



Both DIN-Rail Mount and Trail Click Mount, BUS Enabled, Cascadable. Good for Retrofit and for installations where DB size is Limited (Works for Both Wired S-BUS G4 and Wireless S-Wave enabled Networks)
 1 Channel 0-10V Ballast controller. To dim your Fluorescent Tube Lights and save tube Lights energy also gives different mood lighting in the room for a more comfortable lighting for the human eyes. It can handle 30 Looped 0-10V Ballasts, Inclusive with 10A relay per channel. 220/110 VAC, 50-60Hz (Green operated supplied by 24VAC/30mA) 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

technical data



Supply
 80-240V, 50/60Hz Single Phase
 power consumption: 30mA

Outputs
 1 Relays x 10A Each
 In 1 Areas (Fully Isolated)
 0-10V outputs

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
 • Device can be restored to
 previous scene or designated
 scene when power restore

Programming
 • Advanced Software Configu-
 ration & Programming

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

Compliance
 CE Mark Low Voltage
 CE Mark EMC
 ROHs, CPT, SABS

Internal Protection
 • Over Heat Protection
 • Over Load Protection
 • BUS Rv. Polarity Protection
 • BUS Short Circuit Protection
 • Protection delay function (0-
 60 minutes).

Preset and Scenes
 1X12 Built in Scenes, and 1X4
 Sequence Modes and Logics.
 maximum operating time: 60
Minutes. Orderly startup delay function
 in each channel. (0-25 seconds)

SBUS DC Supply
 24VDC with flexible tolerance
 between 8-36VDC. Flexible
 ability to add power supply as
 to be needed any where

Supply Terminals
 Line, 1X Inputs 2.5mm² - 4mm²
 max conductor size

Output Terminals
 10X OUT for each channel 1 x
 4mm² max conductor size

Operating Environment
 0° to 45°C ambient temperature
 20% to 93% RH

Enclosure & Size
 Polycarbonate, DIN-rail (8 Unit)

Dimensions
 W 46.06mm X 23mm x H 50mm



load compatibility

- 0-10V Dimmable Ballasts (for Fluorescent Lights)
- 0-10V Dimmable LED Drivers
- VAV 0-10V



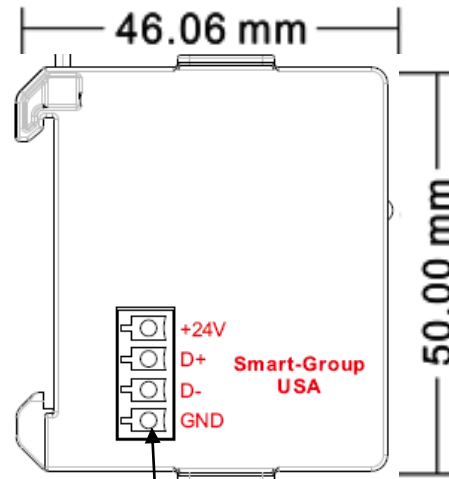
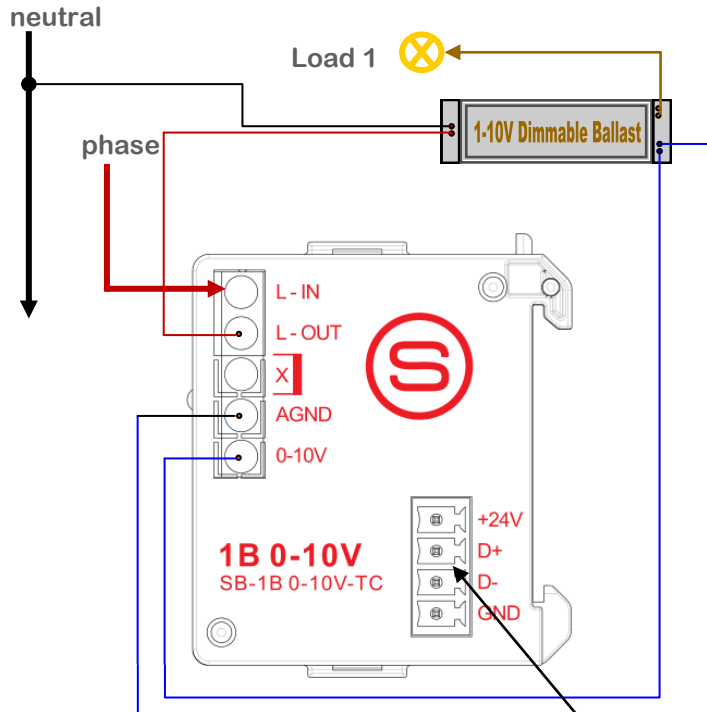
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 Patent P. No: 201110123081.0
 Patent No: 201120452441.7



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electrical diagram **G4**

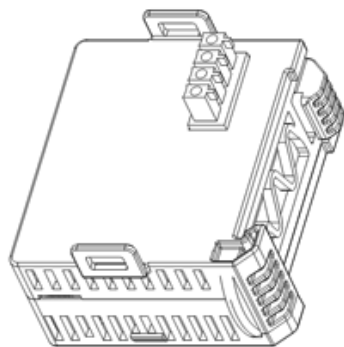
mounting dimensions **G4**



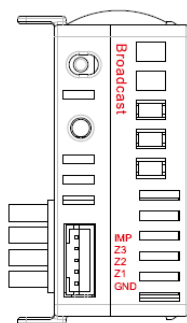
Note: The S-BUS Power Supply is the Main Supply of 1-10V Power Needs and Thus enough Power Must be allocated in P. Supply needs calculations.



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

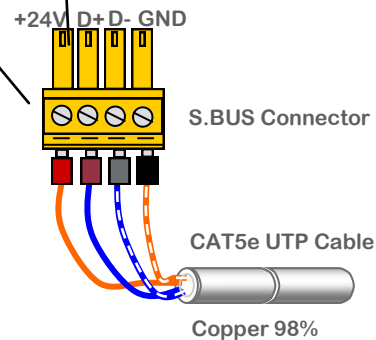


PROSPECTIVE



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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