WAVETRONIX 330 Ethernet Switch User Guide

Click 330 Ethernet Switch
QUICK START GUIDE

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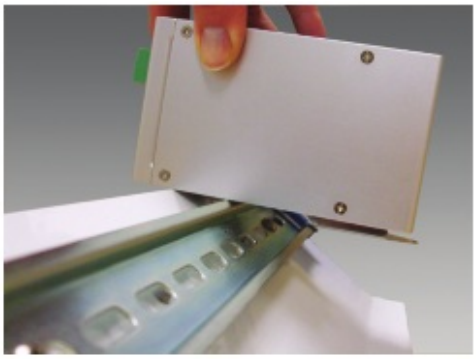
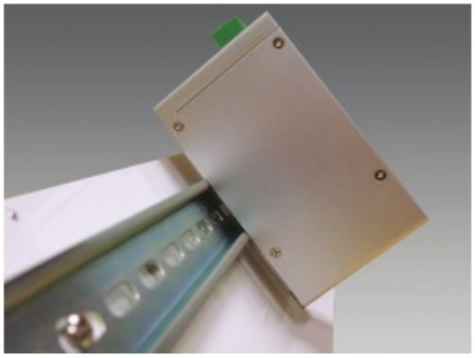
330 Ethernet Switch

The Click 330 is used for quick and cost-effective Ethernet network expansion at the field level. The RJ-45 ports offer auto-crossing and auto-negotiation functionality. For more information about this product, visit wavetronix.com.

Mount the device

The Click 330 mounts on a DIN rail. To mount, simply hook the lip over the lower edge of the DIN rail, and use a rocking motion to snap the module into place.
Note. Do not mount over the T-bus.



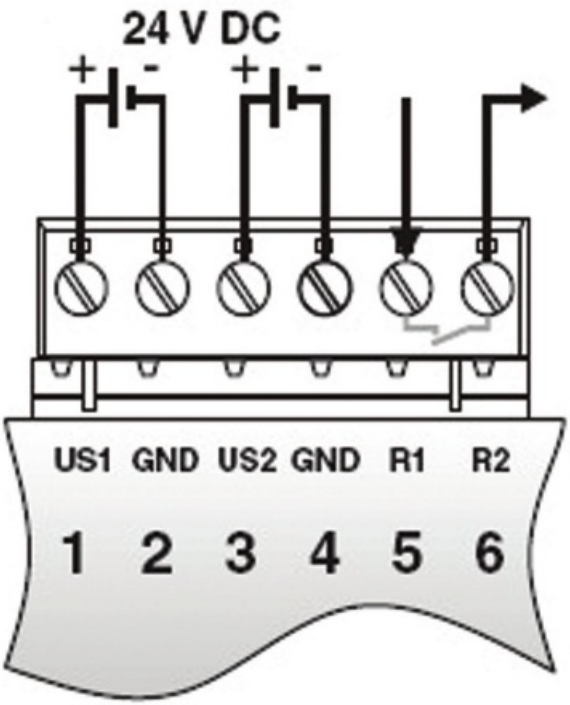


Wire power

Unlike many other Click devices, the Click 330 does not mount over the T-bus, meaning that power and communications will have to be wired in into the device's six screw terminals. The first four screw terminals, marked US1, GND, US2 and GND, are for wiring power. (The other two, which are labeled R1 and R2, are for security and unctionality alarm purposes.)

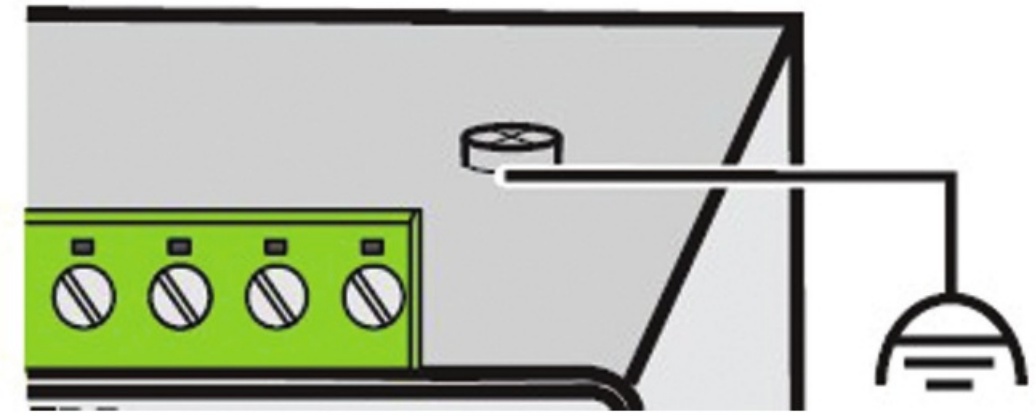
1. Attach the device to a location on the DIN rail that is not over a T-bus.
2. Attach a wire for +DC (red is standard) to the screw terminal marked US1.
3. Attach a wire for -DC (black is standard) to the first screw terminal marked GND.
4. Attach the other ends of these two wires to a DC power source.

Note. US2 and the second GND are for wiring in a redundant power supply, if you'd like to use one.



Ground the device

The device has a grounding foot, so as long as the DIN rail is properly grounded, the device will be grounded as well.
However, for additional protection, the switch can be grounded via an eyelet ring on the top of the device.



Wire communication

Attach Ethernet cables to the RJ-45 jacks on the Click 330.

Monitor LEDs

The Click 330 has two different kinds of LEDs.

- At the top of each device are two green LEDs labeled US1 and US2, used for monitoring the power supply. US1 monitors the first power supply (the one using the screw terminal marked US1) and US2 monitors the second (redundant) power supply.

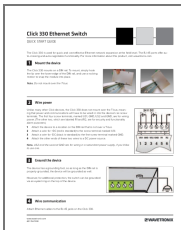
Status	Meaning
On	Supply voltage is in an acceptable range
Off	Supply voltage is too low

- Each Ethernet port has two LEDs that show the data transmission speed of that port, as shown in the table below. These LEDs are labeled 100/ACT and 1000/ACT. If the LED is on, there is an electrical link. If the LED blinks, there is currently network traffic at that speed.

LED	10 Mbps	100 Mbps
100/ACT	On or blinking	On or blinking
1000/ACT	On or blinking	Off

WX-500-0196

Documents / Resources

	WAVETRONIX 330 Ethernet Switch [pdf] User Guide 330, Ethernet Switch, 330 Ethernet Switch, Switch

References

- Wavetronix
- Wavetronix