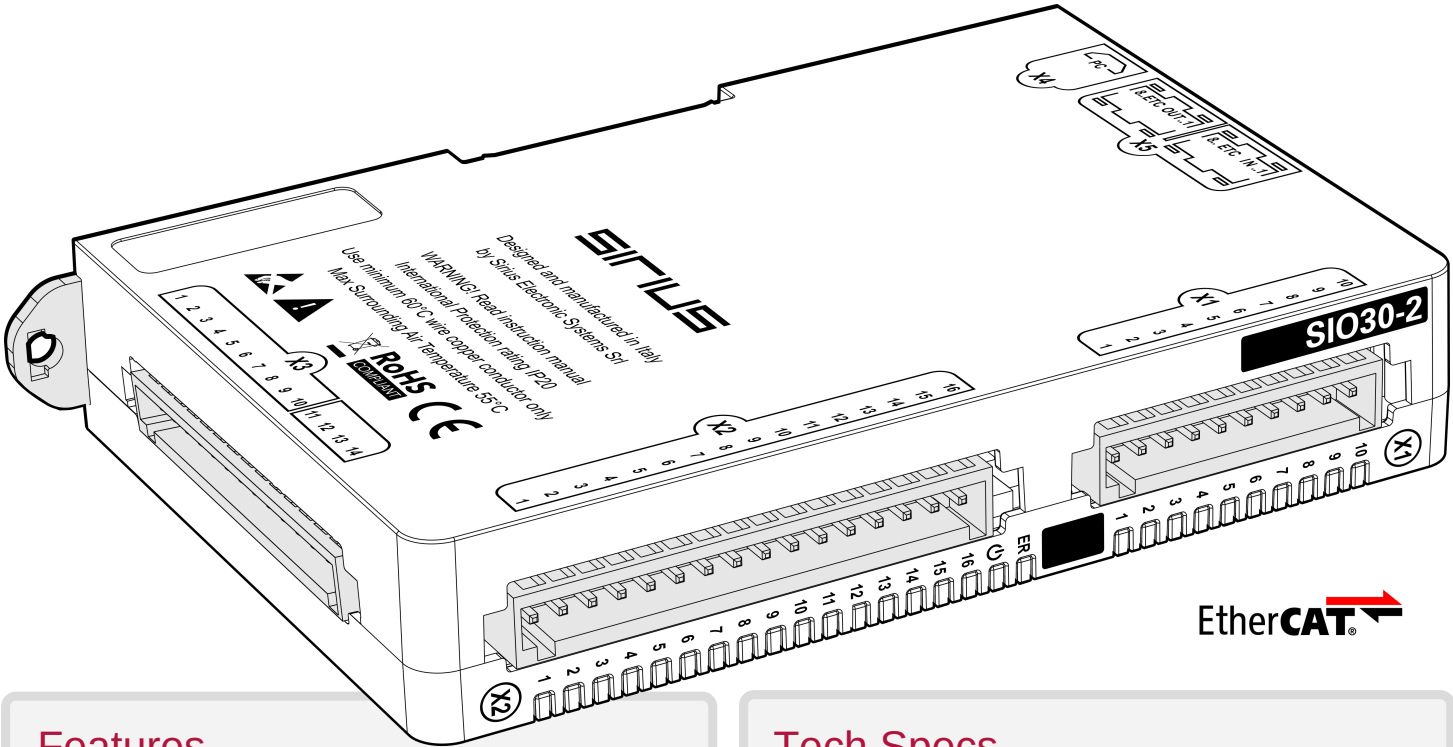




Features

Industrial grade digital and analog I/O board powered at 24Vdc

16 configurable digital I/Os

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

6 analog input or up to 3 JK thermocouples inputs

6 analog outputs

Communicates with any industrial computer board or PLC via Ethercat 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

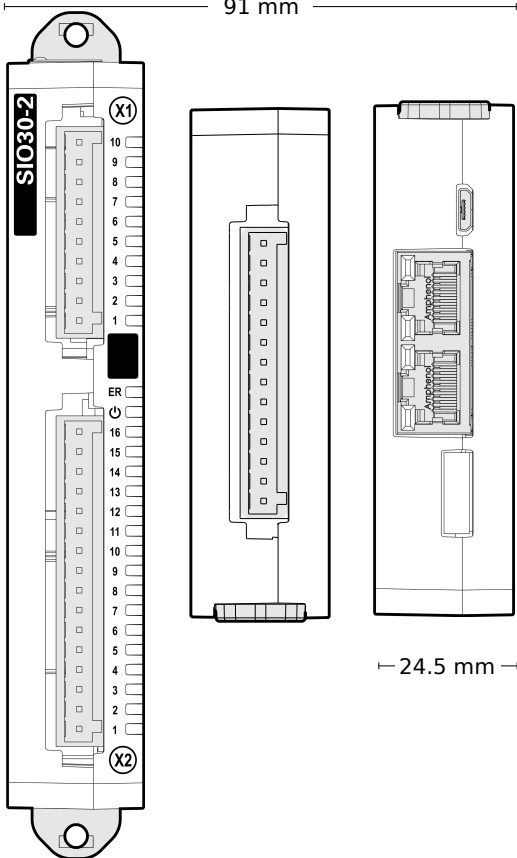
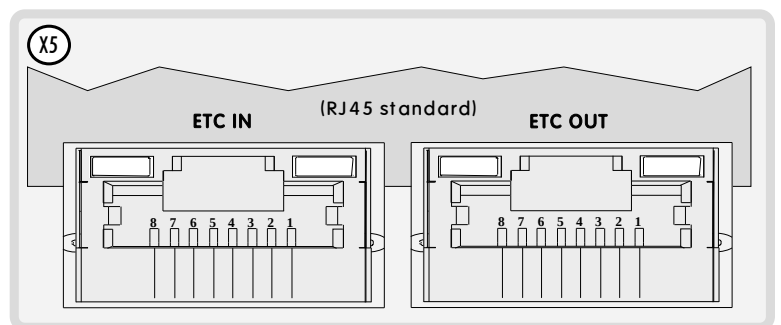
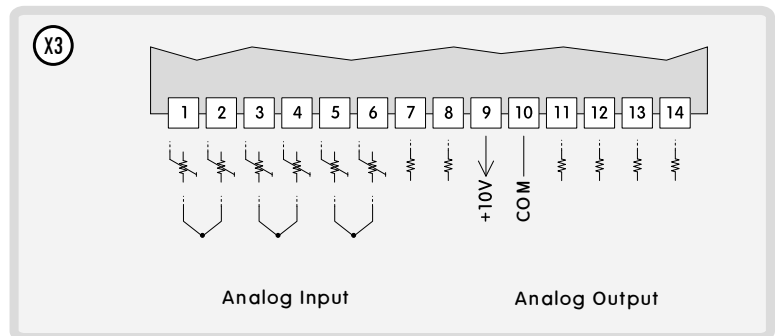
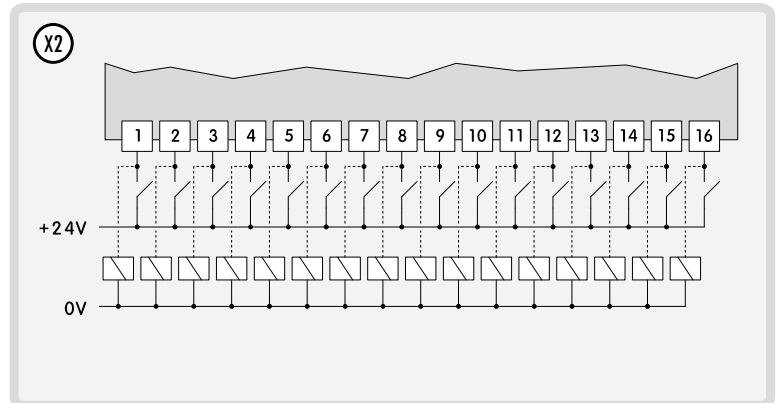
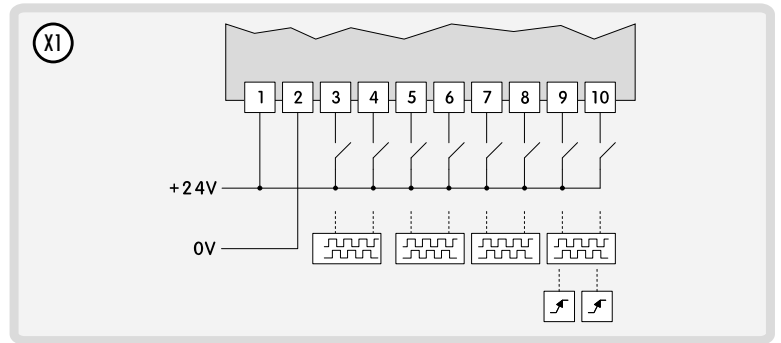
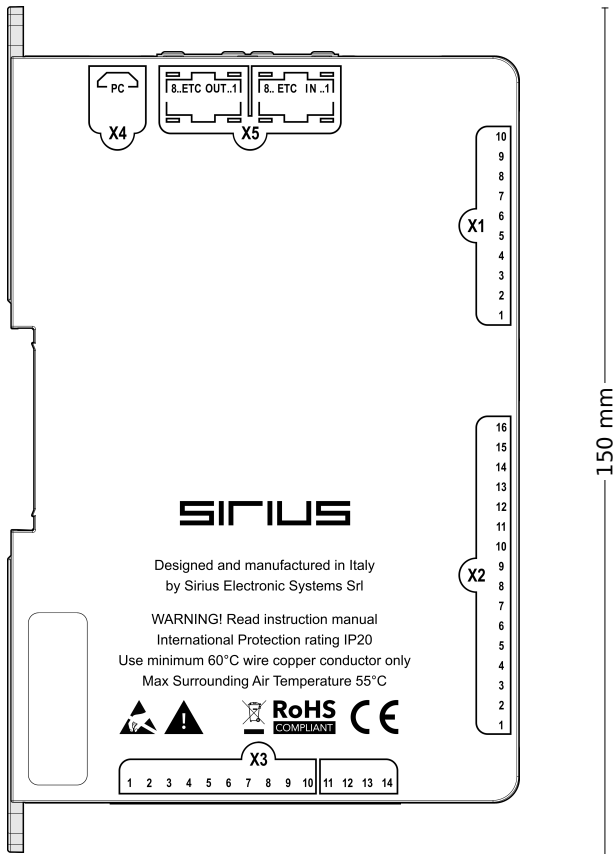
Operates as a stand-alone device or communicate via advanced networking as part of real-time system

Operates as I/O device under the DSP-401 protocol of the CANopen DS-301 application layer, allowed by Can over Ethercat (CoE)

Tech Specs

Logic input Power	24Vdc ± 20%
Ethercat Ports	1 Port IN and 1 Port OUT
USB Ports	1 USB 2.0 type B for configuration and Virtual COM
Digital Input	Up to 16 @ 24V 2,5mA (4.7us RC)
High Speed Digital Input	Up to 8 (3.3us RC)
Encoder Input	Up to 4 encoders input (or 3 encoder and 2 latch)
Digital Output	Up to 16 @ 24V 700mA PNP, protected
Analog Input	Up to 6 @ ±10V analog input or up to 3 JK thermocouple (24 bits resolution)
Analog Output	Up to 6 @ ±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

SIO30-2 “Header Digital and Analog I/O, Device Ethercat”



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