

## Analog Output Unit AO210 and 200C-OE4

AO210 and 200C-OE4 is an I/O unit for 4 analog single-ended output signals. The outputs are low-pass filtered, galvanically isolated from the serial bus by optocouplers and share a common ground connection. The internal logic requires an external +24 V DC power supply.

A common LED indicates correct operation with a green light and failures with red, see page 80.

The output current range 4–20 mA or 0–20 mA is set in the programming software individually for each output.

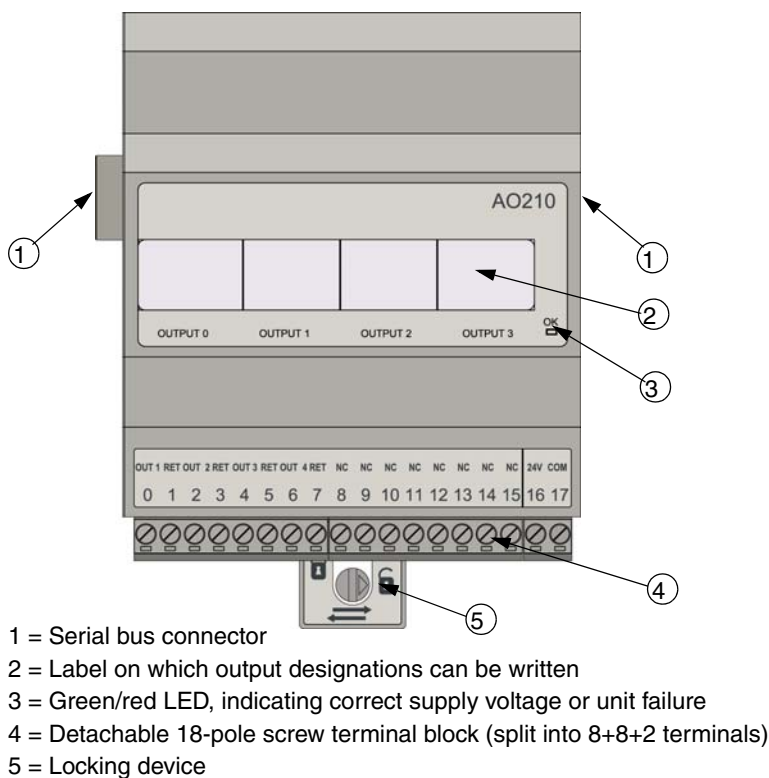


Figure 39. Analog output unit AO210 and 200C-OE4



Since the internal logic is supplied from an external +24 V power supply, the unit appears non-existent from the adapter or controller if the power is lacking. Lacking power also forces the outputs to 0 mA.

The unit is not damaged if the power supply polarity is reversed.

### Functional Block Diagram

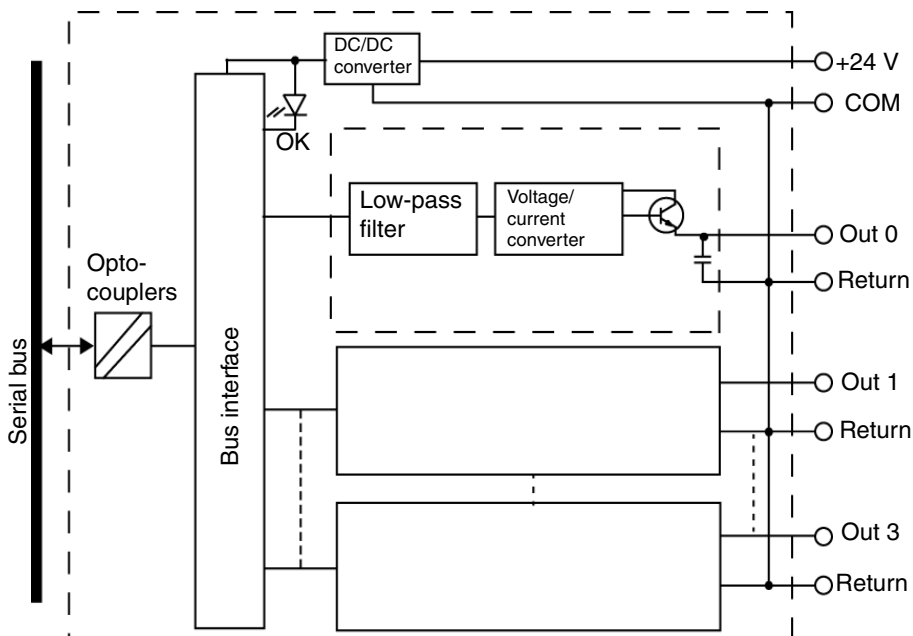


Figure 40. AO210 and 200C-OE4 functional block diagram

**AO210 and 200C-OE4 Connections**

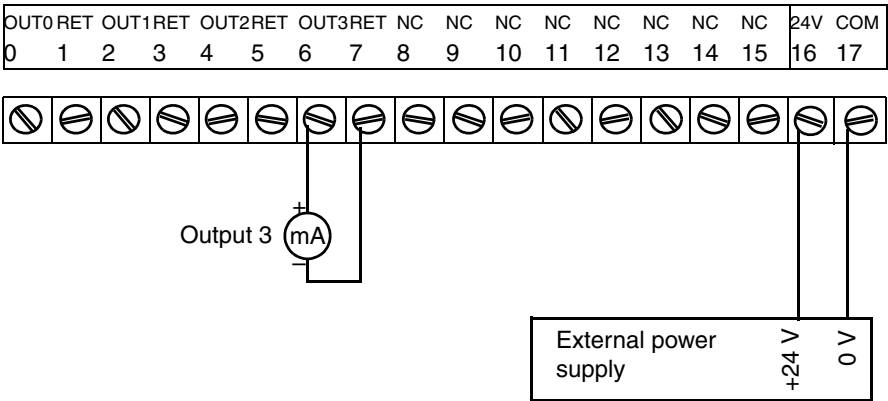


Figure 41. AO210 and 200C-OE4 connections