Both inputs are coming from the rear light unit via a multi-core cable routed from the rear of the bike to the handlebars. The two outputs are routed from the control box to the rear light unit via the same cable. Q VBATT V_BATT O TP3 LEFT_TURN_EN O TP4 RIGHT_TURN_EN Conn_01x04_Socket >-GND right angle JST > 4 GND Both turn signal switches are normally tied to ground when they are not pressed. When one is pressed, the corresponding turn signal enable signal will be tied to power until the switch is pressed again. This will also power the corresponding yellow LED on the control box to indicate to the user that the turn signal is currently on. D1 D2 R1 R2 LED LED 120 120 SW1 SW2 SW_SPDT SW_SPDT V_BATT V_BATT LEFT_TURN_EN RIGHT_TURN_EN GND GND

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Title: FahrradTech Rear Lights Unit Control Box

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