



Sistema Casa lighting control system

Product technical sheet

- Power supply: 13,8 Vdc
- Operating temperature: $-20 \div +60^{\circ}\text{C}$
- Storage temperature: $-40 \div +80^{\circ}\text{C}$
- Configurations saved on not volatile memory
- Maximum bus length: 1200 meter (at 9600 bps), 1000 meter (at 19200 bps)
- Maximum wires length to digital input module: 100 meter
- Maximum number of actions per input: 4 (each input can send command up to 4 different output)

Distributed modules

Name	Description	Technical	Power consumption	Output Power
		dimensions		
<i>MB4I0U</i>	4 digital IN	56x43x17 mm	30mA@13,8Vdc	-
<i>MB6I0U</i>	6 digital IN	56x43x17 mm	30mA@13,8Vdc	-
<i>MB0I4UD</i>	4 digital OUT, with up to 5 different programmable output functions	56x43x17 mm	190mA@13,8Vdc	40mA@12Vdc
<i>MB0I8UD</i>	8 digital OUT, with up to 5 different programmable output functions	75x43x17 mm	350mA@13,8Vdc	40mA@12Vdc
<i>MB0I10U</i>	1 0-10Vdc OUT for electronic transformer and ballast control, with programmable speed and range parameters; 100 output step	56x43x17 mm	270mA@13,8Vdc	150mA@10Vdc
<i>MB0IDUB</i>	2 dimmer OUT (resistive loads, TRIAC technology), 100 output step	130x40x31 mm	30mA@13,8Vdc	800W total (cosφ = 1)
<i>MB0IDU</i>	2 dimmer OUT (resistive loads, TRIAC technology) with programmable speed and range parameters; 100 output step	130x40x31 mm	30mA@13,8Vdc	800W total (cosφ = 1)
<i>MB4I4UD</i>	4 digital IN, 4 digital OUT with up to 5 different programmable output functions	75x43x17 mm	190mA@13,8Vdc	40mA@12Vdc
<i>MBINTIR</i>	Universal IR receiver for up to 55 different RC5 codes	56x43x17 mm	30mA@13,8Vdc	-
<i>MB4IIR</i>	4 digital IN with 8 IR commands (use dedicated remote controller)	75x43x17 mm	30mA@13,8Vdc	-
<i>MB6IIR</i>	6 digital IN with 8 IR commands (use dedicated remote controller)	75x43x17 mm	30mA@13,8Vdc	-

DIN rail modules

Name	Description	Technical	Power Consumption	Output Power
		Dimensions		
<i>MB0I8UR</i>	8 relay OUT	DIN: 9 modules	30mA@13,8Vdc	Single OUT = 1.5kW Total = 4.5kW (cosφ = 1)
<i>MB4I4UR</i>	4 digital IN, 4 relay OUT with up to 5 different programmable output functions	DIN: 4 modules	190mA@13,8Vdc	Single OUT = 1.5kW Total = 4.5kW (cosφ = 1)
<i>MB8I8UD</i>	8 digital IN, 8 digital OUT with up to 5 different programmable output functions	DIN: 6 modules	350mA@13,8Vdc	40mA@12Vdc
<i>MB8I8UR</i>	8 digital IN, 8 relay OUT with up to 5 different programmable output functions	DIN: 6 modules	350mA@13,8Vdc	Single OUT = 1.5kW Group OUT = 1.5kW Total = 4.5kW (cosφ = 1)
<i>MB8I8URO</i>	8 digital IN, 8 relay OUT with up to 5 different programmable output functions. 0-crossing technology integrated (long relay life)	DIN: 6 modules	350mA@13,8Vdc	Single OUT = 1.5kW Group OUT = 1.5kW Total = 4.5kW (cosφ = 1)

Accessories

Name	Description	Output Power
<i>MB1R10A</i>	1 relay for digital OUT connection, with NO and NC contact	NO = 10A NC = 3A (cosφ = 1)
<i>MB4R16A</i>	4 relay for digital OUT connection, with NO and NC contact	Single OUT (NC, NO) = 16A Total = 24A (cosφ = 1)
<i>MBAL4A</i>	DIN rail power supply, 13.8Vdc, 4A maximum current	-
<i>MBTIR8</i>	8 button dedicated remote controller (RC5 standard code) for <i>MB4IIR</i> and <i>MB6IIR</i> modules	-

Sistema Casa S.a.s.
Piazza Luigi di Savoia 24
20124 Milan, Italy
Phone +39-02-66988330
Fax +39-02-67381819
mongiovi@sistemacasa.it
www.sistemacasa.it