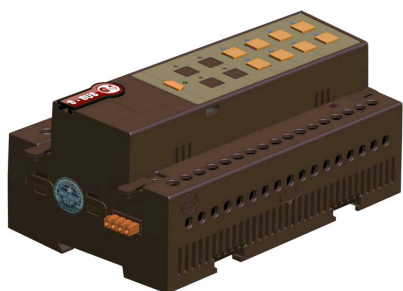




DIN-Rail Mount Switched Pass Through Relay 8ch 16A /per ch. with scene controller Multi Phase, Multi-Current, Multi voltage. Software Selectable programmable Motor function: Double Throw Dipole Grouping. Work 220/110 VAC, 50-60Hz as well as 1.5-48VDC (Green operated supplied by 24VAC/12mA) Small and elegant with easy labeling space, output status LED indicator, network health, broadcast address button and Momentary channel button. Can be used in any location that require energy saving, intelligent control such as apartment, Villa, Offices, Restaurant, Hotels or factories. *Can be Manually Programmed by any Electrician on site without need for PC.

** (This is an Advanced 2-way module. Changing load status manually reflect and update on all Connected SW & Devices)

technical data



Supply

80-240VAC, 50/60Hz 1-3Phase
and Pass through 1.5-48VDC.
power consumption: 20-30mA

Outputs

8 x Isolated & Separated
Switched Pass through outputs
rated at 16A each output ch.

Maximum Total Load

128A total load of all channels

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 Program-
ming Each Channel to a Button
on Wall Panels (e.g. DDP, 6B)
- Advanced Software Configu-
ration & Programming

Compliance

CE Mark Low Voltage
CE Mark EMC
ROHS, CPT, SABS

Internal Protection

- Over Load Protection
- Protecting Delay 0-60min
- Startup Delay 0-25 Sec.
- BUS Rv. Polarity Protection
- BUS Short Circuit Protection

Preset and Scenes

8X12 Built in Scenes, and 8X2
Sequence Modes and Logics.

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

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

Output Terminals

8 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 0.75kg

New added features as Simultaneous operation:

- a- Multi Phase
- b- Multi Current
- c- Multi Voltage
- d- Double Throw
- e- momentary
- f- Latching / toggling
- g- Scene from multi Units



load compatibility



- All Types of Lighting
- Water Heaters & Appliances
- Water Pumps & Solenoids
- Track lighting
- Sirens, Flashers++



commercial

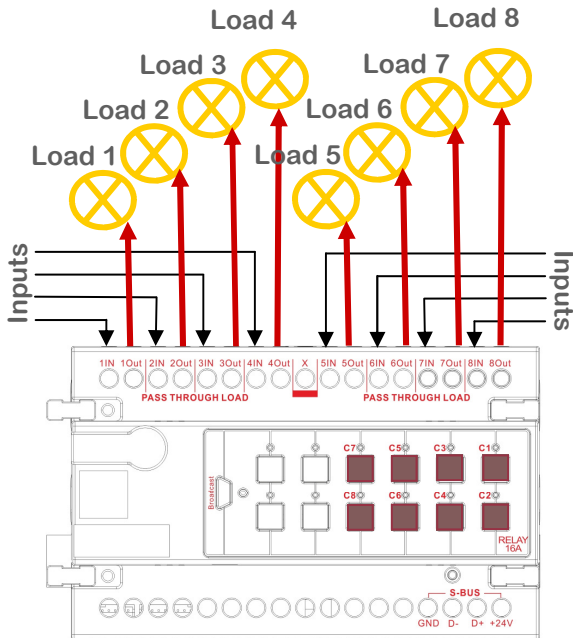


GTIN (UPC-EAN): 0610696253910
Patent P. No: 201110123081.0



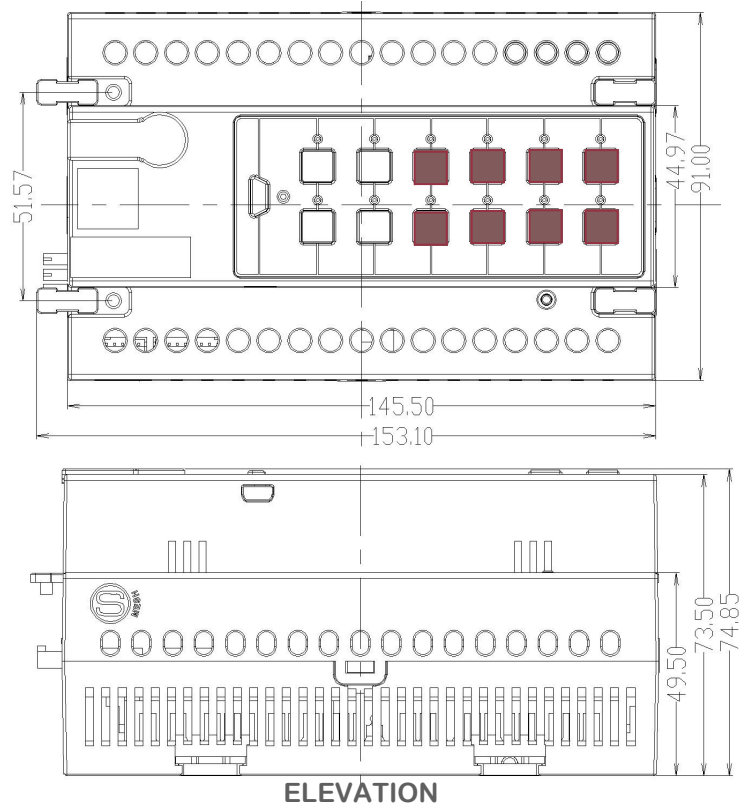
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electrical diagram **G4**



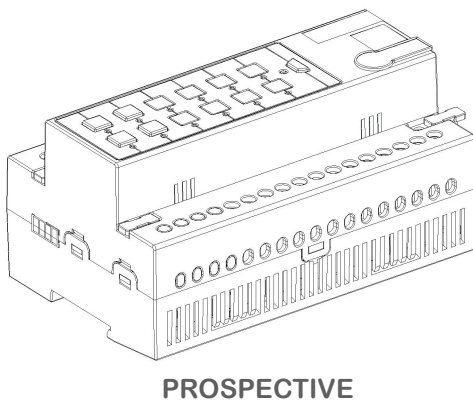
*Loads Inputs Can be from Different Phases and different Voltage or frequency. Accept ELV: 80-240VAC, and ELC: 1.5-48VDC

mounting dimensions **G4**

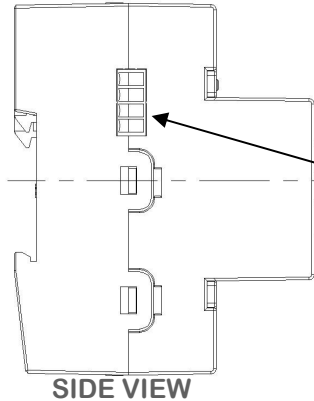


Warning: this is an electrical product, it must be installed only by trained & licensed electrician

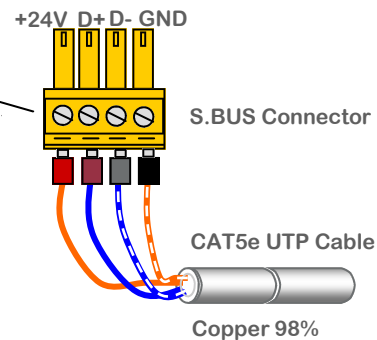
S-BUS connection **G4**



PROSPECTIVE



SIDE VIEW



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SB-G4 Data Sheet Rev 2.0 released Dec.2012

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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