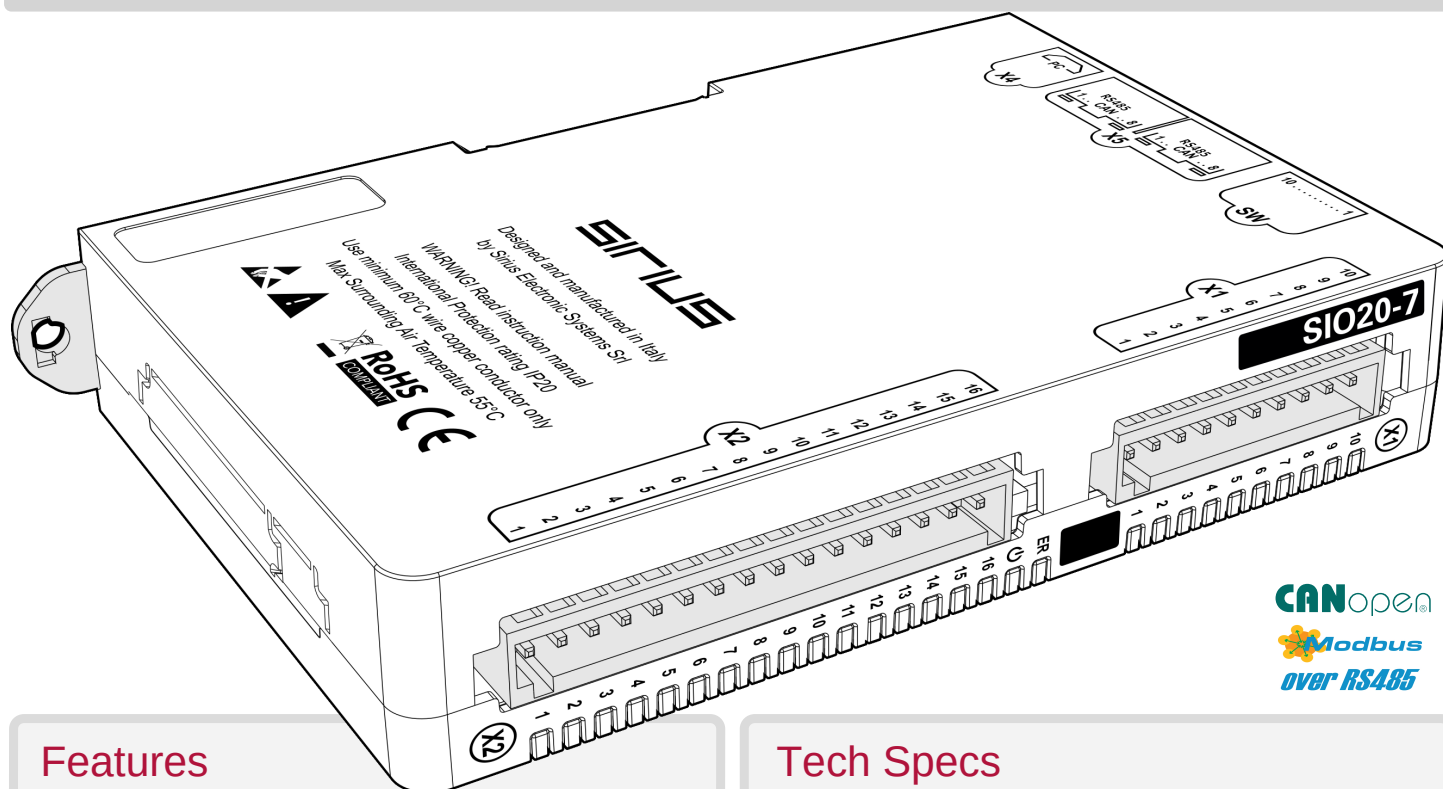




Features

Industrial grade digital I/O board powered at 24Vdc

8 digital outputs

8 digital inputs

Up to 8 High speed digital inputs capable of reading up to 4 encoders or 3 encoders and 2 latch input

6 analog inputs

2 analog outputs

Communicates with any industrial computer board or PLC via CANopen or RS485 via two RJ45 pass-through ports to allow concatenation using standard UTP ethernet patches

Output equipped with short-circuit protection, input with over-voltage protection

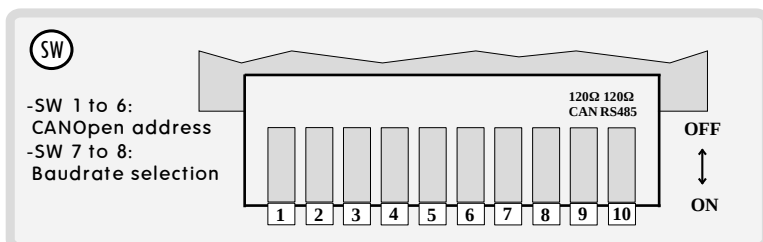
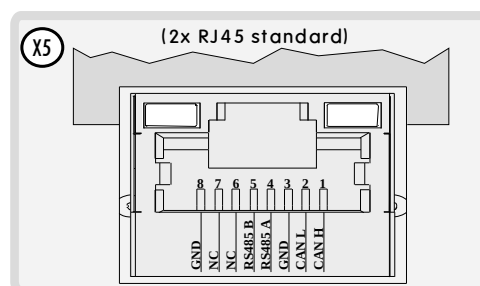
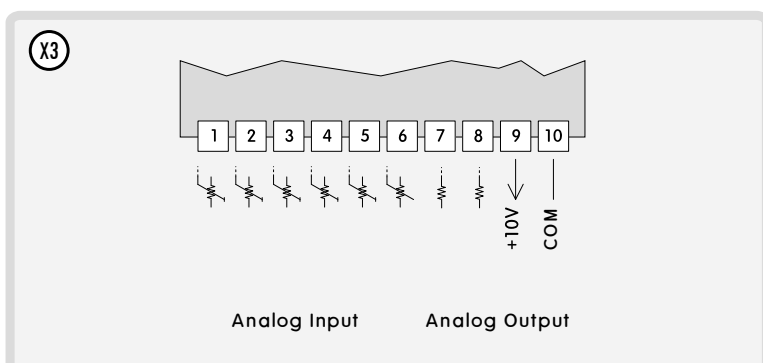
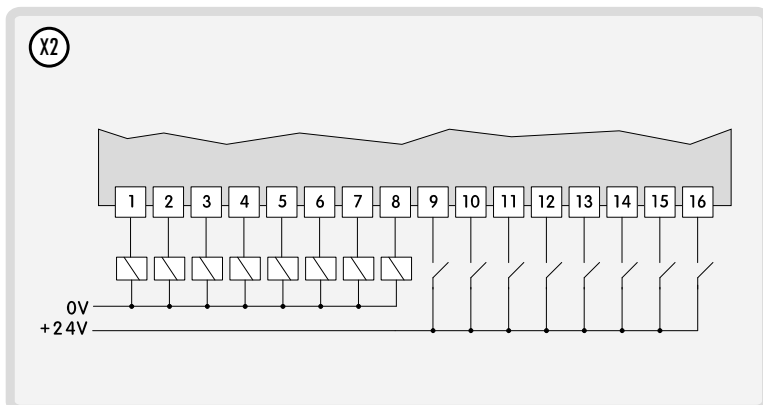
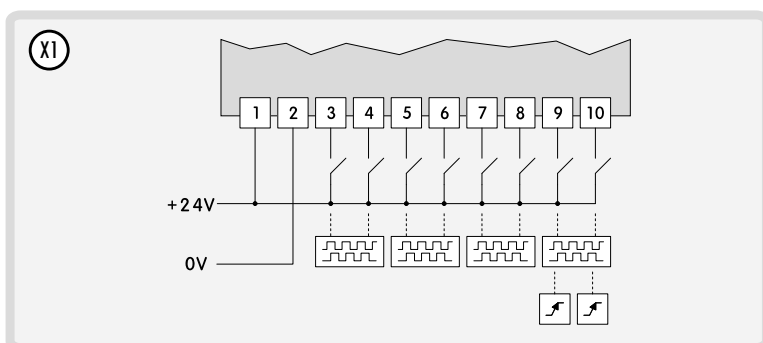
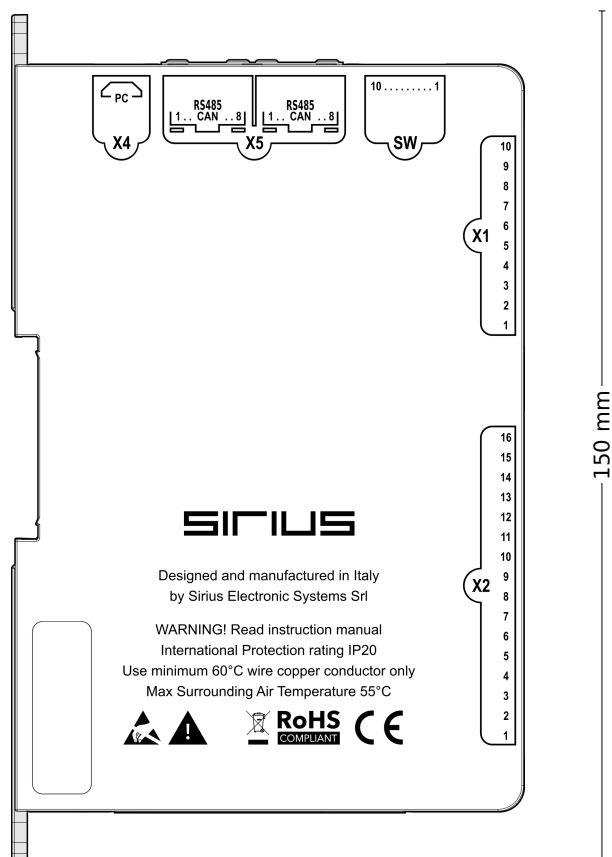
Operates as a stand-alone device or communicate via advanced networking as part of real-time system

Operates as I/O device under the DSP-401 protocol of the CANopen DS-301 application layer

Tech Specs

Logic input Power	24Vdc $\pm$ 20%
RS485 Ports (optional)	2 (Passthrough) optocoupled
CAN Ports	2 (Passthrough) optocoupled
USB Ports	1 USB 2.0 type B for configuration and Virtual COM
Digital Input	Up to 8 @ 24V 2,5mA (4.7us RC)
High Speed Digital Input	Up to 8 (3.3us RC)
Encoder Input	Up to 4 encoders input (3 encoders and 2 latch)
Digital Output	Up to 8 @ 24V 700mA PNP, protected
Analog Input	Up to 6 @ +10V analog input (12 bit resolution)
Analog Output	2 @ $\pm$ 10V (12 bit resolution)
Reverse polarity	Logic circuit, diode
Storage C°	-40 to +85 °C
Operating C°	0 to +55 °C
Humidity	0 to 95%, non condensing
Size (L x H x W)	150 x 91 x 24.5 mm
Weight	160 g
Mounting	M3 screws or TS 35 DIN rail

SIO20-7 "Header Digital and Analog I/O, Device CAN/RS485"



All names, brands, logos and symbols used in this document are registered trademarks of their respective owners

Rev 4 2026/04/28