SMARTHOMEBUS

G4 Generation-4 SBUS

DIN-Rail Mount Security Monitoring Module. It can Handle and Monitor 250,000 Addressable Zones. Ready with 6 Protection Preset Modes as well as 24 Hour Monitored Zones. It Support up to 8 Different Areas in one Module. Monitoring compatible for both NO/NC, Panic, Entry, Exit with Delay, 1-4Times with exit time restart, SMS and Dial up to 10 Numbers for Each Alarm type at different Shift. Bypass, restore, reset, siren Delay, with Lock all Panels ability. Added function and recorded Alarm History Recall.

technical data **G4**

Security Modes
Arm/Disarm
Vacation, Away, Night, Night with Guest, Day, Off
24 Hours Monitored Zones

Addressable Zones
Up to 250,000 Addressable Zones.

Maximum Areas
Each Module can Handle up to 8 Areas or Buildings

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
· LED status indicator/channel
· Diagnostic LED+ BROADCAST

Programming
· Advanced Software Configuration & Programming

Compliance
CE Mark EMC
ROHs, CPT

Operation Protection
· BUS Rv. Polarity Protection
· BUS Short Circuit Protection

Trigger Delay Time
Configurable Delay as To be Assigned as Entry, Exit, Siren. Delay can be 1 Time, 2 Times, 3 times, or 4Times.

SBUS DC Supply
24VDC with flexible tolerance between 8-36VDC. Flexible ability to add power supply as to be needed any where
Power consumption: 15mA

Installation
· 35mm DIN-Rail Mount Ready
· Wall Mount Ready (4P)

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

Enclosure & Size
Polycarbonate, DIN-rail (4 Unit)

Dimensions & Weight
W 91mm x L 73mm x H 75mm
Packed weight 0.22 kg

SEC compatibility **G4**
· Burglary   · Water Leak   · Gas Leak   · Fire Backup
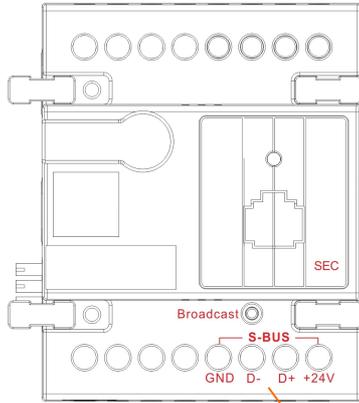· NO/NC   · Logical / BUS Enabled

commercial **G4**
GTIN (UPC-EAN): 0610696254047
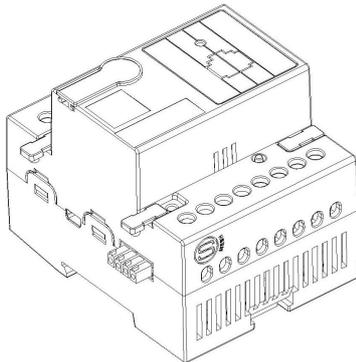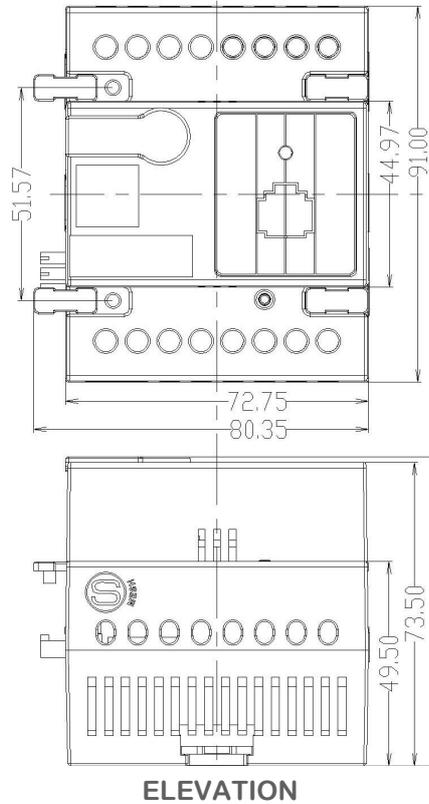Patent P. No: 201110123081.0
Patent No: 201120452441.7

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SB-SEC250K-DN
Security Monitoring Module

connection diagram **G4**

SEC

Broadcast

S-BUS

GND D-   D+ +24V

S.BUS MESH Network

mounting dimensions **G4**

51.57 44.97 91.00

72.75
80.35

73.50
49.50

ELEVATION

PROSPECTIVE
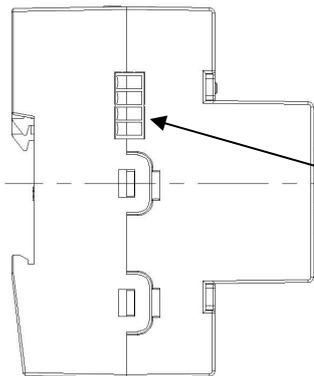
SIDE VIEW

S-BUS connection **G4**
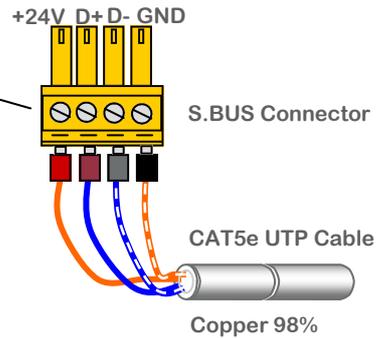
+24V D+ D- GND

S.BUS Connector

CAT5e UTP Cable

Copper 98%

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