



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 2.5mm<sup>2</sup> or  
1 x 4mm<sup>2</sup> max conductor size

**Output Terminals**

24 each is good for 2 x 2.5mm<sup>2</sup>  
or 1 x 4mm<sup>2</sup> 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**

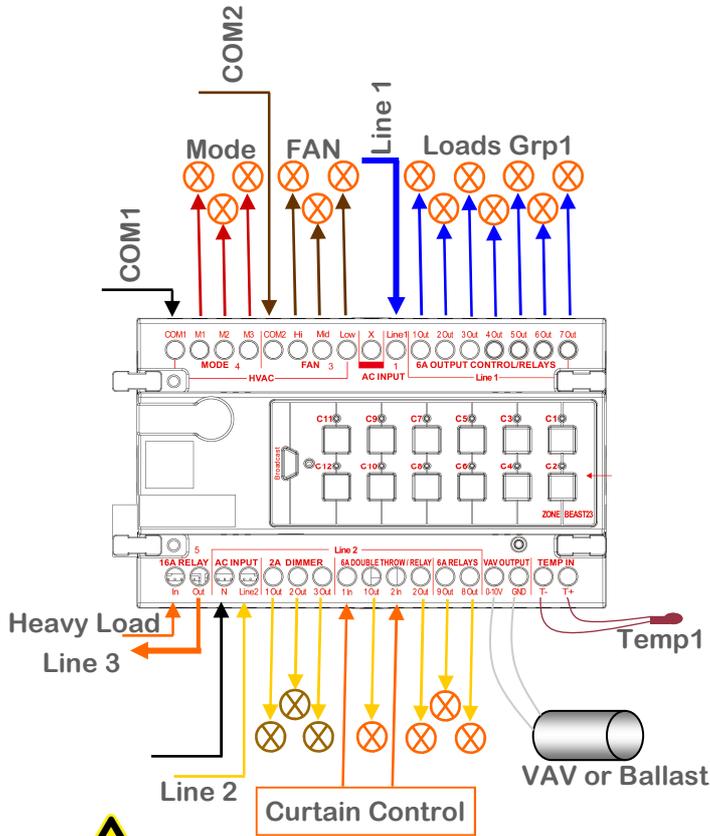


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Patent P. No: 201110123081.0  
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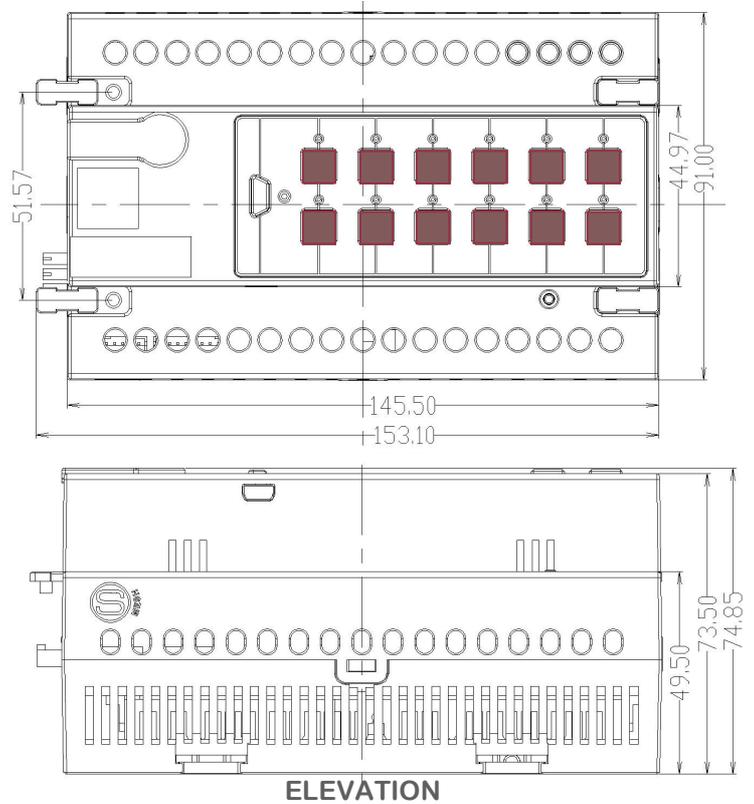


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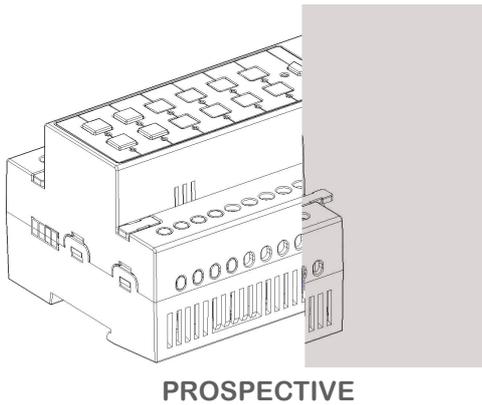
electrical diagram **G4**



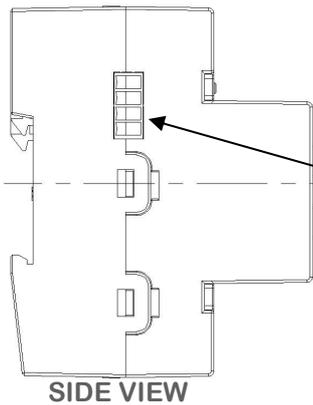
mounting dimensions **G4**



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

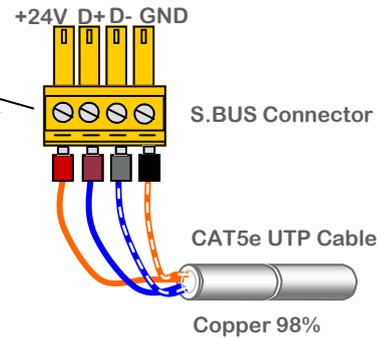


PROSPECTIVE



SIDE VIEW

S-BUS connection **G4**



UTP core colors **G4**

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



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