

one touch to an easy lifestyle



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LIGHTING



SECURITY



AUDIO



CONTROLS



ACCESS



CLIMATE

# Lighting Control



**Smart-Bus Dimmer 2ch 6Amp /ch, DIN-Rail Mount (G4) - SB-DIM2c6A-DN**

GTIN (UPC-EAN): 0610696253866



DIN-Rail Mount Dimmer 2ch 6A /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.

**Supply:** 80-240V, 50/60Hz Single Phase, power consumption: 20-30mA

**Outputs:** 2 x dimmed outputs (leading edge phase control) at 6A 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)

**Dimensions & Weight:** W 91mm x L 145mm x H 75mm, Packed weight 0.6kg


**Smart-Bus Dimmer 4ch 3Amp /ch, DIN-Rail Mount (G4) - SB-DIM4c3A-DN**

GTIN (UPC-EAN): 0610696253873



DIN-Rail Mount Dimmer 4ch 3A /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.

**Supply:** 80-240V, 50/60Hz Single Phase, power consumption: 20-30mA

**Outputs:** 4 x dimmed outputs (leading edge phase control) at 3A 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)

**Dimensions & Weight:** W 91mm x L 145mm x H 75mm, Packed weight 0.6kg


**Smart-Bus Dimmer 6ch 2Amp /ch, DIN-Rail Mount (G4) - SB-DIM6c2A-DN**

GTIN (UPC-EAN): 0610696253880



DIN-Rail Mount Dimmer 6ch 2A /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.

**Supply:** 80-240V, 50/60Hz Single Phase, power consumption: 20-30mA

**Outputs:** 6 x dimmed outputs (leading edge phase control) at 2A 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)

**Dimensions & Weight:** W 91mm x L 145mm x H 75mm, Packed weight 0.7kg



## Smart-Bus Relay 4ch 16Amp /ch, DIN-Rail Mount (G4) - SB-RLY4c16A-DN

GTIN (UPC-EAN): 0610696254429



DIN-Rail Mount Switched Pass Through Relay 4ch 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.

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

**Outputs:** 4 x Isolated & Separated Switched Pass through outputs rated at 16A each output ch.

**Maximum Total Load:** 80A 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)

**Dimensions & Weight:** W 91mm x L 145mm x H 75mm, Packed weight 0.55kg



## Smart-Bus Relay 4ch 20Amp /ch, DIN-Rail Mount (G4) - SB-RLY4c20A-DN

GTIN (UPC-EAN): 0610696253897



DIN-Rail Mount Switched Pass Through Relay 4ch 20A /per ch. Multi Phase, Multi-Current, Multi voltage. Software Selectable programmable 3 Phase Protective function: Grouping. Work 220/110 VAC, 50-60Hz as well as 1.5-48VDC (Green operated supplied by 24VAC/20mA) 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.

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

**Outputs:** 4 x Isolated & Separated Switched Pass through outputs rated at 20A each output ch.

**Maximum Total Load:** 80A 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)

**Dimensions & Weight:** W 91mm x L 145mm x H 75mm. Packed weight 0.5kg



## Smart-Bus Relay 6ch 16Amp /ch, DIN-Rail Mount (G4) - SB-RLY6c16A-DN

GTIN (UPC-EAN): 0610696253903



Din rail Pass Through Green Relay, powered by 12mA/24 VDC from Bus, can work as ON/OFF for Lighting, Small Pumps, water heaters, Solenoids of Irrigation, security buzzer, siren and flasher, and Industry use. Small and elegant with labeling place, life LED indicator, broadcast address button. Can be used in any location that require energy saving, intelligent control such as Factory, apartment, Villa, Offices, Restaurant, Hotel rooms, Convention Center, Shopping Mall, Residential Building, Banquet Room, Stadium, Airport, Theme Park, Gymnasium, Smart Mansion.

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

**Outputs:** 6 x Isolated & Separated Switched Pass through outputs rated at 16A each output ch.

**Maximum Total Load:** 96A 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)

**Dimensions & Weight:** W 91mm x L 145mm x H 75mm. Packed weight 0.6 kg



## Smart-Bus Relay 8ch 16Amp /ch, DIN-Rail Mount (G4) - SB-RLY8c16A-DN

GTIN (UPC-EAN): 0610696253910



DIN-Rail Mount Switched Pass Through Relay 4ch 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.

**Supply:** 80-240VAC, 50/60Hz 1-3Phase and Pass through 1.5-48VDC.

power consumption: 20-30mA

**Outputs:** 4 x Isolated & Separated Switched Pass through outputs rated at 16A each output ch.

**Maximum Total Load:** 64A 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)

**Dimensions & Weight:** W 91mm x L 145mm x H 75mm Packed weight 0.55kg



## Smart-Bus Relay 12ch 10Amp /ch, DIN-Rail Mount (G4) - SB-RLY12c10A-DN

GTIN (UPC-EAN): 0610696254375



DIN-Rail Mount Switched Pass Through Relay 4ch 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.

**Supply:** 80-230VAC, 50/60Hz 1-3Phase and Pass through 1.5-48VDC.

power consumption: 20-30mA

**Outputs:** 12 x Isolated & Separated Switched Pass through outputs rated at 9A each output ch.

**Maximum Total Load:** 100A 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)

**Dimensions & Weight:** W 91mm x L 145mm x H 75mm, Packed weight 0.7kg



# Audio



## Smart-Bus Zone-Audio 2 (G4) - SB-Z-AUDIO2

GTIN (UPC-EAN): 0610696253811



Distributed Audio Zone Player and Amplifier. Can Deliver up to RMS 48 Watts of Stereo. With Balanced Out to connect to Pre-Amplifier Booster. With Built in FM Radio Tuner, Built in SD Card Reader slot. Can Stream Digital Audio Through LAN/FTP from any PC or NAS on the Network. Advanced PA Port that can detect Audio Announcement Automatically mute current playing source, announce then switch back to the same music source again once announcement is completed. Additional RCA Stereo Input fro Direct Local Source Feed to allow local Music ports to connect direct from TV,DVD, iPod Dock or any other Source. Software Controllable and Integration Protocol ready.

**Output Terminals:** 2 x Amplified Speaker Out 2 x Balanced Speaker Out

**Maximum Output Power:** 50 watts: 25W Right & 25W Left

**Control IO:** 1 x Advanced RS485 S-BUS, 1 x LAN communication & FTP, 1 x RS-232 Integration Port, 1 x IR receiver Port

**Playable Input Sources:** 1 x SD CARD Reader (Built-in), 1 x Stereo Audio In (RCA), 1 x Stereo PA in (Auto Detect), 1 x Streaming Media via LAN.

## 6.5" Ceiling Speaker Dual Cross Over - RS-CS65K-CL

GTIN (UPC-EAN): 0610696253828

Easy Connector. Manual Channel to Switch Programming. 2D bar Coded, GTIN+. Accept 48 Play list Folders instead of 24. Auto Play Enabled after Source Change with Default volume Preset. Play List management, Multi Zones Command & Sync.



**6.5" CS Dual Cross Over - RS-CS65K-CL**  
GTIN (UPC-EAN): 0610696253828



**6.5" CS Single Cross Over - RS-CS65P-CL**  
GTIN (UPC-EAN): 0610696253835

**5.5" CS Single Cross Over - RS-CS55P-CL**  
GTIN (UPC-EAN): 0610696253842



**Wall Mountable Outdoor Speaker, Water Proof - RS-OWS-WL**  
GTIN (UPC-EAN): 0610696253859

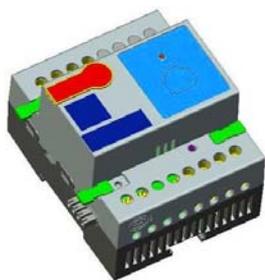


# Climate Control



## Smart-Bus HVAC2, Air Condition Control Module (G4) - SB-HVAC2-DN

GTIN (UPC-EAN): 0610696253767



DIN-Rail Mount Advanced Climate Control Module that installs near HAVC unit to save cost of wiring and to eliminate the need for standard ugly thermostats. being S,BUS enabled it can be controlled flexibly from any DDP panel and any BMS Automation Software. The HVAC2 Module can control Single and Multi stage Units (Heat, Cool, Fan low, High, Medium, VAV 0-10VDC) it can Handle any FCU, AHU, VAV System. With easy labeling space, Comes ready with LED indicator, network health, broadcast button. Good for applications witch require energy saving, Health intelligent control such as residential, commercial or industrial.

**Power Compatibility:** (HAVC 80-240VAC, 50/60Hz), (HVAC 12-48VAC Types), (FAN/VAV 0-10VDC), (Power consumption: 20-25mA)

**System Compatibility:** AHU (Air handling Units), FCU (Fan Coil Units), Single and Multi Stage Cool/Heat with 3 Fan Speed (H,M,L), VAV Damper Control.

**Outputs:** 6 x Separated Switched Relay outputs rated at 5A each Ch.

**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)

**Dimensions & Weight:** W 91mm x L 73mm x H 75mm, Packed weight 0.26 kg



## Smart-Bus IR Emitter with Current Sensor (G4) - SB-IR-UN

GTIN (UPC-EAN): 0610696253774



Universal Infra Red code Emitter with built in 2A current sensor and cyclic function. The innovative current sensor Idea check if the electronic equipments is running or is turned off to prevent sending Power Toggling IR code as example. Each module Can save up to 255 IR codes then can be used for Home theater equipment, HVAC, Media systems at living rooms, Curtains control, and several other devices.

**Universal Coded:** IR Emitter can save up to 255 universal unique IR codes

**Current Sensor:** Accept 2A Maximum Load, used usually to detect if equipment is operational or off, like TV, DVD, Set top Box ++

**Macro Function:** If used with SB-Logic2-DN, the following functionalities can be acquired: multi systems Macro ability, Cyclic Start point ability to reset macro even if changed manually by user using his remotes. (e.g. Watch DVD, Listen to Music, Watch TV)

**Control IO:** 1 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)

**Dimensions & Weight:** W 46mm x L 46mm x H 16mm, Packed weight 0.06 kg



## Smart-Bus Fan Speed Control Module (G4) - SB-6FAN5S-DN

GTIN (UPC-EAN): 0610696253781



DIN-Rail Mount Fan Speed Controller for Ceiling mounted fan Types. 6ch each is 2A. Each can handle up to 5 Fan Speed status. (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 climate control such as apartment, Villa, Offices, Restaurant, Hotels or factories.

**Supply:** 80-240V, 50/60Hz Single Phase power consumption: 20-30mA

**Outputs:** 6 x Stepped Speed outputs at 1A 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)

**Dimensions & Weight:** W 91mm x L 145mm x H 75mm, Packed weight 0.7kg



# Control Panels



## SMART-BUS DYNAMIC DISPLAY PANEL DDP EU WITH LCD - SB-DDP-EU

GTIN (UPC-EAN): 0610696254030



All in one wall Switch, the DDP is an elegant and easy to use wall panel that eliminates wall agony. It has built in thermostat, changeable labels to identify every button use, can control lights, curtains, temperature, music, and TV. DDP has easy fascia color and material changing flexibility to help match any interiors. The DDP has screw less mounting mechanism, security lock, easy upgrade mini-USB, re-locatable IR receiver probe, LED backlit buttons and LCD screen. DDP can accept Multi languages, Icons and Graphics.

Added function: Bigger buttons, Elegant aluminum surround and buttons, mini USB firmware upgrade port, better Temperature sensor, easy connectors. Security lock screw to prevent vandalism.

### Control Compatibility:

- Lighting
- Climate
- Music
- Curtains
- Moods
- Media
- Security
- Service
- Color
- Drapes
- Pumps
- Gates



**Dimensions & Weight:** W85mm x L85mm x H12mm xD8mm. Backed weight 0.22 kg

Elegant and easy to use wall panel that is soft programmed to enable control of lights, curtains, service++ the 6,4,3 Button switch has easy fascia color and material changing flexibility to help match any interiors. It has screw less mounting mechanism, security lock, easy upgrade mini-USB, re-locatable IR receiver probe, LED backlit buttons.

\*\*Added function: Bigger buttons, Elegant aluminum surround and buttons, mini USB firmware upgrade port, easy connectors. Security lock screw to prevent vandalism, two sided button operation.

**Gangs:** 6 gangs, 4 gangs, 3 gangs

**Control IO:** 1 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)

### Operation Protection

- BUS Rv. Polarity Protection
- BUS Short Circuit Protection

**SBUS DC Supply:** 24VDC with flexible tolerance between 8-32VDC. Flexible ability to add power supply as to be needed any where

Power consumption: 25mA

**Dimensions & Weight:** W85mm x L85mm x H12mm xD8mm. Backed weight 0.2 kg

## Smart-Bus 6 Button Switch Wall Panel - SB-6BS-EU

GTIN (UPC-EAN): 0610696254269



## Smart-Bus 4 Button Switch Wall Panel - SB-4BS-EU

GTIN (UPC-EAN): 0610696254276

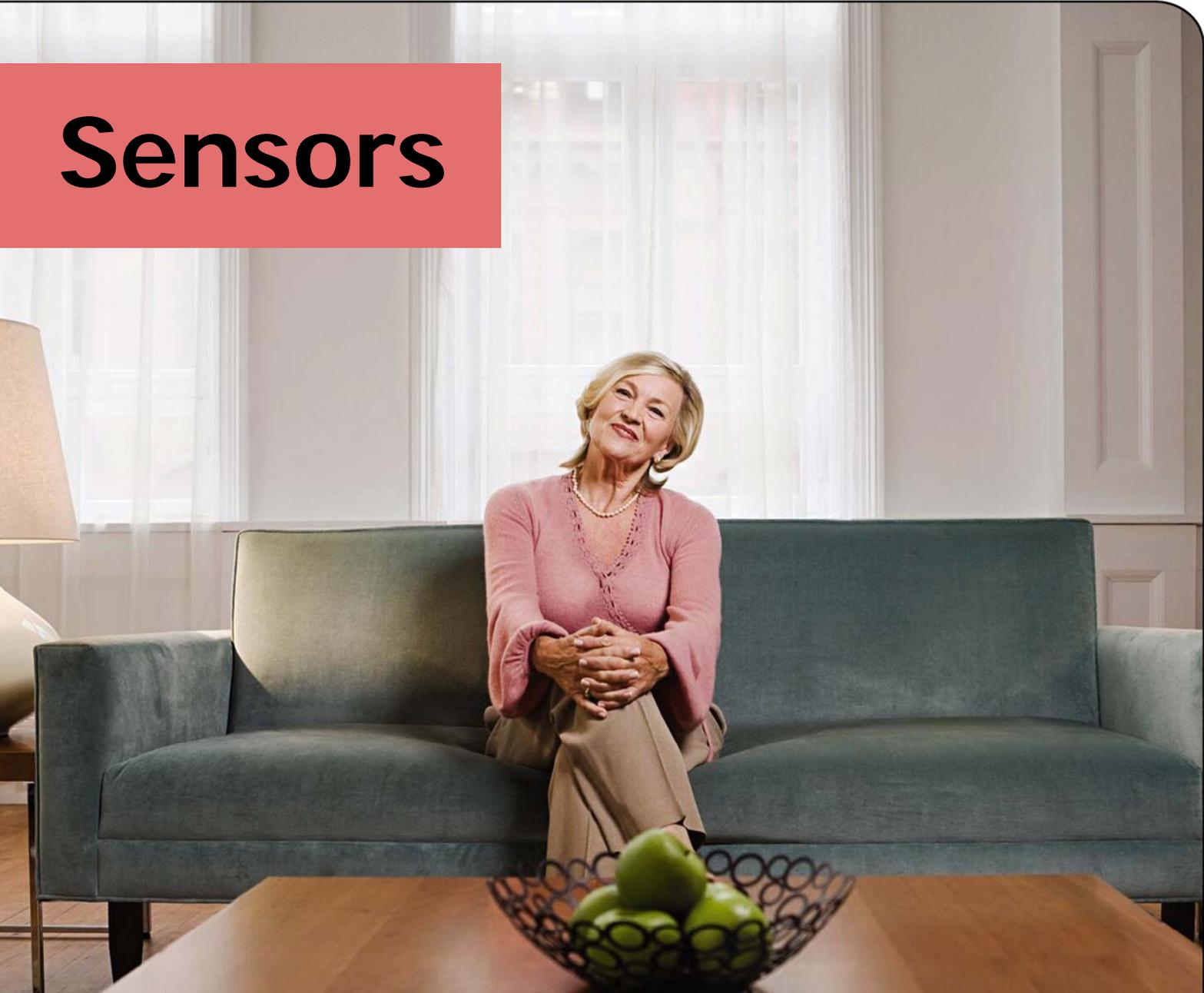


## Smart-Bus 3 Button Switch Wall Panel - SB-3BS-EU

GTIN (UPC-EAN): 0610696254283



# Sensors



### Smart-Bus 9 in 1 Multifunction Sensor (G4) - SB-9in1T-CL

GTIN (UPC-EAN): 0610696253996



Bus Enabled, Addressable Ceiling Mountable 9in1 Multi-Functional sensor. One device has 9 functions designed perfectly for Automation Industry techno-lifestyle needs. This All-in-One device contains: (addressable Motion sensor, light intensity LUX sensor, Infrared receiver for easy access by remote control, 360 degrees infrared transmitter to control 250 IR codes of electronic equipment like TV, DVD...etc., addressable 2-Zone Dry contact inputs one is for Safety, and one is for Security to connect to the room window sensor and smoke detector or any other sensor, save the wiring and programming time, it has 32 Logic lines (if, then, and or, nand, nor), and it support Burglar Security Code input checking, arming and disarming, it has Built in Temperature Sensor that can be paired to HVAC2 Module, and for other reading needs)

Added function: Easy S-BUS Connectors, Temperature Sensor, and mini USB firmware upgrade port, & Advanced mechanical design and size to fit ceiling boxes twist in.

**Control Compatibility:** • Security • Safety • Maintenance • Health • Automation • HVAC

**Inputs:** 2-Dry Inputs (Volt Free) + 1 PIR 10mX110 degrees , 1 LUX Sensor Inbuilt, IR Receiver inbuilt, 1 Temperature sensor inbuilt.

**Controls:** 1 x Advanced RS485 S-BUS serial port links (both train& screw link types), 1 x 360 degree IR emitter, 32 logic lines & 250 prog. Flags 250 IR codes can be saved Burglar security and Home safety Zone control function.

**Upgrade IO:** 1 x mini USB port (to connect to special programming board)

**Dimensions & Weight:** W 85mm x L 85mm x H 39mm, Packed weight 0.15 kg



### Smart-Bus 6 in 1 Multifunction Sensor (G4) - SB-6in1T-CL

GTIN (UPC-EAN): 0610696254009



**Inputs:** 2-Dry Inputs (Volt Free) +1 PIR 10mX110 degrees , 1 Temperature sensor inbuilt.

NO/NC Internal Assignment enabled.

**Controls:** 1 x Advanced RS485 S-BUS serial port links (screw link) 32 logic lines & 250 prog. Flags Burglar security and Home safety Zone control function.

**Upgrade IO:** 1 x mini USB port (to connect to special programming board)

**Dimensions & Weight:** W 85mm x L 85mm x H 39mm, Packed weight 0.14 kg



### Smart-Bus 5 in 1 Multifunction Sensor (G4) - SB-5in1-CL

GTIN (UPC-EAN): 0610696254016



**Inputs:** 2-Dry Inputs (Volt Free) +1 PIR 10mX110 degrees , NO/NC Internal Assignment enabled.

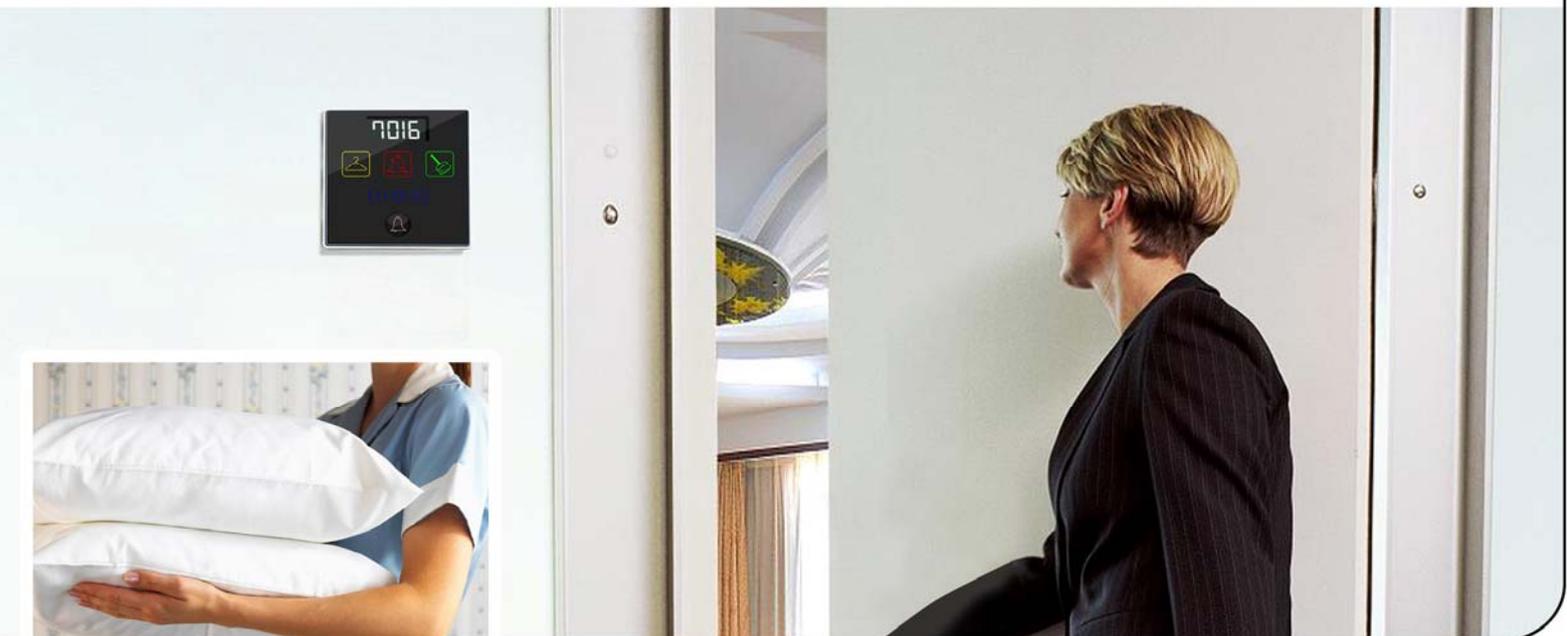
**Controls:** 1 x Advanced RS485 S-BUS serial port links (screw link) 32 logic lines & 250 prog. Flags Burglar security and Home safety Zone control function.

**Upgrade IO:** 1 x mini USB port (to connect to special programming board)

**Dimensions & Weight:** W 85mm x L 85mm x H 39mm Packed weight 0.14 kg



# HOTELIER GRMS



## Smart-Bus Hotel Bell with Access Control (Q4) - SB-3SBXS-WL

GTIN(UPC-EAN): 0610696254337



## Smart-Bus Hotel Door Bell Panel with Service - SB-3SBell-WL

GTIN(UPC-EAN): 0610696254320



## Smart-Bus Hotel Card - SB-3SCARD-WL

GTIN(UPC-EAN): 0610696254351



## Smart-Bus Hotel Bedside Controller - SB-BEDSD-UN

GTIN (UPC-EAN): 0610696254344



### Features

- Momentary Elegant Push Button
- Built-in Time Clock Sync
- Comparison Logic (Room, End Date and Time)
- Access Memory Log (Card + Time Date Stamp)
- Built-in Tag reader, 1-Z, 1 Lock Relay, 1 Bell Relay
- Built-in Tamper Switch
- USB Upgrade and Download Log
- Backup and restore
- Magnet Mount with Security Lockable Screw
- Online/Offline function
- Easy Connector Enabled
- Services: DND, Clean, Laundry



[www.smarthomebus.com](http://www.smarthomebus.com)