

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
- Manual control for convenient belt tracking
- Economical distributed control saves space
- 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



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ATRAX is the world leader in weighing, dimensioning and related control systems for the airport and logistics industries. Every day, 3 million people in over 140 countries use ATRAX scales.

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 Outputs: forward, reverse, auxiliary out

AS-i Inputs: run, fault, sensor 1, sensor 2

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

Control Power Consumption: 6 W max.

Operating Voltage:

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

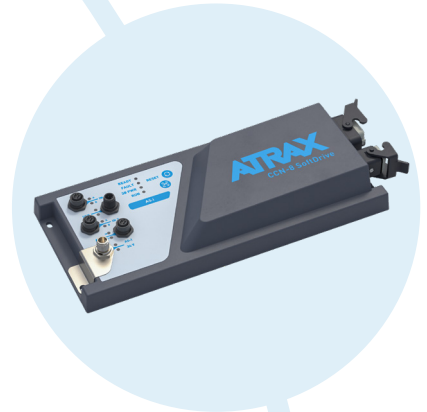
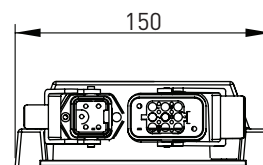
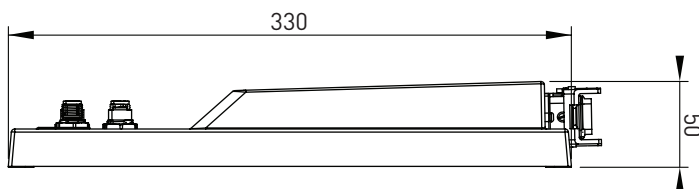
Operating Frequency: 50-60 Hz $\pm 10\%$

Connectivity

Power	HAN Q5/0	3Ø L1, L2, L3, PE
Motor	HAN Q8/0	U1, W1, V1, PE, B1*, B2*
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.
AS-i	M12-A-M	AS-i V3.0, 7.A.3, A/B slave (4I/3O), AUX power
USB	M12-B-M	Configuration and diagnostics
Auxiliary (I/O)	M12-A-F	Input (Open Contact), Output 24 VDC 1 A max.

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 airport processes with cost-effective products that look smart and give many years of reliable service.

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