

TECHNICAL DATASHEET

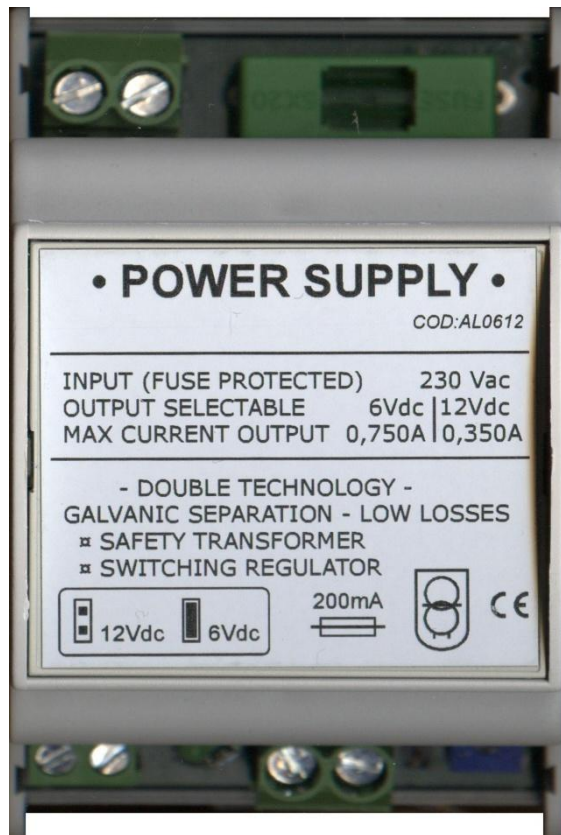
POWER SUPPLY AL0612

0.7A-06Vdc

0.35A-12Vdc

DOUBLE TECHNOLOGY

- **SAFETY TRANSFORMER** → **GALVANIC INSULATION**
- **SWITCHING TECHNOLOGY** → **HIGH PERFORMANCE**



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Technical features

INPUT RANGE (MIN <-> MAX) : **210 ~ 250Vac** **50-60 Hz**

OUTPUT RANGE : **unselected -> 12Vdc**
(selectable by jumper) : **selected -> 24Vdc**

OUTPUT VOLTAGE "A" (*) : **12Vdc or 6Vdc - 0.75Adc or 0.35Adc**
Internal current limit protection.

OUTPUT VOLTAGE "B" (*) : **12Vdc or 6Vdc - 0.75Adc or 0.35Adc**
Internal current limit protection and Internal thermal shutdown function

INSULATION VOLTAGE : **IN <-> OUT 4000 Vdc**

TEMPERATURE : **-5 / +55 °C**

MECHANICAL : **3 DIN RAIL**

WEIGHT : **0.27 Kg**

Prestazioni del prodotto

- Insulation guaranteed by a resined and approved **SafetyTransformer**
- Switching technology (Energy saving)

STANDARD:

- **Safety** : **CEI EN 61010-1 CAT II**
- **Emc (immunity)** : **CEI EN 61000-6-2**
- **Emc (emission)** : **CEI EN 61000-6-4**
- **Trasformer** : **EN60950 (Safety Transformer)**

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General Requirements

This power supply can be installed only in enclosed electrical panels having cover or door.

At least 3cm of space on upper and lower sides of the power supply is required for adequate heat dispersion and free airflow.

200mA fuse is inside then power supply (230Vac side).

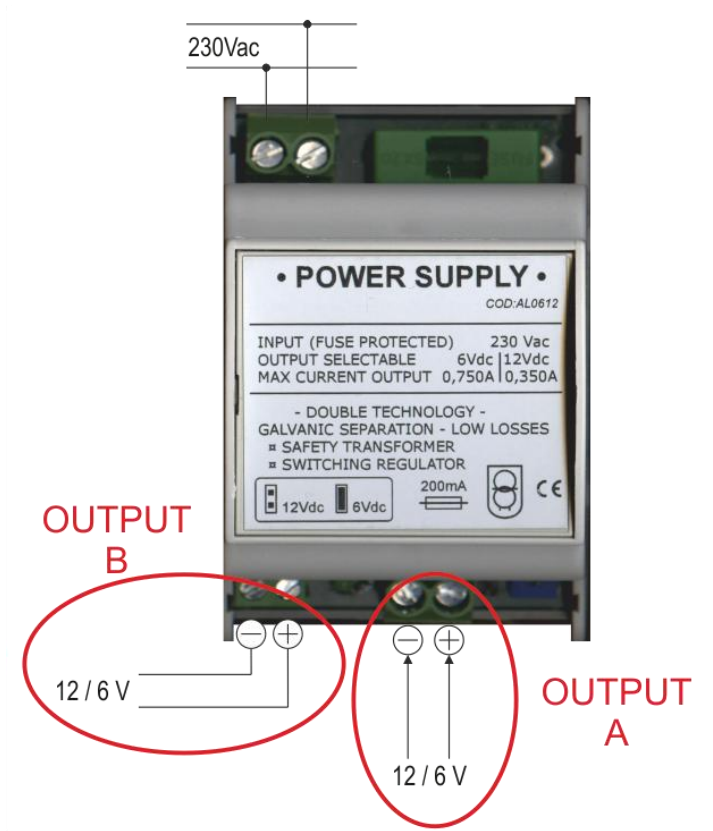
Safety transformer



Insulation transformer intended to supply low voltage safety circuits (≤ 50 Volt load). Accidental contact on two phases of the secondary can be endured without any danger to humans. The insulation class of a transformer depends on the protection against direct and indirect contacts (the classification is not referred to the system of insulation between primary and secondary windings).

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CONNECTIONS



FRONT VIEW

• POWER SUPPLY •
COD:AL0612

INPUT (FUSE PROTECTED) 230 Vac
OUTPUT SELECTABLE 6Vdc | 12Vdc
MAX CURRENT OUTPUT 0,750A | 0,350A

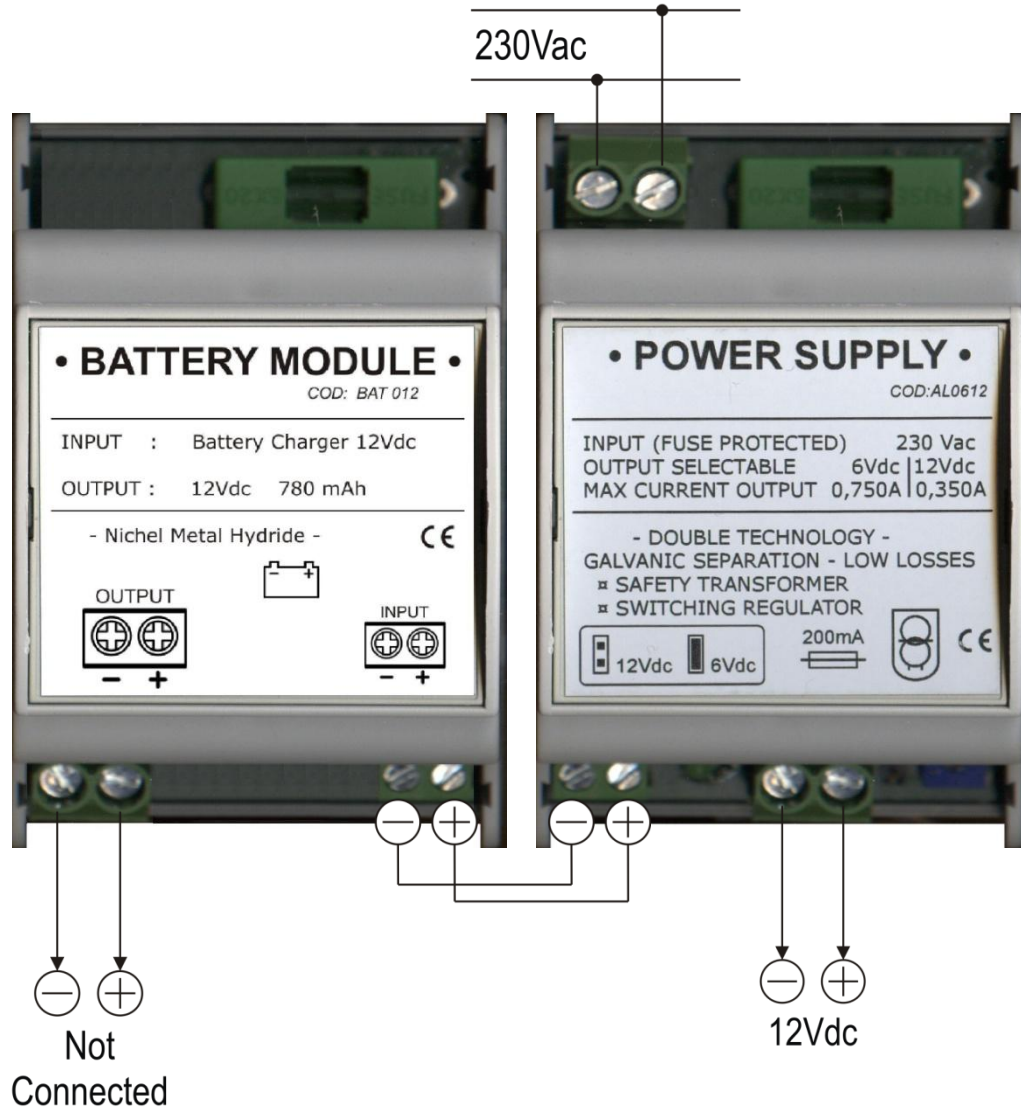
- DOUBLE TECHNOLOGY -
GALVANIC SEPARATION - LOW LOSSES
▪ SAFETY TRANSFORMER
▪ SWITCHING REGULATOR

12Vdc 6Vdc 200mA CE

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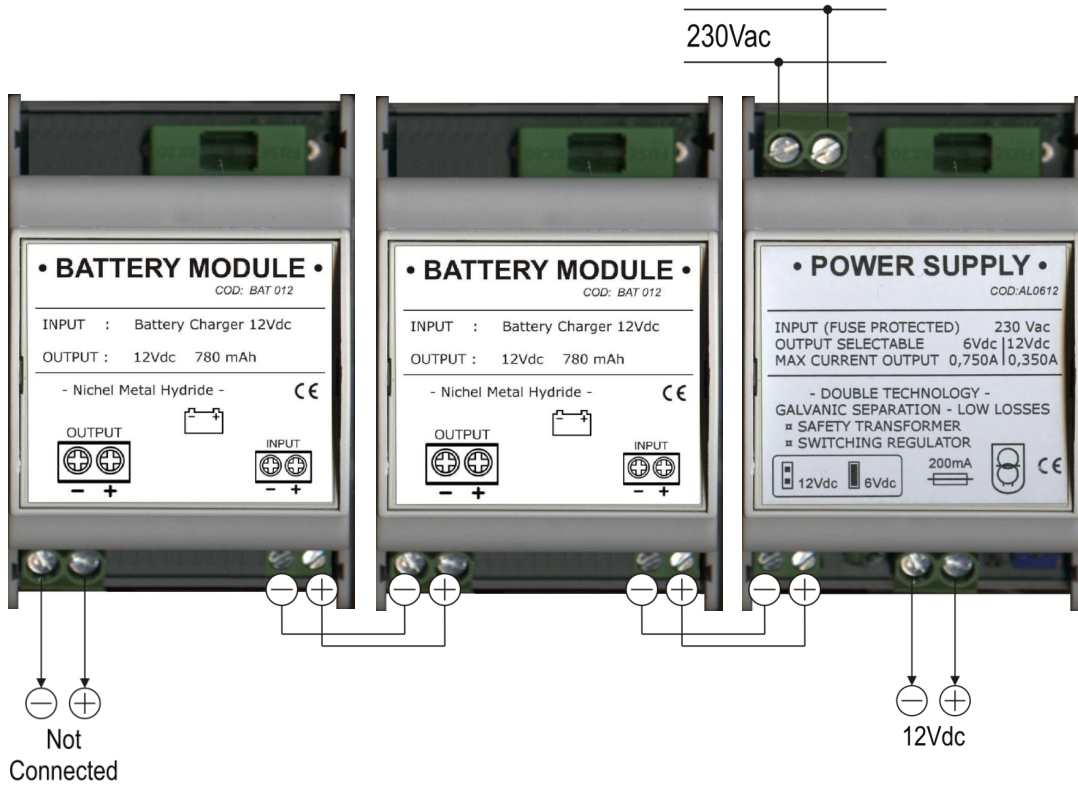
CONNECTION WITH BACKUP SYSTEM BAT012

EXAMPLE 1: AL0612 12VDC WITH ONE BAT012 MODULE



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EXAMPLE 2: AL0612 12VDC WITH TWO BAT012 MODULES



EXAMPLE 3: AL0612 12VDC WITH A 12V 1.3Ah LEAD BATTERY

