

## HCS01.1E-W0006-A-02-B-ET-EC-PB-L3-NN-FW

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	hcs011e-w0006-a-02-b-et-ec-pb-l3-nn-fw
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Brand</b>	Indramat
<b>Part Number</b>	HCS01.1E-W0006-A-02-B-ET-EC-PB-L3-NN-FW
<b>Product Type</b>	Drive Controller
<b>Mains Voltage</b>	3 x AC 110–230 V ±10%
<b>Device Peak Current</b>	6 A
<b>Communication Interface</b>	MultiEthernet
<b>Interface 2 Type</b>	PROFIBUS
<b>Encoder Interface</b>	IndraDyn Hiperface/EnDat 2.1/2.2
<b>IP Rating</b>	IP20
<b>Cooling Method</b>	Air, internal (through integrated blower)
<b>Dimensions</b>	50 mm x 215 mm x 196 mm
<b>Weight</b>	1.3 kg

## Description

The Indramat HCS01.1E-W0006-A-02-B-ET-EC-PB-L3-NN-FW is a compact drive controller from the HCS IndraDrive Controllers series, designed for precise motion control in industrial automation applications. Operating on a three-phase AC voltage of 110–230 V  $\pm 10\%$ , it delivers a peak current of 6 A, suitable for driving synchronized axes with high repeatability. The controller features MultiEthernet communication for seamless integration into modern industrial networks and includes a PROFIBUS interface for compatibility with existing systems. It supports encoder feedback via IndraDyn Hiperface/EnDat 2.1/2.2, enabling high-resolution position loops and error-free synchronization. The device is housed in an IP20-rated enclosure, measuring 50 mm in width, 215 mm in height, and 196 mm in depth, with a weight of 1.3 kg. Cooling is achieved through an internal blower, ensuring optimal operating temperatures under sustained loads. Safety is addressed with a Safe Torque Off (STO) interface, which immediately eliminates torque generation in fault conditions, protecting both operators and equipment. The controller is part of the HCS01 line series, featuring Design Version 1, and requires firmware to be ordered separately for field upgrades and firmware traceability. This drive controller is ideal for applications requiring precise motion control, reliable communication interfaces, and robust safety features.