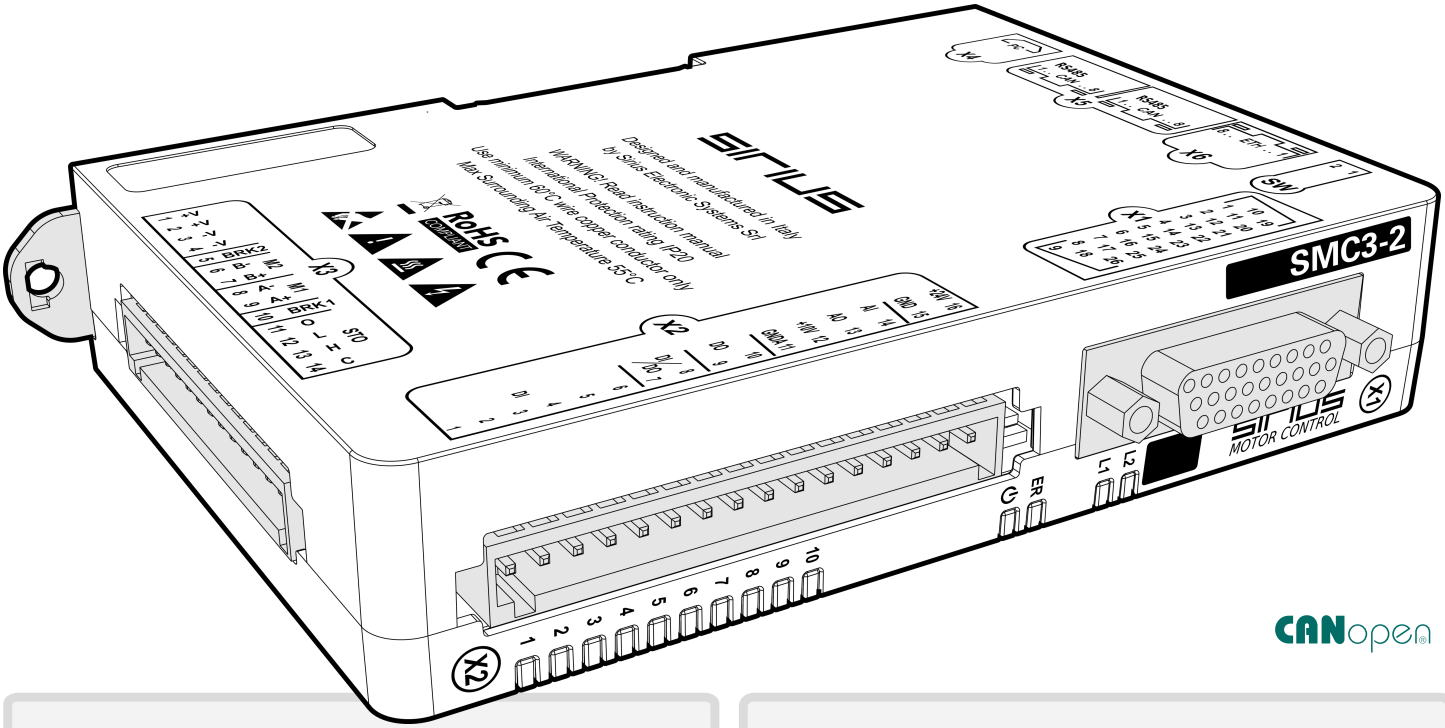



CANopen

## Features

- Industrial grade double motor driver powered up to 24Vdc and 24V logic
- 7A continuous and 10A peak output. Current is limited internally to prevent any damage
- Communicates with any industrial computer board or PLC via CANopen
- Drives any motor using feedbacks provided by TTL encoders
- Equipped with built-in safety, fully featured motion controller
- Operates as a stand-alone device or communicate via advanced networking as part of multi-axis system
- Programmable using IEC-651131-3 code: it's easy to set it up and tune via DeviceManager software
- It conforms to Safety Integrity Level 3 using both PLC or TTL connection

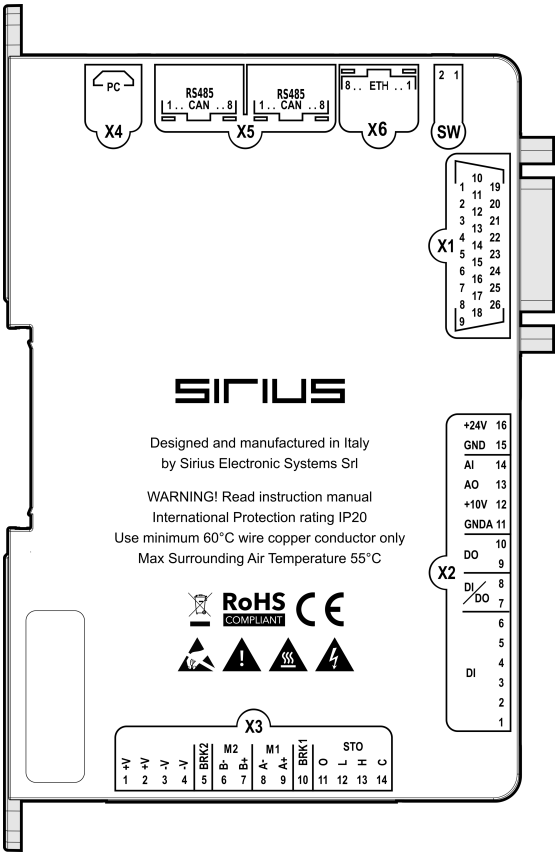
## Tech Specs

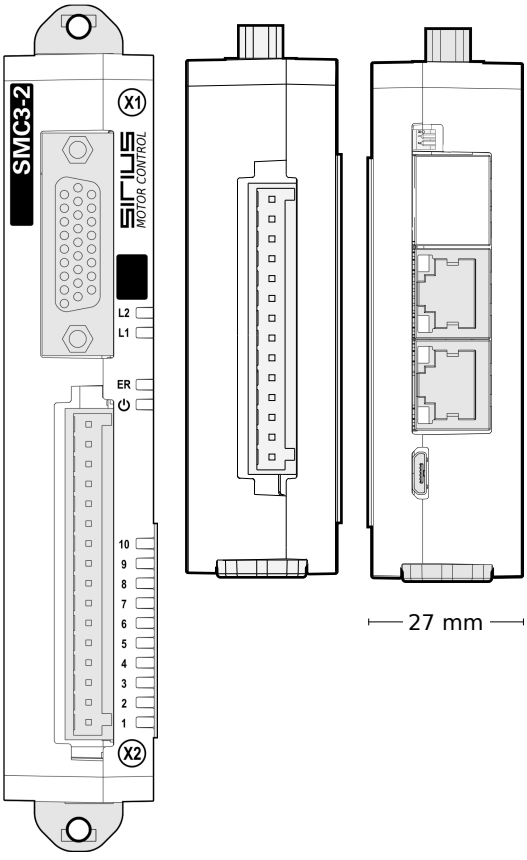
| | |
|---|---|
| Logic supply | 24Vdc ± 20% |
| Digital IN | Up to 8 @ 24V 10mA (4.7us RC) |
| Digital OUT | 4 @ 24V 600mA PNP |
| Encoder IN | 2 |
| Analog OUT | 1 @ 0-10V (12 bit resolution) |
| PT100 IN | 2 |
| Analog IN | 1 @ 0-10V (12 bit resolution) |
| USB Ports | 1 USB 2.0 type B for configuration and VCOM |
| STO current out | 30mA (max 50mA), NPN, unprotected |
| STO | Safety Integrity Level 3 - PLC or TTL connection |
| Bridges input | 19,2÷24Vdc |
| Motor OUT | 2 DC Motors |
| Current OUT | 7A |
| Peak current | 10A |
| Current limiter | Hardware + Software limiter |
| Voltage limiter | Vmin / Vmax voltage comparator |
| Short circuit | Logic circuit, diode |
| Reverse polarity | Logic circuit, diode |
| $I^2t$ | Continuous current |
| Storage C° | -40 to +85 °C |
| Operating C° | 0 to +55 °C |
| Humidity | 0 to 95%, non condensing |
| Dimensions | 150 x 97.5 x 27 mm |
| Weight | 210 g |
| Mounting | 2x M3 screws or TS 35 DIN rail |

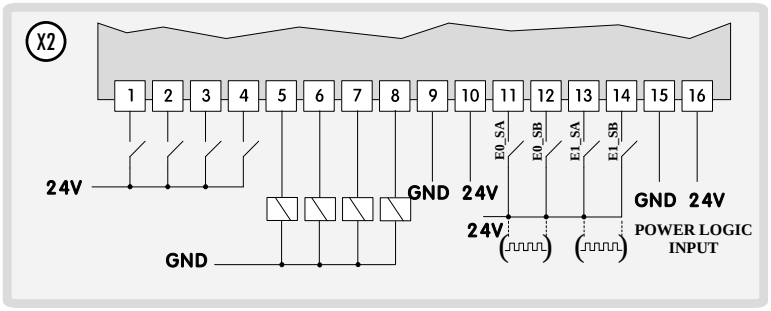
# SMC3-2EB000 24V, double DC Motor control, CANopen®

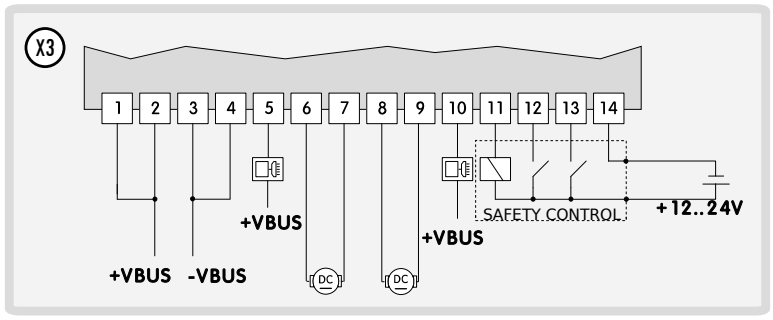


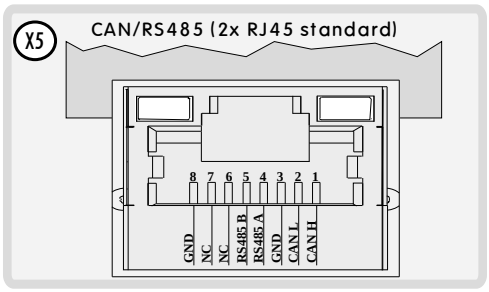
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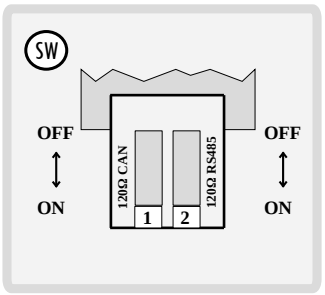



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