

CH-600

The CH-600 Hopper is capable of dispensing most coin sizes using only one disc, with optional insert, for coin diameters from 21.5mm - 30.8mm.

Its unique design allows high speed dispensing unequalled by other hoppers.

The DC motor brake and Opto sensor fitted as standard ensure accurate counting.

The CH range offers new levels of flexibility in coin and token handling.

TECHNICAL SPECIFICATIONS

§ Applicable Coin Sizes:

21.5mm – 30.8mm diameter
1.5mm – 2.5mm thickness

(Note: coins and tokens within this range will still need to be verified as suitable before order confirmation)

§ Dispensing Speed:

Approximately 760 coins/minute

• Coin Capacity:

Approximately 1500 x 25mm coins
(depending on thickness)

• Coin Counting System:

Opto sensor type: KR896-AA
Output: Open collector
Pulse width: 10 – 60ms
VCC: 5 – 12V DC
ICC: 20mA maximum

• Motor/DCMB supply:

Voltage: 24V±10%
Rated current: 950mA
Peak current: 4.9A

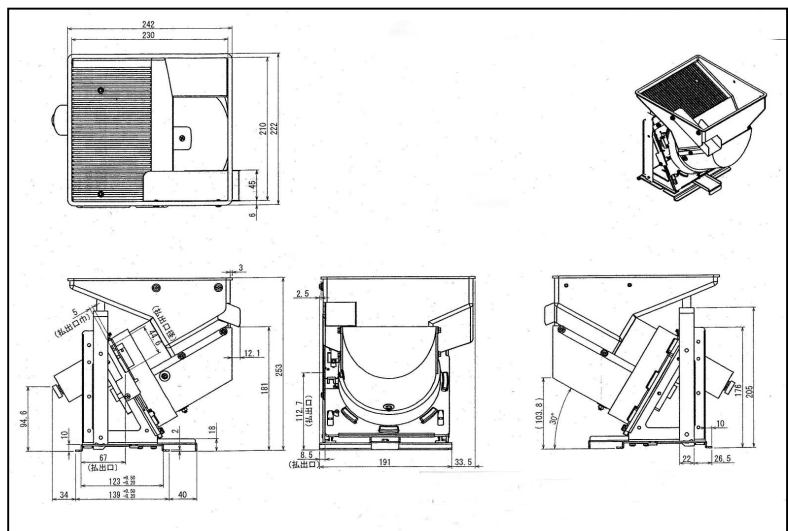
• Environmental conditions:

Mounting: Vertical ±2°
Temperature range: -10°~+60°C
Humidity: 85% RH max.

• Weight:

3.0kg approximately

COIN HOPPER



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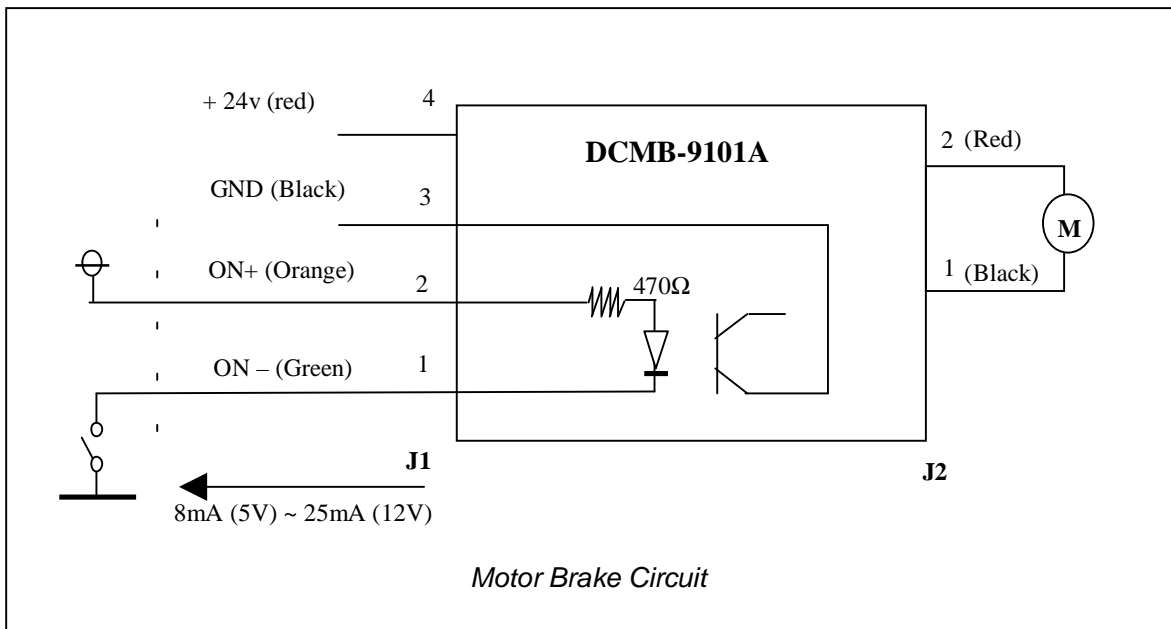
DC Motor Brake (DCMB 9101A) Specification

The DCMB-9101A is a brake circuit board which stops DC motors instantaneously by applying a short pulse of reverse current. Electrical connection is by two AMP E1 series connectors J1 & J2.

Connector	Pin	Signal Name	Signal Type	Detail
J1	1	Motor On -ve	Input	Connect to 0V
J1	2	Motor On +ve	Input	Pull up 5V – 12V
J1	3	0V	Supply	Connect to 0V
J1	4	24V DC	Supply	Connect to 24V DC
J2	1	Motor -	Output	Connect to motor
J2	2	Motor +	Output	Connect to motor

Wiring details

To drive the hopper the host machine must pull Motor On -ve down to below 1.0v DC. This control circuit draws a maximum of 25mA when the motor is being driven.



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