

PROFIBUS INTERFACE PROFI232 rel. 53160501



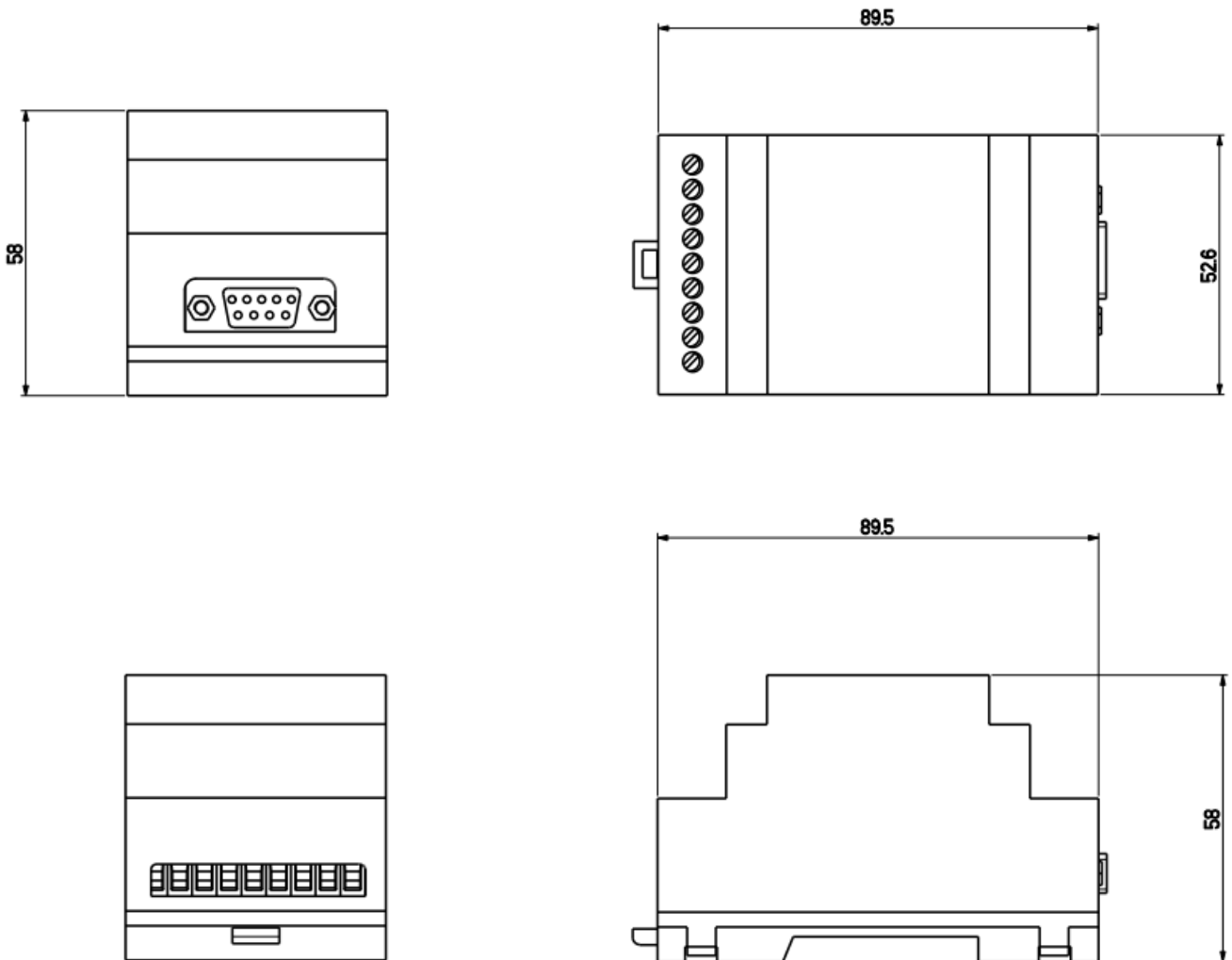
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1. MAIN TECHNICAL SPECIFICATIONS

POWER SUPPLY	12÷24 Vdc on terminal board or 5Vdc on internal AMP connector
ABSORPTION	max 0,5 A
SERIAL	RS232 on terminal board and internal AMP connector
FIELDBUS	PROFIBUS-DP, female 9 pins connector
CASE	Plastic console suitable for mounting on DIN bar or on the wall.
BOARD DIMENSION	50x87mm

2. DIMENSIONS



3. EARTHING MODULE

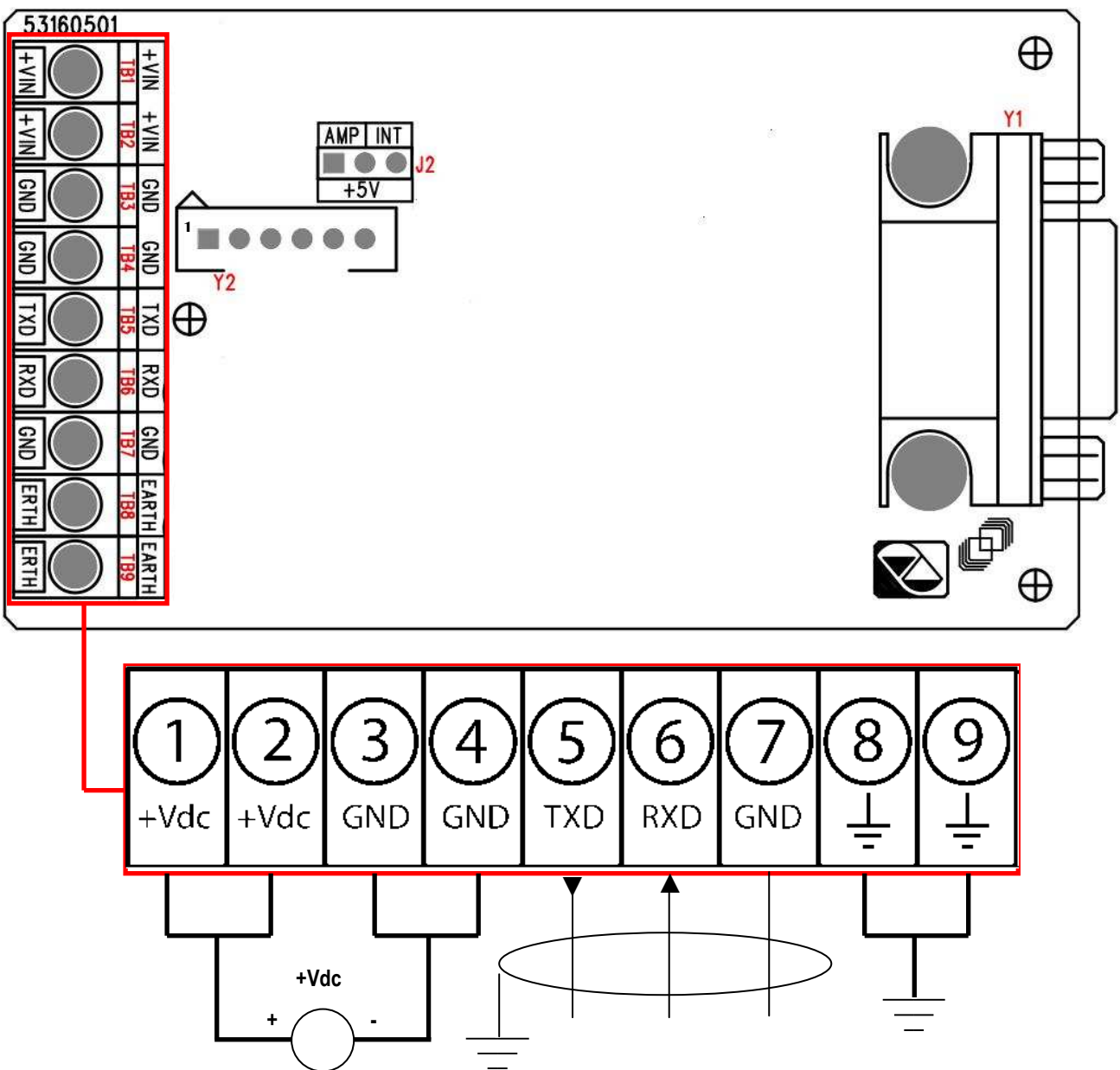
For the right earthing and the optimal functioning of the module, connect itself to the earth through copper cables having at least a 16 mm² cross-section.

To avoid possible side effects, the earth references of the connection and power supply cable of the indicator and of the connected instrument must be at the same potential.

GENERAL NOTES:

- Use Earth plate of suitable length, in order to obtain a total resistance of earthing plant lower than 1 Ω.
- One should check and remove, if necessary, the connection between the earth and the neutral wire of the electrical installation.

4. CONNECTION SCHEMES



MEANING OF MOTHER BOARD TERMINAL BOARDS AND JUMPER

12÷24 Vdc POWER SUPPLY

1/2 (+Vdc) +12÷24 Vdc

3/4 (GND) 0Vdc (GND)

Note: the +Vdc power supply can be supplied either on the 1 or 2 clamp, and the GND on the 3 and 4 clamp.

RS232 SERIAL

5 (TXD) TX

6 (RXD) RX

7 (GND) GND

EARTHING

8/9 (ERTH) EARTH

Note: the earth cable can be connected either on the 8 or 9 clamp.

Y2 AMP

1 RX

2 TX

4 +5Vdc

6 GND

J2 JUMPER

- INT if the power supply is supplied from the terminal board.
- AMP if the power supply is supplied from the Y2 AMP connector.

MEANING OF DB9 PROFIBUS CONNECTOR (Y1)

