

Cable Filter for Danfoss Stepper Motor-controlled Valves

Reduce Ringing Artifacts and EMI in Long Cables with Cable EMI Filter

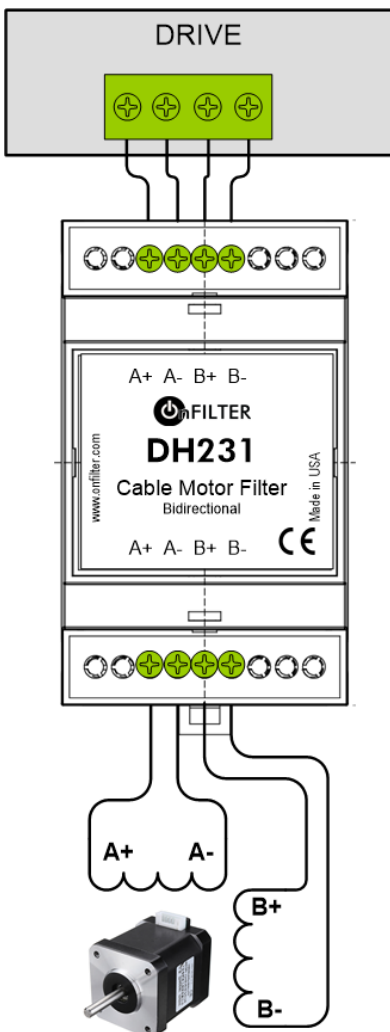
Long cables between the drive (or a controller) and the PWM motors cause ringing, waveform distortion, and other artifacts preventing proper operation of a motor. DH231 is specifically designed to prevent such problems and to enable proper operation of Danfoss' stepper motor—controlled valves. It was tested to enable functionality of stepper motors with the cables at least up to 375 ft. (114m) long.

The filter is DIN-rail mounted and its connection is symmetrical.



Cable Motor Filter
DH231

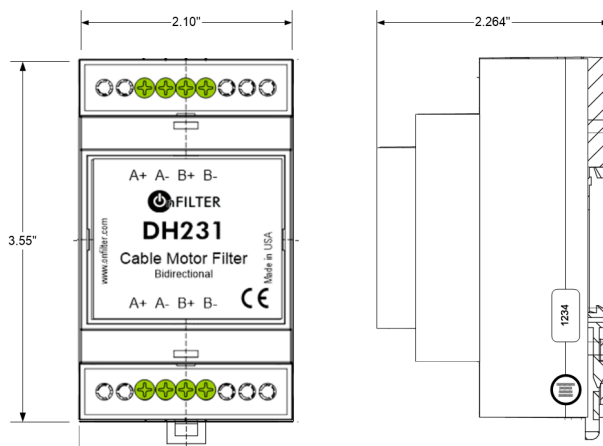
Connections



Specification

Max. Motor Voltage	25V
Max. Motor Current (each winding)	0.5A
Stepper Motor Type	Bipolar
Connector	Terminal Block
Wire Gauge	AWG24...16 0.21...1.31mm ²
Ambient Temperature	+5°...40°C

Dimensions



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