



DIN-Rail Mount Dimmer 8ch 1.5A /per ch. with scene controller (Overheat, Overload, Surge Protection) single phase both 220/110 VAC, 50-60Hz (Green operated supplied by 24VAC/30mA) 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. *Gradual Fade Over Time range Enabled, *Scene record from Multi Device Enabled.

technical data

Supply

80-240V, 50/60Hz Single Phase
 power consumption: 25-35mA

Outputs

8 x dimmed outputs
 (leading edge phase control) at
 1.25-1.5A each output channel

Maximum Total Load

10A recommended total load

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

Preset and Scenes

8X12 Built in Scenes, and 8X4
 Sequence Modes and Logics.

Installation

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

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, 3X Neutral. 2 x 2.5mm²
 or 1 x 4mm² max conductor size

Output Terminals

COM. 1X OUT for each channel
 1 x 4mm² max conductor size

Operating Environment

-10° to 45°C ambient tempera-
 ture 10% to 93% RH

Enclosure & Size

Polycarbonate, DIN-rail (8 Unit)

Dimensions & Weight

W 91mm x L 145mm x H 75mm
 Packed weight 0.7kg


load compatibility


- Leading edge electronic transformers (Spot/Down Lights++)
- Incandescent lamps • Track lighting

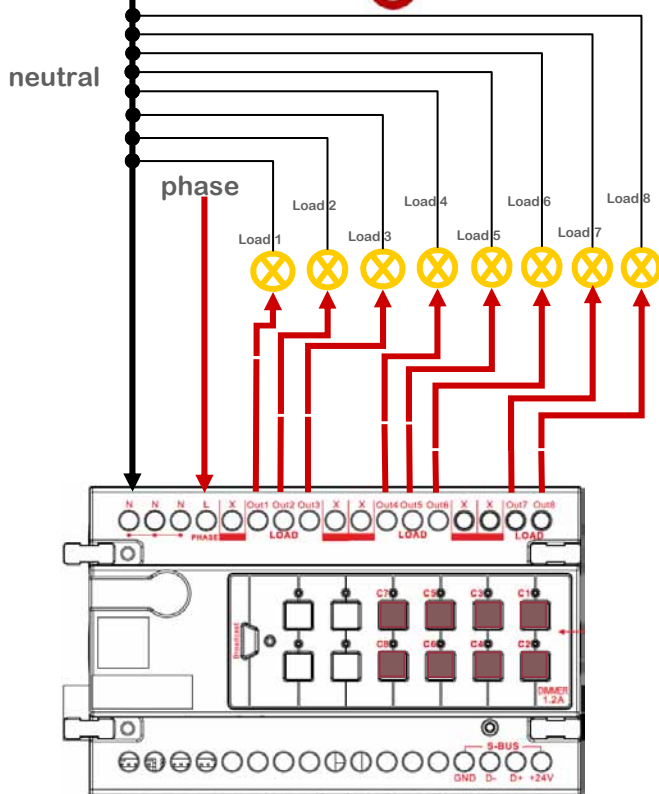

commercial


GTIN (UPC-EAN): 0610696254702
 Patent P. No: 201110123081.0
 Patent No: 201120452441.7



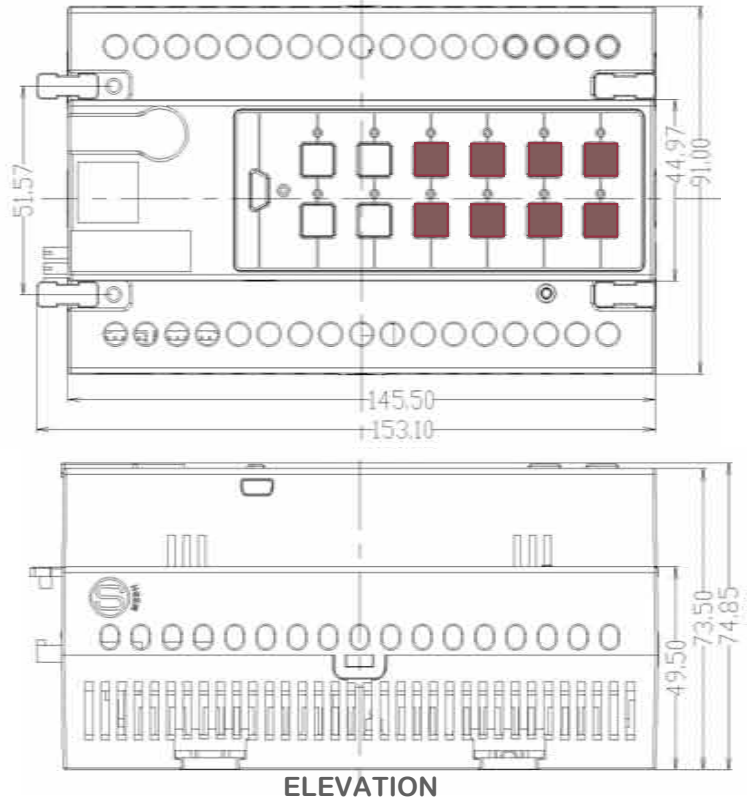
0 610696 254702

electrical diagram G4

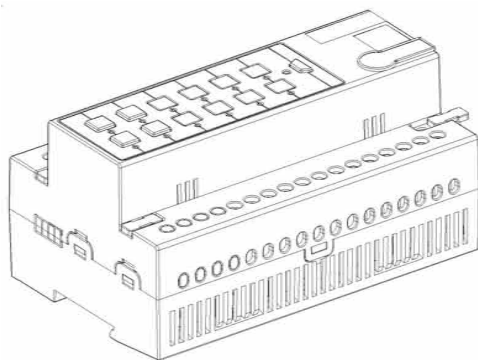


*Loads must be from same section & phase

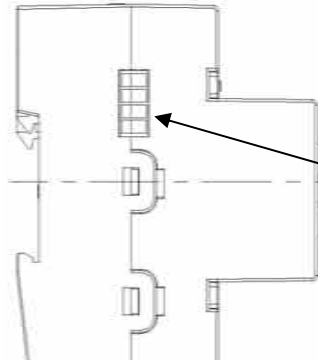
mounting dimensions G4



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

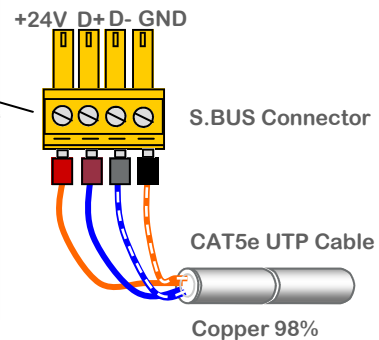


PROSPECTIVE



SIDE VIEW

S-BUS connection G4



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

SB-G4 Data Sheet Rev 2.0 released Dec.2012

Specifications subject to change without notice. © Smarthome® -Group Trading as Smart-BUS®. Texas 77043 - USA. All rights reserved. Smart Mesh®, Smarthome BUS® and all other associated logos are the registered trademarks of Smart-Group®. Not to be used nor reproduced without written permission. All Patents and IPO's Remain owned by



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