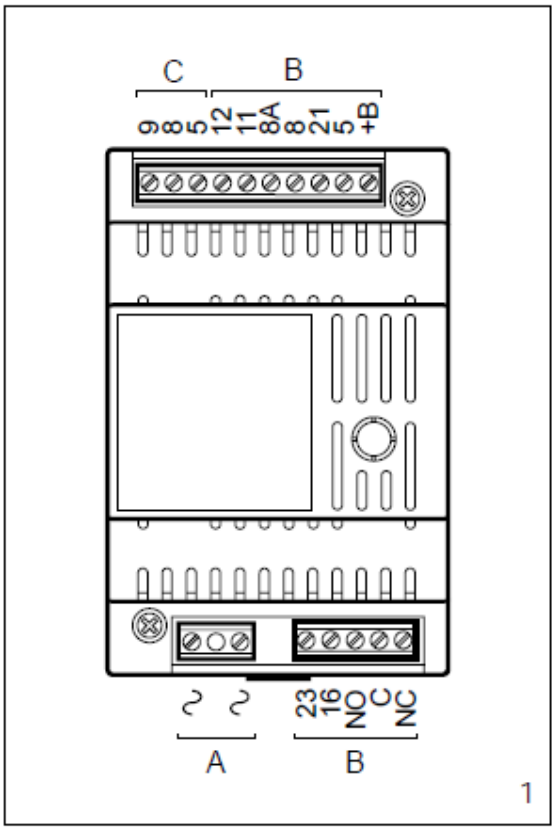
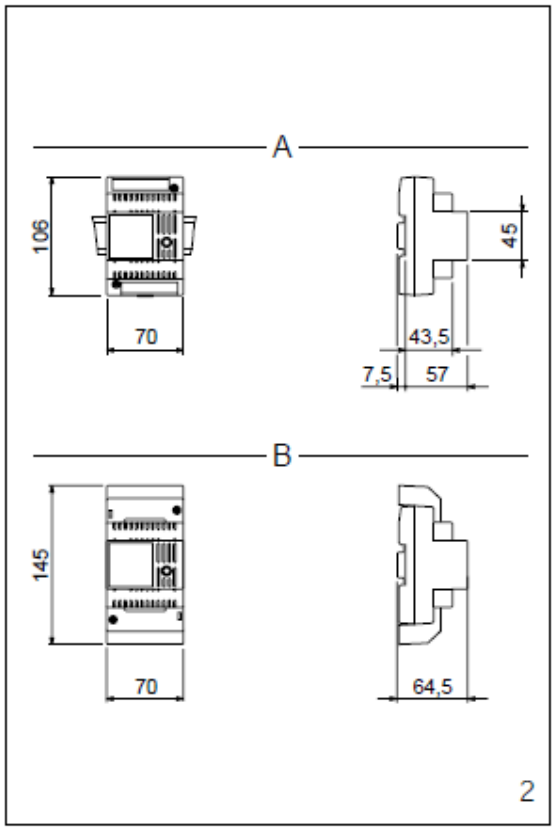
IC-A/200R

Power Supply for Villa System

BPT S.p.A.
30020 Cinto Caomaggiore
Venezia - Italy





INSTALLATION INSTRUCTIONS

A/200R POWER SUPPLIER

- The unit is equipped with a transformer capable of powering the HPC/1 entry panel and max. 20 HPP/6 panels (or MVA/100.01

audio module and max. 20MC call button modules or 10 push-buttons lights, equal to 20 call push-buttons, on AZ entry panels).

- The unit features the following functions:
  - 2 two-tone call notes for entry panels (or for supplementary calls, e. g. Landing calls).
  - Power supply and control of electric door lock (12V AC, 1A) by means of relay (inside the unit).

Function of each terminal, figure 1

- Terminal block A
  ~
  ~ mains

- Terminal block B
  +B :12 V DC input
  5: Ground
  21: 11 V DC output
  8: Call common 1 output
  8A: Call common 2 output
  11: Audio from entry panel
  12: Audio to entry panel
  23 &16: Output 14 V AC
- Relay Contacts:
  NO normally open relay
  C common contacts
  NC normally closed

- Terminal block C
  5: ground
  8: audio to receiver
  9: audio from receiver

Technical features

- Supply voltage: 230 V, 50/60 Hz.
- The transformer is electronically protected against overloading and short circuiting i. e. no fuses are used.
- The unit can be powered from a 12 VDC power supply, e. g. battery or uninterruptable power supply (terminals +B and 5).
  NOTE. The unit has no battery protection.
- Rated power: 15 VA.
- Output voltages:

11 VDC 150 mA (300 mA peak)
14 VAC, 650 mA (1 A in intermittent current).

- Call generator: 2 types of two-tone call (up to 3 internal units can be connected in parallel to the same call).
- Working temperature range: from 0℃ to +35 ℃.
- Dimensions: 4 DIN units module, low profile, figure 2.
- The power supplier can be installed without terminal covers into boxes provided with DIN rail (EN 50022). Dimensions are shown in figure 2A.
- It can also be surface mounted, using the DIN rail supplied, but fitted with terminal covers. Dimensions are shown in figure 2B.
  NOTE. The transformer primary is electronically protected against Overloading and short circuiting i. e. no fuses are used.
  Procedure to reset a triggered circuit:
  - Disconnect the mains from the unit.
  - Remove the cause of malfunction.
  - Let the equipment to cool for at least 1minute.
  - Reconnect the mains to the unit.