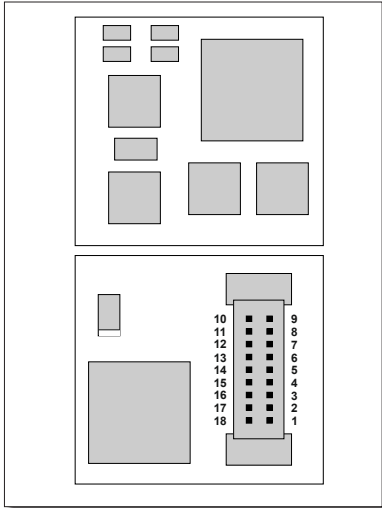




Doehler & Haass

DH18A 2nd Generation



Specifications (2 nd generation)	DH18A
Dimensions [mm]	9,7 x 8,9 x 2,8
Total load	1,5 A
Maximum motor current	1,5 A
Maximum operating voltage	30 V
Function outputs for light: LV, LR (dimnable)	each 150 mA
Function outputs: AUX1, AUX2 (dimnable)	each 300 mA
Function outputs: AUX3, AUX4, AUX5, AUX6	unamplified *)
With SUSI interface (if AUX3/AUX4 deactivated)	X
Connecting options	
18 pin connector for direct plugging (Next18)	DH18A

Pinbelegung

- M1, M2**..... Motor connection 1, 2
- G1, G2**..... Track connection 1, 2
- LV, LR**..... Front light, rear light (each 150 mA)
- AUX1, AUX2**... Additional function 1, 2 (each 300 mA)
- AUX5, AUX6**... Unamplified function 5, 6 *)
- VS**..... Supply voltage (also for SUSI)
- ZCLK**..... SUSI clock (or AUX3 unamplified) *)
- ZDAT**..... SUSI data (or AUX4 unamplified) *)
- GND**..... Ground (0 V)

Next18 interface

	G1	LR	AUX5 *)	VS	GND	ZDAT	AUX2	M2	G2
	18	17	16	15	14	13	12	11	10
	1	2	3	4	5	6	7	8	9
	G1	M1	AUX1	ZCLK	GND	VS	AUX6 *)	LV	G2

*) 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 VS (+) and GND (-).

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