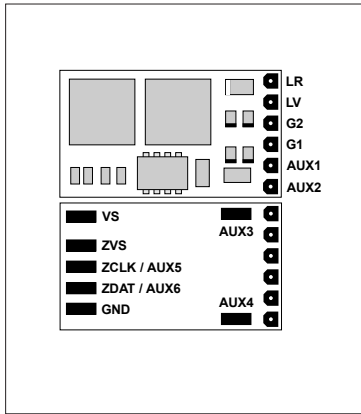




Doehler & Haass

FH05B 2nd Generation



Specifications (2 nd generation)	FH05B
Dimensions [mm]	13,4 x 7,8 x 1,7
Total load	0,5 A
Maximum operating voltage	30 V
Function outputs for light: LV, LR (dimmmable)	each 150 mA
Function outputs: AUX1, AUX2 (dimmmable)	each 300 mA
Function outputs: AUX3, AUX4, AUX5, AUX6 With SUSI interface (if AUX5/AUX6 deactivated)	unamplified *) X
Connecting options	
Without connection wires	FH05B-0
With ribbon cable for interface per NEM651	FH05B-1
With connection wires	FH05B-3

Pin assignment

- G1, G2** Track connection 1, 2
- LV, LR** Front light, rear light (each 150 mA)
- AUX1, AUX2**.. Additional function 1, 2 (each 300 mA)
- AUX3, AUX4**.. Unamplified function 3, 4 *)
- VS**..... Supply voltage
- ZVS** SUSI supply voltage
- ZCLK/AUX5**... SUSI clock (or AUX5 unamplified) *)
- ZDAT/AUX6**... SUSI data (or AUX6 unamplified) *)
- GND** Ground (0 V)

*) Unamplified function outputs

Because the function outputs (logic level 0 V – 5 V, max. 20 mA), which may be unamplified, cannot switch larger loads, switching amplifiers (MOSFET, bipolar transistors or similar) must be provided for loads that require either a higher supply voltage (> 5 V) or a higher current (> 20 mA).

If necessary: Connect blue wire (common return conductor) to VS.
You can connect a buffer capacitor to ZVS (+) and GND (-).

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