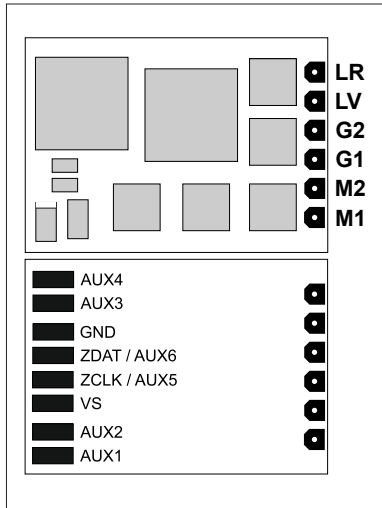




Doehler & Haass

DH10C 2nd Generation



Specifications (2 nd generation)	DH10C
Dimensions [mm]	12,7 x 8,9 x 1,4
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	each 1,0 A
Function outputs: AUX5, AUX6	unamplified *)
With SUSI interface (if AUX5/AUX6 deactivated)	X
Connecting options	
Without connection wires	DH10C-0
With ribbon cable for interface per NEM651	DH10C-1
With connection cable for interface per NEM651	DH10C-2
With connection wires	DH10C-3
6 pin connector for direct plugging (NEM651)	DH10C-4

Pin assignment

- 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)
- AUX3, AUX4**..... Additional function 3, 4 (each 1,0 A)
- VS**..... Supply voltage (also for SUSI)
- 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 VS (+) and GND (-).

Doehler & Haass Steuerungssysteme GmbH & Co. KG

c/o Frau Barbara Karpati
Ludwig-Braille-Straße 3
D-81379 München
Tel. +49 (0)89 13 93 72 21
technik@doehler-haass.de
www.doehler-haass.de

© 2020 Doehler & Haass

Changes and errors reserved

Edition 12/2020