

CCN-8 SoftDrive

A dedicated soft-start conveyor controller providing a truly 'plug & play' solution

The ATRAX CCN-8 SoftDrive enables check-in conveyors to be fully assembled, wired and tested in the factory prior to shipping to site, resulting in a truly 'plug & play' solution.

The ATRAX CCN-8 SoftDrive offers fully connectorised installation and is low profile for easy conveyor mounting. Featuring a sleek, compact, modern design, this unit offers fast and simple installation and commissioning without expert knowledge.



- Soft-start AC motor control for smooth, quiet operation
- Front-panel manual control for convenient belt tracking
- Economical distributed control saves space
- Available in AS-i and PROFINET variants
- Rugged enclosure
- Firmware options for local intelligence
- Switched brake control
- Support for up to 4 sensors (2 external sensor channels mapped via AS-i)
- Configurable auxiliary I/O
- USB configuration and diagnostic capability

Atrax – The proven choice

Atrax Group is the world leader in the design, manufacture, integration and support of a full range of industrial weighing, measurement and related control systems for the Airport and Logistics industries. More than three million people in over 150 countries use an Atrax product every day. ISO accredited for quality, safety and the environment.

Why buy from Atrax?

- With projects completed in over 800 airports worldwide, Atrax understands the airport environment and your requirements better than anyone.
- Modern design, manufactured from durable materials
- Cost effective pricing



Technical Information

Product Description

The ATRAX CCN-8 SoftDrive is a dedicated soft-start conveyor motor controller.

Features

System Functions:

- Power-on self-test
- Over-current and 3-phase line monitoring

Switched brake control (*Requires external rectifier)

Compliance Standards: CE, RCM

Supported Motors: 3-phase induction

AS-i

Inputs: run, fault, sensor 1, sensor 2

Outputs: forward, reverse, auxiliary out

PROFINET (PROFIDrive + DAP)

Inputs: 16 status bytes

Outputs: 6 x control bytes + configuration parameters + statistics + RTC



Environmental

Enclosure Protection: IP64

Operating Temperature Range: 0°C to 45°C

Relative Humidity: 10-95% non-condensing

Power

Motor Power Rating: up to 0.55 kW (up to 0.75 kW for 400 V only)

Control Power Consumption: 6 W max.

Operating Voltage:

- Motor: 200-400 VAC nominal \pm 10%
- Control: 24 VDC \pm 15%

Operating Frequency: 50-60 Hz \pm 10%

Connectivity

Power HAN Q5/0 3Ø L1, L2, L3, PE

Motor HAN Q8/0 U1, V1, W1, PE, B1, B2

Other connectors are available. Contact your Atrax representative.

IN1 (A/B) M12-A-F 2 channel, NPN/PNP, 24 VDC 50 mA max.

IN2 (A/B) M12-A-F 2 channel, NPN/PNP, 24 VDC 50 mA max.

USB M12-B-M Configuration and diagnostics

Auxiliary (I/O) M12-A-F Input (Open Contact), Output 24 VDC 250 mA max.

AS-i M12-A-M AS-i V3.0, S-7.A.E, A/B slave (4I/3O), + AUX power

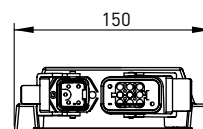
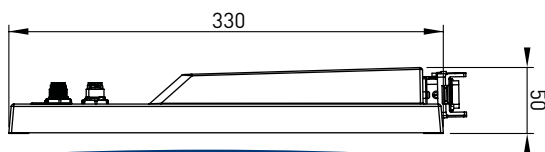
Or

PROFINET 2 x M12-D-F Dual-port PROFINET supporting media redundancy protocol

M12-A-M AUX power

Dimensions

Product Dimensions: 330 x 150 x 50 mm (L x W x H)



Contact us

Get in touch with an experienced and friendly Atrax representative today. Find out how we can help streamline your processes with cost effective products that look smart and give many years of reliable service.

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