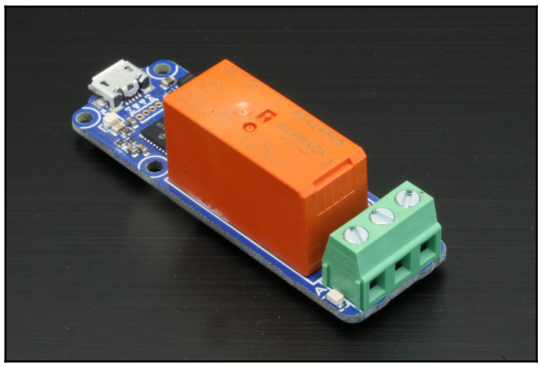
Yocto-LatchedRelay



The Yocto-LatchedRelay device contains a USB-driven latching relay switch: you can drive by software the relay input to one of the two outputs. To make it easier to test your project, two leds positioned on each side of the connector show the output currently active.

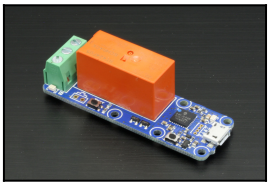
Being latched, the relay keeps its state even when the device is not powered. The Yocto-LatchedRelay also features a button and an input allowing to manually switch the relay.

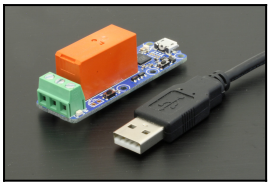
The relay and the connector can stand a current of 8A. Be aware that using a relay to drive inductive loads (motors, transformers) may lead to accelerated aging of the relay. Please refer to the documentation for hints on reducing this type of problems.

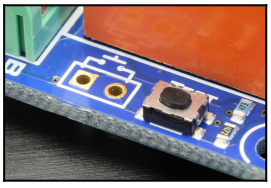
Specifications

Product ID	YLTCHRL1
USB connector	micro-B
Width	20 mm
Length	60 mm
Weight	21 g
Channels	1
Max switching current	8 A
Max switching power	500 VA
Max working voltage	60 V DC
IEC protection class	class III
USB insulation, dielectric strength (1 min.)	1 kV
Normal operating temperature	5...40 °C
Extended operating temperature‡	-30...85 °C
RoHS compliance	RoHS III (2011/65/UE+2015/863)
USB Vendor ID	0x24E0
USB Device ID	0x0032
Harmonized tariff code	8542.3190
Made in	Switzerland

‡ The extended temperature range is defined based on components specifications and has been tested during a limited duration (1h). When using the device in harsh environments for a long period of time, we strongly advise to run extensive tests before going to production.







For more information: www.yoctopuce.com/EN/products/yocto-latchedrelay