



PRODUCT DATASHEET

AL1240SB2 POWER SUPPLY

Highlights

PROTECTED HARDWARE

The module is protected against connection errors, short circuit, overvoltage and reverse polarity.

DEFAULT MONITORING

3 defaults (power supply, output and battery) are :

- Signalled by 3 LEDs directly on the power supply
- Available on an output terminal block that can be connected to TILLYS NG inputs.
- Available on another output terminal block for the optional kit consisting of a ribbon and an indicator bracket to remotely display on the front of the TIL's COF04-B and COF08-B boxes.

Main features

- 2 outputs protected by resettable fuse.
- 1 battery output protected by push-in type automotive fuses
- Voltage 4A output with maximum 2A per output.
- Microswitches allow adjustment of the full charge to 0.5 A, 1 A, 1.5 A or 2 A.



Protected power supply

TIL's 220V AC-13,6 V DC power supply charger allows control and charging of a battery.

Protected against short circuit, overvoltage and reverse polarity, the AL1240SB2 is a module which can be snapped onto a DIN rail. Designed in compliance with standards, it offers a wide range of use and guarantees high reliability and good performance at all operating temperatures.

Monitoring is numerous and the defects are indicated by 3 LEDs:

- Mains faults : absence of the 220V.
- output fault : no voltage (on each output), low output voltage, out of order fuse
- Battery fault : presence check, voltage too low (anti-deep discharge), impedance too high (battery no longer holding the charge).

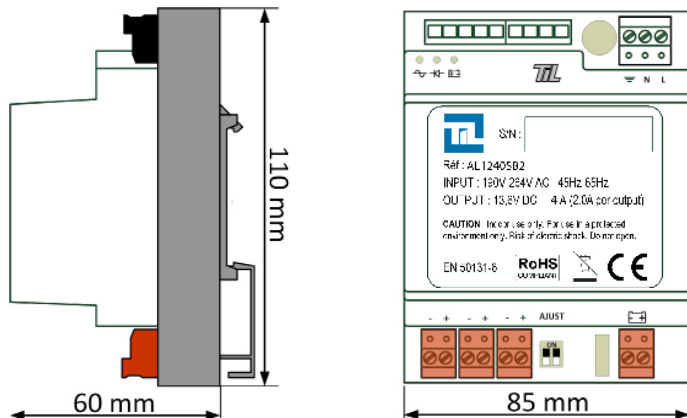
INTEGRATED ACCESS CONTROL SYSTEM

CONTROL UNITS	SPECIALISED MODULES	POWER SUPPLIES & BATTERIES	RADARS AND SENSORS	READERS

AL1240SB2 POWER SUPPLY

Dimensions

Front and side views



Product references

Power supply charger

- AL1240SB2 : power supply charger, fuse-protected, with light signal, 220 V AC / 13,6 V DC - 4A, DIN rail mount

Options

- COF04-B-AFF1 : Light signal with LED on the front panel for AL1240SB2 power supply on COF04-B case
- COF08-B-AFF1 : Light signal with LED on the front panel for AL1240SB2 power supply on COF08-B case

Technical details

- **Input voltage** : 190 to 264 V - 45Hz to 65Hz
- **Output voltage** : 4 A@ 13,6V DC (2 A max per output)
- **Battery capacity** : 6 Ah to 65 Ah
- **Dimensions** : H110 x L85 x P60 mm (70 mm with DIN rail bracket fixation)
- **Fixation** : Snap-on mounting DIN rail
- **Connections** : Screw terminal
 - » 1 power input connector
 - » 2 outputs protected by resettable fuse
 - » 1 battery output protected by push-in type automotive fuses
- **Operating humidity level** : 20-95%
- **Operating temperature** : -10°C to +55°C
- **MTBF** : 200 000 h at 25°C outside average temperature
- **Weight** : 0,300 kg

Standards and certifications

- **Intrusion**
EN 50131-6 (April 2008) grade 3, type A : Intrusion and hold up alarm systems / Part 6 : Power supply.
- **Safety**
NF EN 60950-1 (September 2006) : Safety of Information Technology including the necessary office equipment, type TBTS. UL1950 for components.
- **Immunity**
NF EN 61000-6-1 (March 2007) : Generic standards - Immunity for residential, commercial and light-industrial environments.
NF EN 61000-6-2 (January 2006) : Generic standards - Immunity for industrial environments.
- **Emissions**
NF EN 61000-3-2 (August 2006) (type A) : Limits for harmonic current emissions (equipment input current \leq 16 A per phase).
NF EN 61000-6-3 (March 2007) : Generic standards - Emissions for residential, commercial and light-industrial environments.
NF EN 61000-6-4 (March 2007) : Generic standards - Emissions for industrial environments.
NF EN 55022 (March 2007) + A1 (May 2008) (type B) : Conducted and radiated radioelectric disturbances

Sales Contact : sales@hirschsecure.com