

8SMMC2 - Step Motor Controller Card / Box



- **Manual Stepper Motor Controller**
- Resolution: full step, 1/2, 1/4, 1/8 - selectable by DIP switches
- Speed from 300 to 600 step/s tunable by trimmer
- LED indicators of status
- [Stepper Motor Controller \(USB interface\)... MORE >](#)



SPECIFICATIONS

Electrical

- Targeted for bipolar, two phase stepper motors with current ratings of 0.25A.
- Current limit value setting is done during controller manufacturing
- Power supply voltage 12V (nominal)

System Expansion

- Available only for CCA version – refer to “Ordering of 8SMMC2 series circuit card assemblies (CCA)” for additional information

Motion

- Resolution: full step, 1/2, 1/4, 1/8
- Speed: 300-600 steps/s

Control

- “Front panel” manual controls
- Capable of connecting two limit switches for every axis

Mechanical

- Operating temperature range: 0 to 70 °C
- Box size for 1-axis controller : 80 x 130 x 65 mm (B1)
- Box size for 2 and more axis controller : 90 x 200 x 60 mm (B2)

Ordering of 8SMMC2 series circuit card assemblies (CCA)

It is possible to order circuit card assemblies of the 8SMMC2 series controllers building custom systems. The current limit values are initially set by the manufacturer, but can be adjusted by the user. Warranty and support options for CCA version may vary.

A 12V, 1.5A power supply is required to operate the controller. You can use your own power supply or purchase the following STANDA power supplies:

model PSA18U-120 (12V; 1.5A)
model PSC30U-120V (12V; 2.5A)

8SMMC2-B2-2



8SMMC2 (CCA)

Models

| Model | Info | Price |
|-------------|---|------------|
| 8CA9F - 15M | Cable from controller to motor | contact us |
| 8SMMC2 | Circuit card assembly (CCA) | € 80,00 |
| 8SMMC2-B1-1 | 1 axis, max motor current setting 0.67A | € 97,00 |
| 8SMMC2-B2-2 | 2 axis, max motor current setting 0.67A | € 171,00 |