

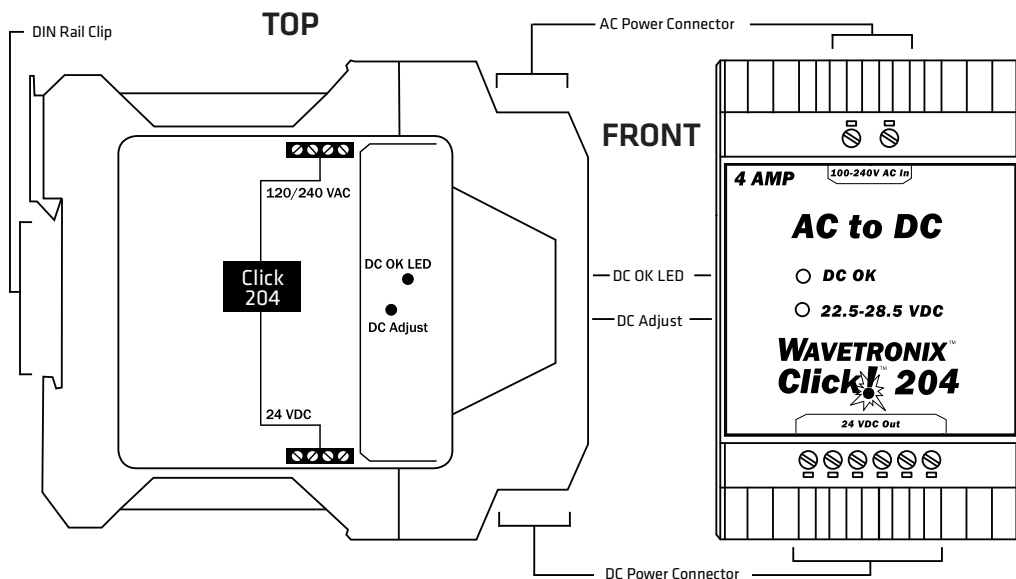
Click 204 modules are 120–240 VAC to 24 VDC power supplies. One of these modules should be used as part of the power plant, providing reliable DC power to the rest of the cabinet, unless a Click 203 is used.

A Click 204 provides 4 A of power and is capable of powering four Wavetronix SmartSensors.



Physical Features

Click 204 modules have the following physical features.



Click 204 modules are wired through the pluggable screw terminal blocks on the top and bottom of each module. The top block has two screw terminal connections for wiring AC in. DC out is wired through the bottom of the module. The Click 204 also has one screw terminal block on the bottom of the module. The screw terminal blocks are red-keyed, allowing them to plug only into their proper slots.

Click 204 modules also have a green activity indicator light marked DC OK on the faceplate. This light glows steadily when the module is working properly, but will go out if the power supply is interrupted or if the DC connection is shorted.

Finally, the device also has a potentiometer, marked “22.5–28.5 V DC,” located on the faceplate next to the LED. This can be used to set the DC output voltage. Insert a small screwdriver into the hole and twist clockwise to raise the voltage and counterclockwise to lower it. Voltages from 22.5–28.5 VDC are allowed. Change this setting only if instructed to do so by Wavetronix Support.

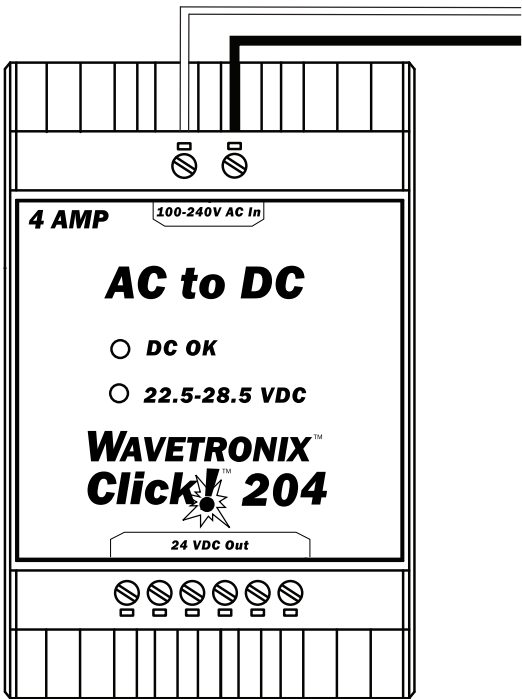
Installation

The Click 204 device is wired through the pluggable screw terminal blocks located on the tops and bottoms of the modules. Refer to the tables and figures below to correctly wire the Click 204.

Note. *Ensure power to AC mains is disconnected while wiring the AC input.*

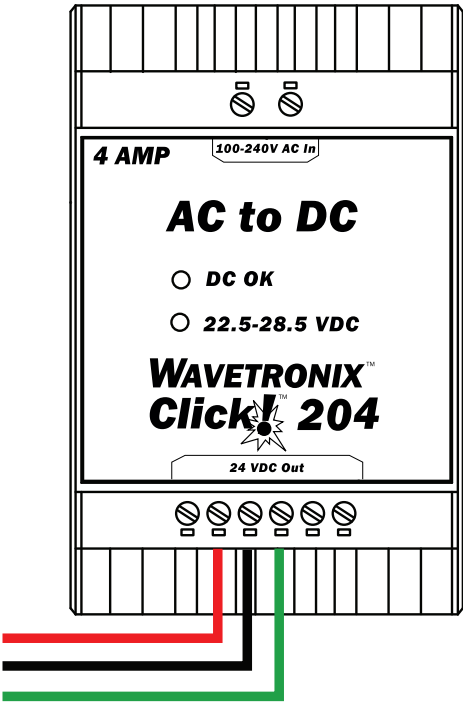
Wiring AC power into the Click 204

	Click 204 AC In
Line (black)	L
Neutral (white)	N



Wiring DC Power out of the Click 204

	Click 202/204 DC Out
+DC (red)	L
-DC (black)	N
GND (ground)	GND



Note. Do not wire out of the DC OK terminal; it supplies only 20 mA and should only be used to monitor the status of the power supply.

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