Power supply station

Description

Supervised power supply station which can isolate and regenerate the system BUS on two extra BUS branches.

The BUS itself supplies the power supply to these new branches. The power supply is protected by a 1.5 A self-restoring thermal fuse.

The device is completely supervised by the control unit, with information on the BUS state, the power supply voltage and the battery load.

To be associated to one of the two BT-4210 and BT-4211 metal containers.

Front view

Related items

4210   Enclosure with 1.7A power supply for 16 and 16 IP control unit
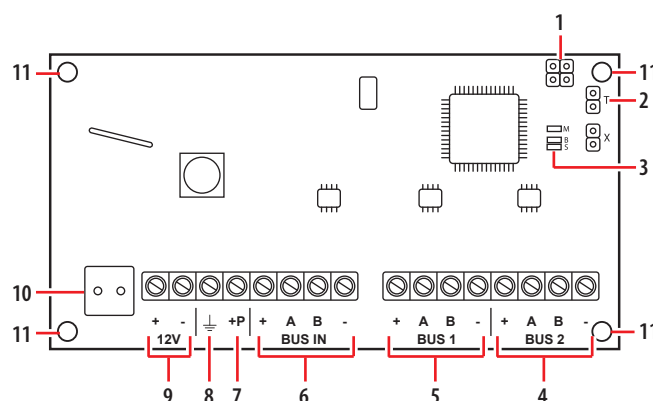4211   Enclosure with 3A power supply for 48 IP and 128 IP control unit

Technical data

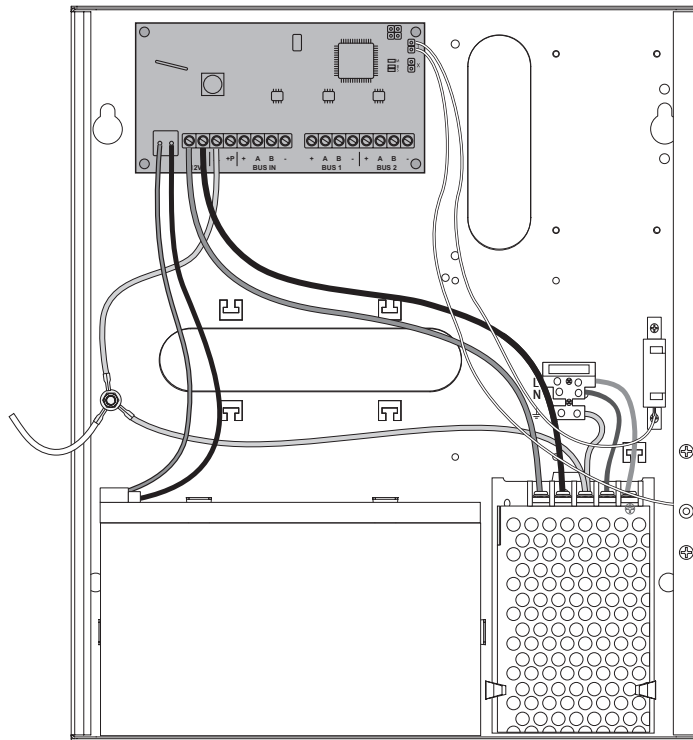|	
Power Supply Range:	12 - 15V cc
Absorption:	50mA stand-by – 950mA max
Maximum available current:	
4210	1.7A
4211	3A
Battery management:	up to 18 Ah
Operating temperature:	5 – 40°C

Dimensional data

Size: 60 x 115 x 20 (H x W x D)

Legend

1. Reserved use
2. Tamper microswitch jumper (to be used to protect the box in which it is installed against opening)
3. Notification LED
   M Power supply state
      ON steady: Properly functioning
      OFF: Power supply fault or AC mains power cut
   B State battery voltage
      ON steady: Properly functioning
      OFF: Fault or battery exhausted
   S System state
      ON steady: Properly functioning
      Blinking: Tampers open and/or BUS IN connection fault
4. Connection clamps (*) to the BUS 2 on the output
5. Connection clamps (*) to the BUS 1 on the output
6. BUS clamps coming from the control unit
7. 12V power supply
8. Earthing
9. Power supply input from power supply box 4210 / 4211
10. Battery connection (refer to the type of box to choose the battery)
11. Fixing holes. Use the spacers supplied for the installation in box 4210/4211 (not supplied).

   Note (*): The clamps are equivalent.

Wiring diagram with box 4210/4211 (not supplied)

Connections between the central unit and the other devices

System central unit

| + | A | B | - |

Note: connect the shielding only to the " – " clamp of the central unit

Cable shielding

Power supply station 4295

To other BUS peripherals

+	-	⏚	+P	+	A	B	+	A	B	-	+	A	B	-
12V				BUS IN			BUS 1				BUS 2			

Keypad 4215

| + | A | B | - |

External siren 4217

| + | A | B | - |