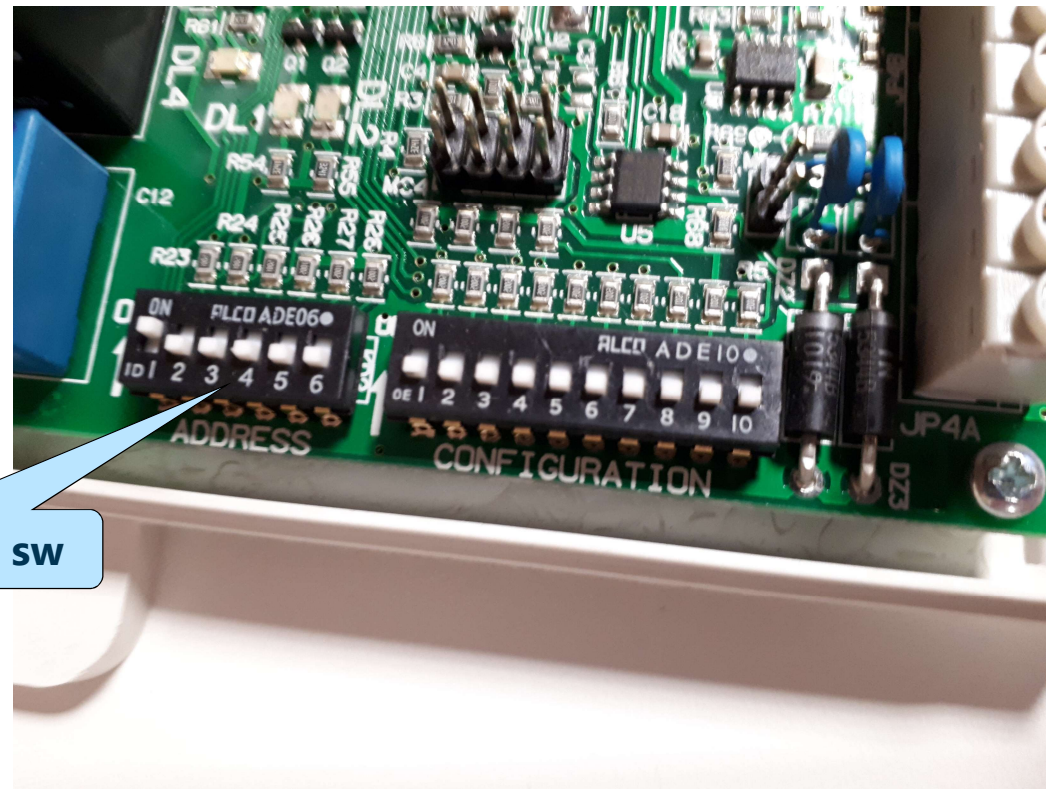
How to address the Router-S

- Maximum number of Router-S allowed in a ModBus network is 14, address from 1 to 14.
- See address table (slide 7)



How to address the FCU MB cards

- In each subnet master / slave a maximum number of 15 units is allowed, address from 1 to 15.
- See address table (slide 7)



Address n 6 dip sw



Address Table

Setting the router address dip switches

example : address 3 = dip switch 1 and 3 in ON, others in OFF

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		

Network configuration

Maximum number of Router-S allowed in a ModBus network is 14, address from 1 to 14.

In each subnet master / slave a maximum number of 15 units is allowed, address from 1 to 15.

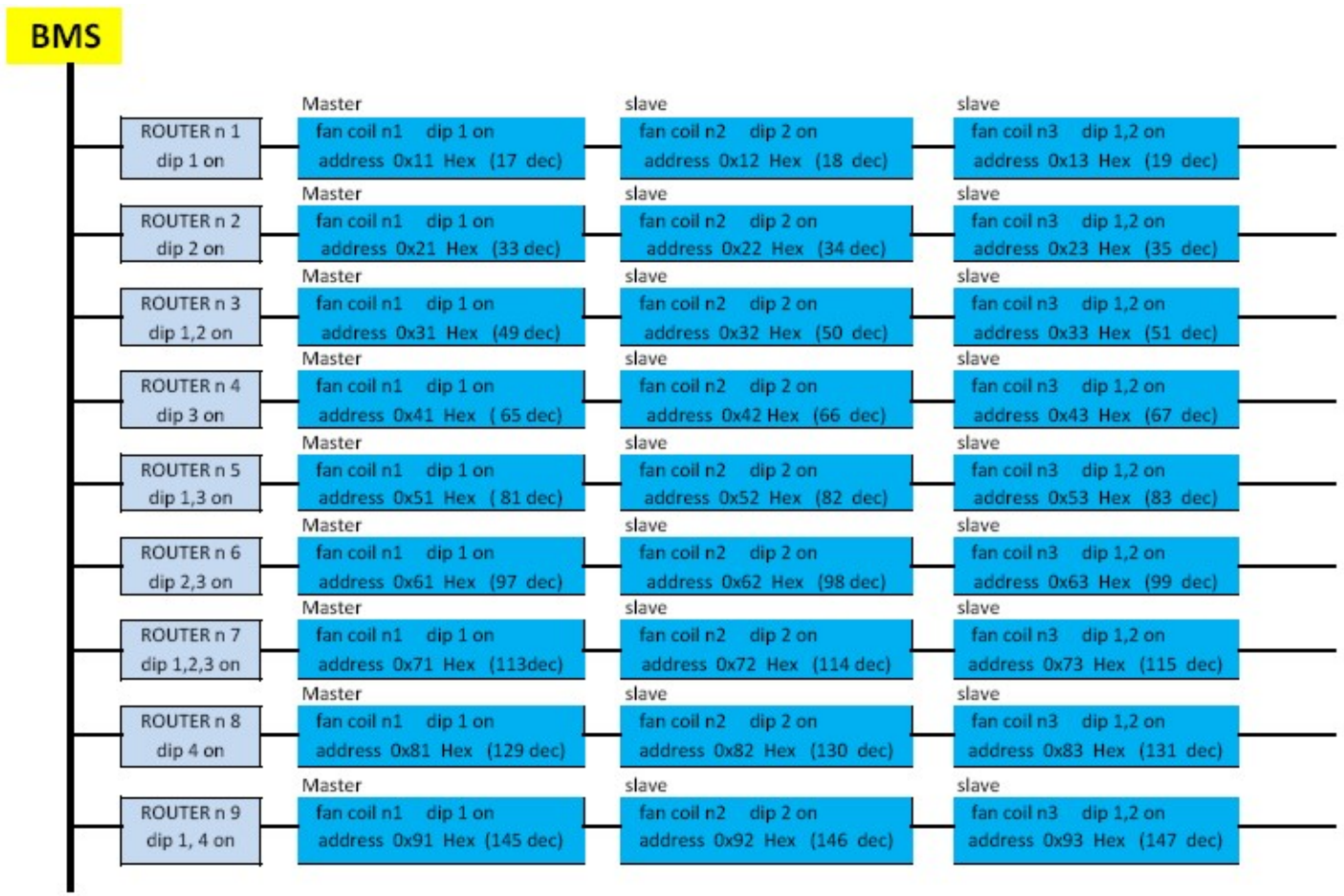
The single board MB is accessible via an address composed as follows:

- ❖ Nibble high, ModBus address of the Router-S of competence
- ❖ Nibble low, physical address of the MB card.

Example: MB card with physical address 0x03 connected to Router-S with physical address 0x05, the MB card can be accessed via logical address 0x53.



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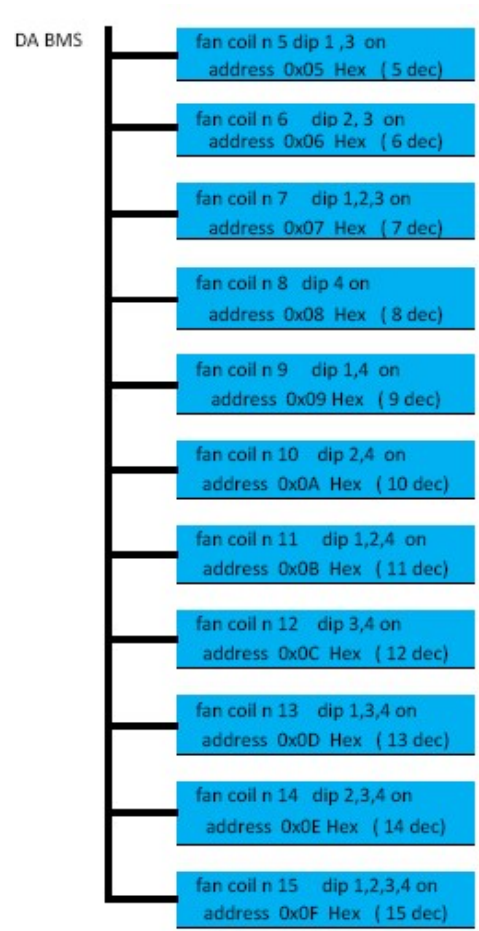
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DA BMS





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Wiring Diagram

