



DIN-Rail Mount: 5Isolated Areas Mix Controller. This Mix Control module is designed to Handle almost all needs of any Luxury Zone Like Master Suite, Hotel Room or 1-2 bedroom apartment. A Single Module contains 3Ch Dimmers X each is 1A, and 11ch Relays X each is 6A /per ch. with scene controller. 2Ch RelaysX6A With Double Throw for Motorized curtains and Drapes. 1Relay X 16A for Boiler and Floor Heating. HVAC module for FCU/AHU to Handle Multi stage Cooling, heating, and 3 fan Speed (L M H). Built in 1 Port for 0-10V VAV and Ballast Control. Added Port for T1 Temperature Sensor for Duct Temperature. Work 220/110 VAC, 50-60Hz (Green operated) Compact

technical data



Supply

80-230VAC, 50/60Hz 3-Lines
power consumption: 20-30mA

Outputs

Max Load per Relay Ch 3A
Max Load for Dimmer Ch 2A
Total 5A

Maximum Total Load

Total load must never exceed.
30A

Control IO

3 x Advanced RS485 S-BUS
serial port links (both train &
screw link types)

Upgrade IO

1 x mini USB port (to connect to
special programming board)

User Controls

- front panel override switches,
- Includes ON/OFF/AUTO over-
ride switch for each channel
- LED status indicator/channel
- Diagnostic LED+ BROADCAST

Programming

- Manual Ch. Pairing Prog.
- Advanced Software Configu-
ration & Programming

Compliance

CE Mark Low Voltage
CE Mark EMC
ROHs,

Internal Protection

- Over Load Protection
- BUS Rv. Polarity Protection
- BUS Short Circuit Protection

Preset and Scenes

15X30 Built in Scenes

Installation

- 35mm DIN-Rail Mount Ready
- Wall Mount Ready (8P)

SBUS DC Supply

24VDC with flexible tolerance
between 12-36VDC. Flexible
ability to add power supply as
to be needed any where

Supply Terminals

3 each is good for 2 x 2.5mm² or
1 x 4mm² max conductor size

Output Terminals

24 each is good for 2 x 2.5mm²
or 1 x 4mm² max conductor size

Operating Environment

0° to 45°C ambient temperature
10% to 93% RH

Enclosure & Size

Polycarbonate, DIN-rail (8 Unit)

Dimensions & Weight

W 91mm x L 145mm x H 75mm
Packed weight 0.9kg



New added features as Simultaneous operation:

- a- Multi Line
- b- Double Throw
- c- momentary
- d- Latching / toggling
- e- Scene from multi Units
- f-HVAC & VAV
- g-Ballast Control
- h-Boiler/Floor Heating
- i- Motorized Curtain Control



load compatibility



- All Types of Lighting
- Appliances
- HVAC / VAV
- Water Pumps & Solenoids
- Track lighting
- Motorized Drapes



commercial



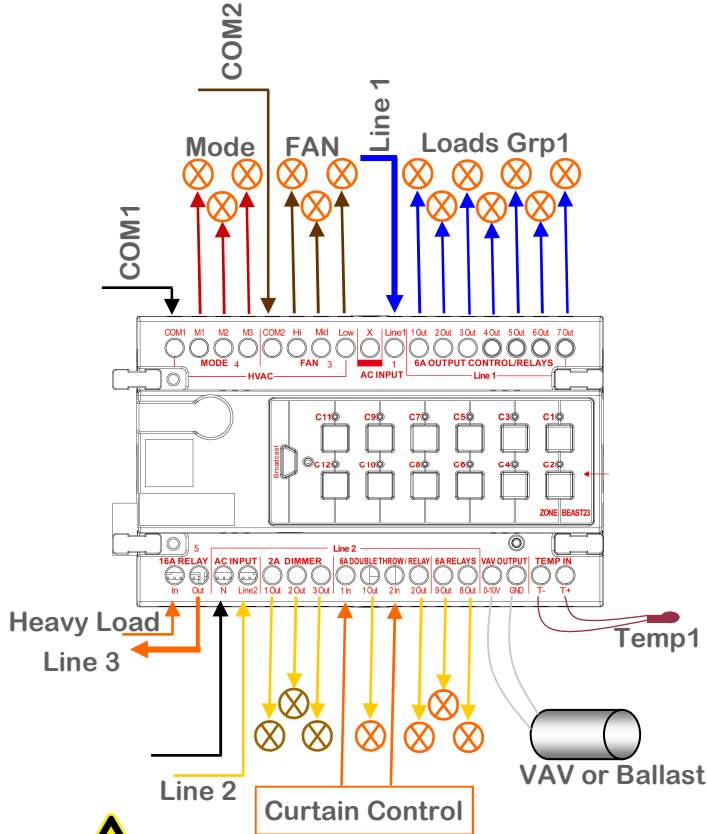
GTIN (UPC-EAN): 0610696254313
Patent P. No: 201110123081.0
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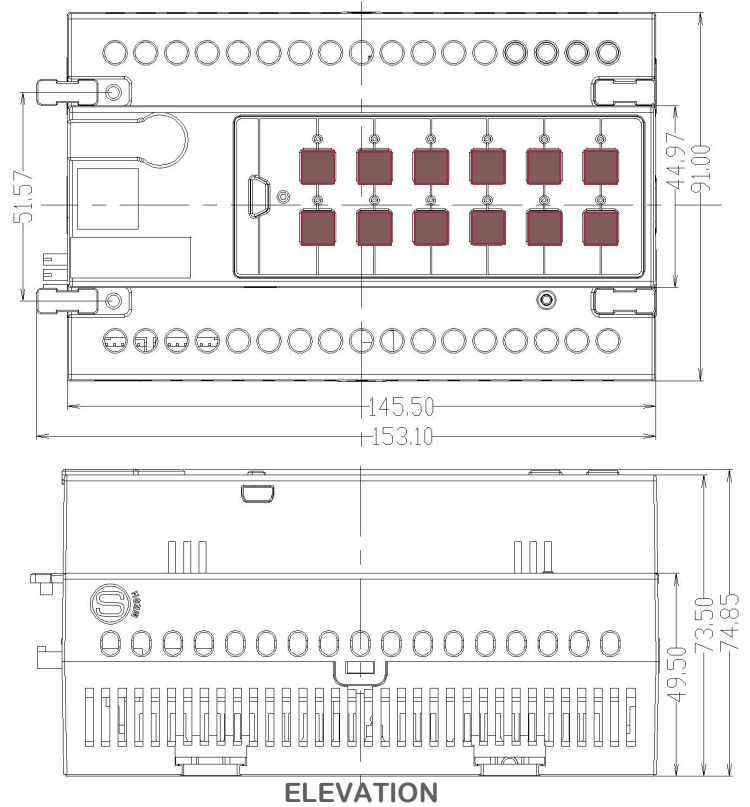
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electrical diagram

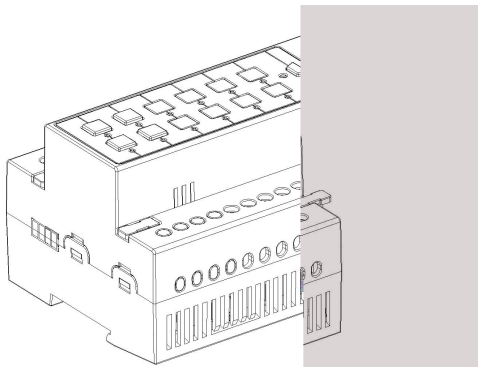


mounting dimensions

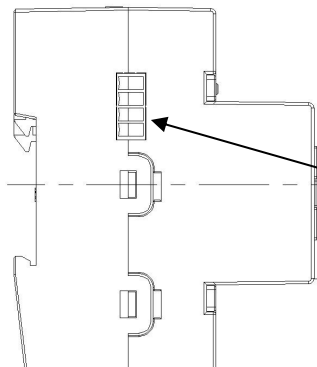


Warning: this is an electrical product, it must be installed only by trained & licensed electrician

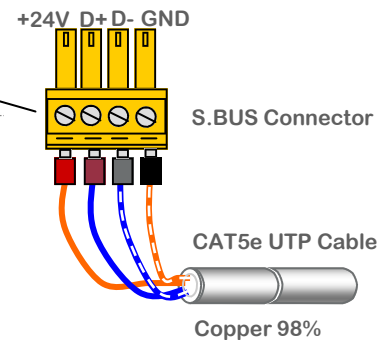
S-BUS connection



PROSPECTIVE



SIDE VIEW



UTP core colors



S.BUS +24V	orange
S.BUS GND	w/orange
S.BUS D+	blue
S.BUS D-	w/blue
Spare	green
Spare	w/green
Spare +12v	brown
Spare -12V	W/brown



www.smarthomebus.com • info@smarthomebus.com
USA - Germany - Denmark - Hong Kong - Jordan - China - UAE

SB-G4 Data Sheet Rev 2.0 released Dec.2012

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