

# ATRAX

Weighing and Dimensioning Specialists



**A truly “plug & play” solution**

# CCN-8 SoftDrive

**UNIQUE SOFT START & BRAKE CONVEYOR CONTROLLER**



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The Atrax CCN-8 SoftDrive is a soft start conveyor motor control node which allows for check-in conveyors to be completely assembled, wired and tested in the factory prior to shipping to site, resulting in a truly “plug & play” solution.

## Features

- ▶ Soft start solid-state AC motor control for smooth quiet operation
- ▶ Switched brake control
- ▶ Support for up to 4 Photo Eyes (2 channels via ASi)
- ▶ Auxiliary I/O configurable
- ▶ Simple diagnostic capability
- ▶ ASi Outputs: FWD, REV, AUX OUT
- ▶ ASi Inputs: RUN, FAULT, SENSOR 1, SENSOR 2
- ▶ USB configurable

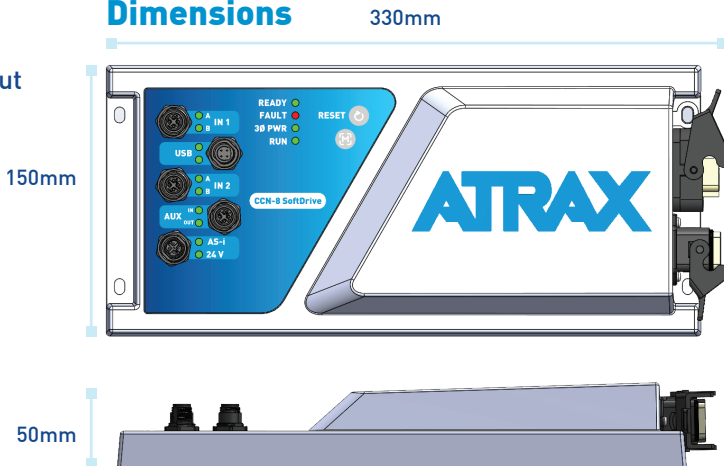
## Benefits

- ▶ Fully connectorised installation
- ▶ Fast and simple installation
- ▶ Low-profile for easy conveyor mounting
- ▶ Rugged IP64 rated enclosure
- ▶ FWD and REV control

## User friendly

- ▶ Commissioning without expert knowledge
- ▶ Manual run control
- ▶ Diagnostic LEDs

## Dimensions



## Technical Specifications

### POWER

Motor Power Rating	up to 0.55 kW
Control Power Consumption	7 W
Operating Voltage	
Motor	200-400 VAC ± 10%
Control	24 VDC ± 15%
Operating Frequency	50-60 Hz ± 10%

### FEATURES

Product Dimensions	330 x 150 x 50 mm (L x W x H)
	Power-ON self test
System Protection Functions	Over-current protection
	3-phase line monitoring for sequence & symmetry
Brake Function	Switched control (*Requires external rectifier)
Conformance with standards	CE, RCM
Supported motors	3-phase induction

### ENVIRONMENTAL

Enclosure Protection	IP64
Operating Temperature Range	-10°C to 50°C
Relative Humidity	10-95% non-condensing

### CONNECTIVITY

Power	HAN Q5/0	3 Ø 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
ASi	M12-A-M	ASi V3.0, 7.A.3, A/B slave (4I/3O), AUX power
USB	M12-C-M	Configuration & Diagnostics
Auxiliary (I/O)	M12-A-F	Input (Open contact) Output 24 VDC 1A max



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Atrax is the world leader in the design, manufacture, integration and support of industrial weighing, dimensioning and related control systems for the airport and logistics industries. Over 800 airport sites across 140 countries use Atrax products and systems.

‘For simple, smooth  
lower-cost operation.’



## Get in touch

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