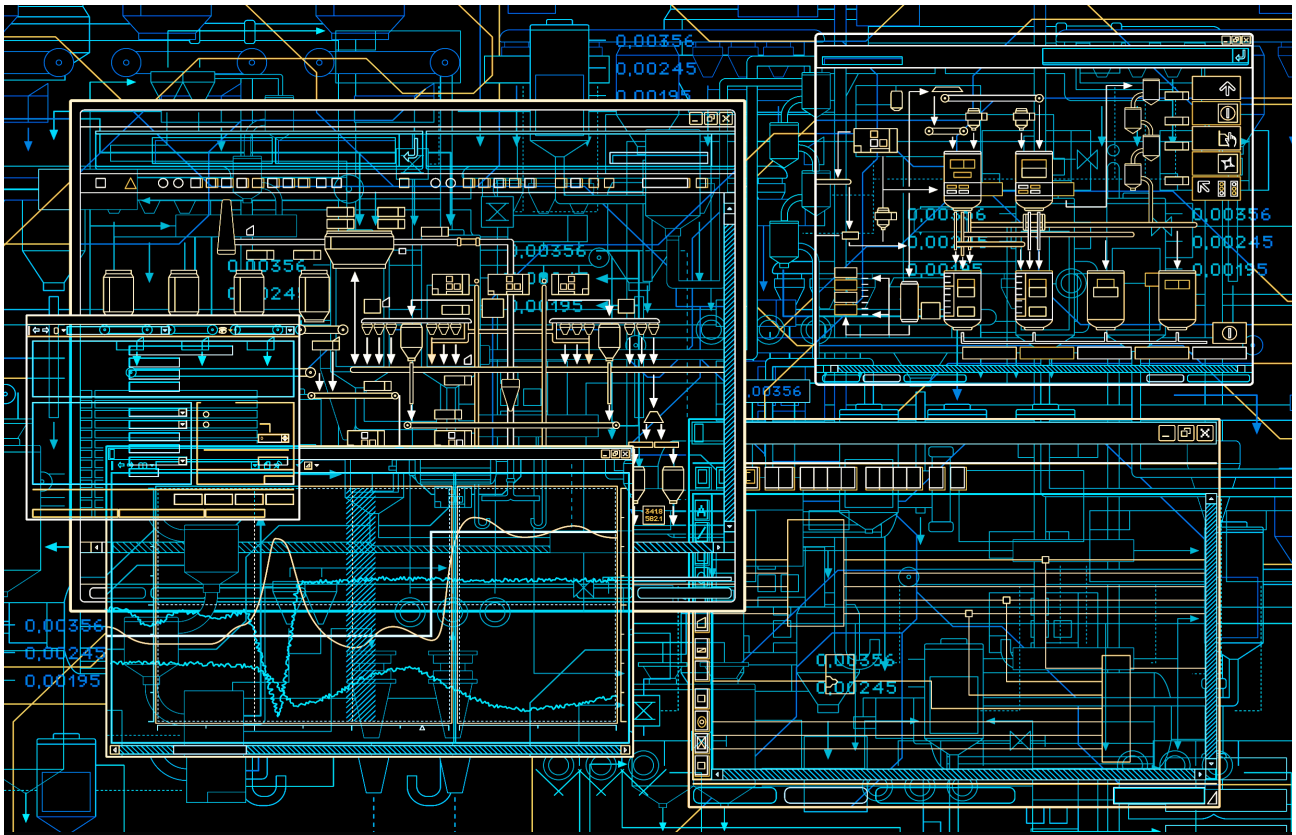


S200 I/O

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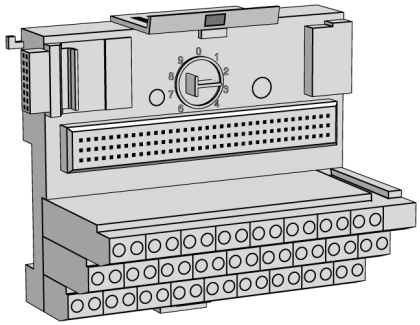
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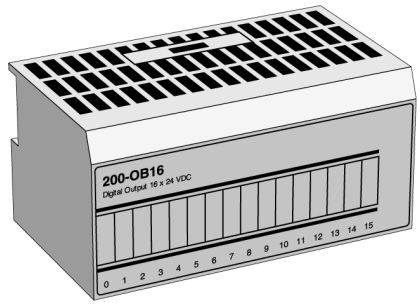
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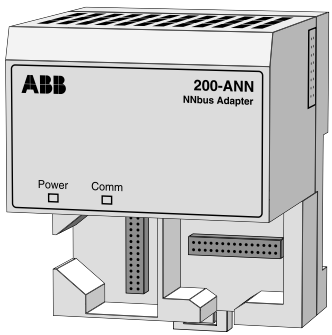
Terminal base units:

200-TB3, 200-TB2, 200-TBN etc.



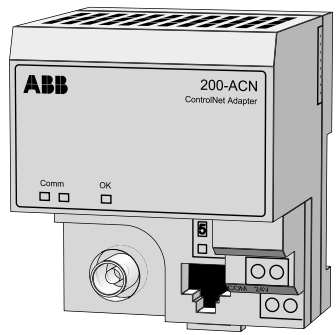
I/O units:

200-IB16, 200-OB16, 200-IE8, etc.



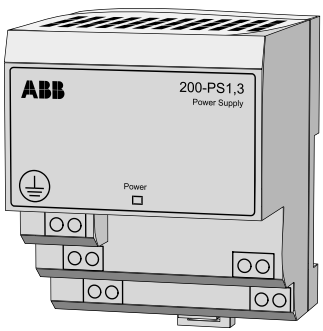
Adapter for central I/O:

200-ANN, 200-AIO

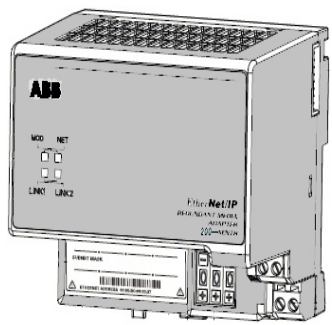


Adapters for remote I/O:

200-ACN, 200-APB12



Power supply:



Adapters for EtherNetI/P:

200-AENTR

Figure 2. The basic components of the I/O system.

Connecting the Power Supply Cables

Connect a 24 V DC power supply to the I/O units requiring 24 V DC. Digital and analog I/O units should always be separated by a power-line filter, see Section 3, General Installation Instructions.

Separate wires can be used for each I/O unit or the wires can be chained if the total current for all I/O units does not exceed the maximum current for the cables or screw terminals. See figure.

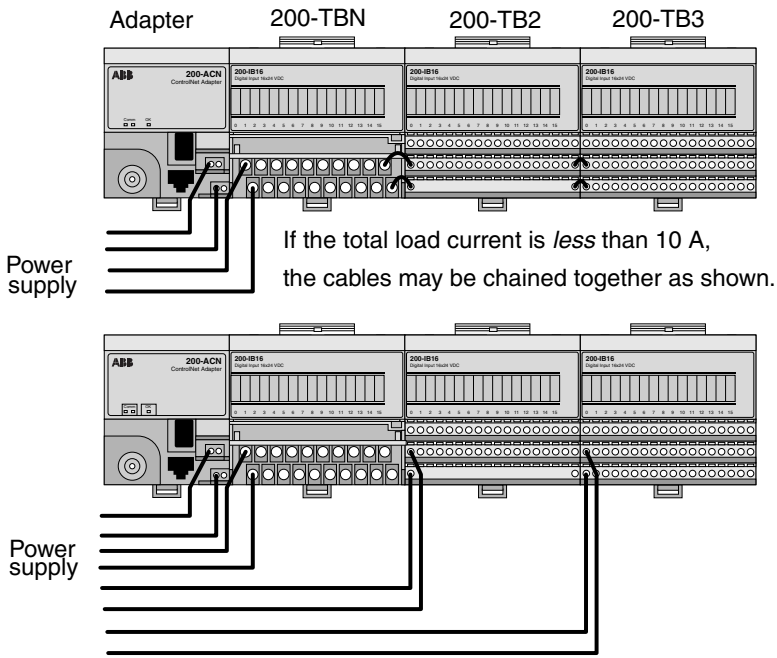


Figure 5. Chained and individual power supply.

Using 200-PS1.3 to Supply the Remote I/O System

If 200-PS1.3 is used to supply the remote I/O system the following applies.

Connecting the power supply cables

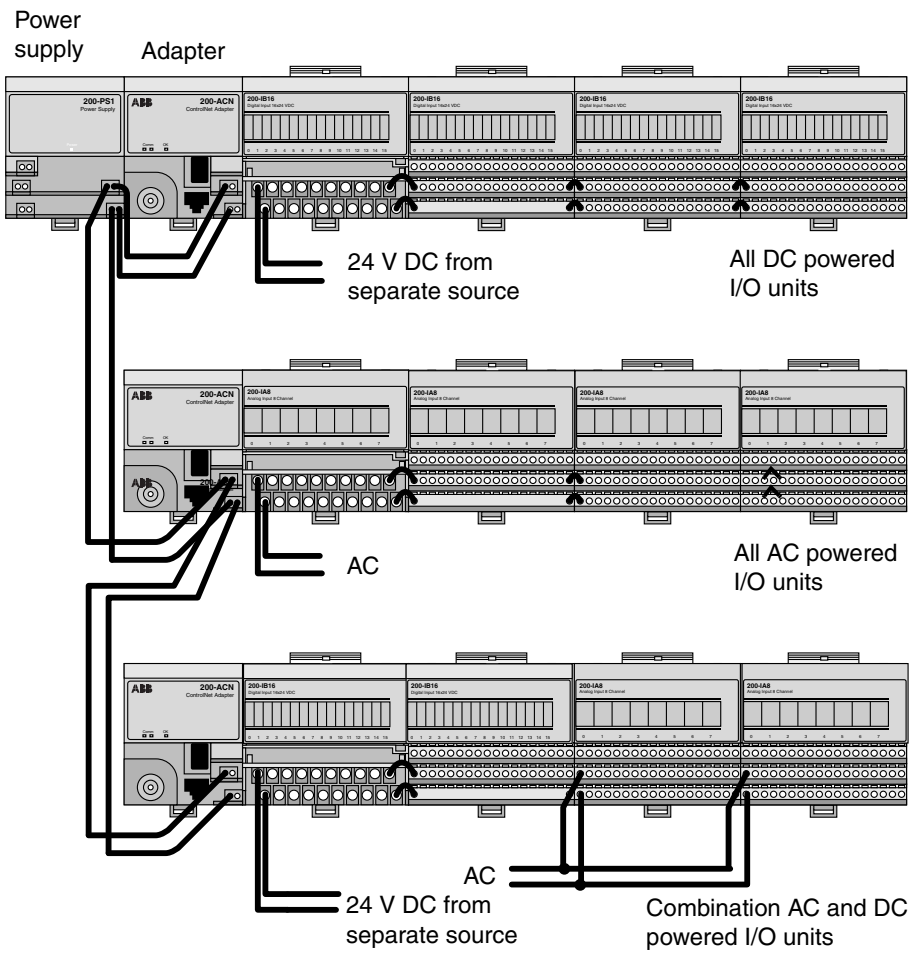


Figure 6. Example of using a 200-PS1.3 Power supply to power 3 adapters in a remote I/O system.

Section 5 Functional Description

This section describes the function of the terminal base units, I/O units and accessories. Remember to check that your controller software allows you to use the functions described.

Terminal Base Unit Overview

The following table shows which terminal base unit meet various application needs.

Terminal base unit	Purpose
200-TB2	Primarily intended for use with input units when using 2-wire inputs/outputs.
200-TB3	Primarily intended for use with input units when using 3-wire input proximity switches – can also be used with output units.
200-TB3S	A spring clamp version of the cage clamp 200-TB3 above – provides faster, simpler wire installation.
200-TB32	Required with the 200-IB32, 200-OB32P and 200-IB16xOB16P units.
200-TB3T	Required with the 200-IT8 unit – also provides chassis ground connections for the 200-IR8 and analog units.
200-TBN	Provides screw terminals to accept larger gauge wires plus cover for I/O wiring.
200-TBNF	Provides 8 5x20 mm fuses, screw terminals, plus a cover for I/O wiring – shipped with fuses for the 200-OA8 and 200-OM8 units, can be used for the 200-OW8 unit (see 200-OW8 installation instructions).