

CCN-8 SoftDrive

A dedicated soft-start conveyor controller providing 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.
- ightarrow 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 ± 10%

Control: 24 VDC ± 15%

Operating Frequency: 50-60 Hz ± 10%



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/30), + AUX power

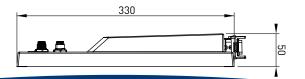
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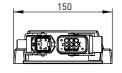
PROFINET 2 x M12-D-F Dual-port PROFINET supporting media redundancy protocol

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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