

## HCS03.1E-W0100-A-05-LNBV

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	hcs031e-w0100-a-05-lnbv
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Power Range</b>	15 to 75 kW
<b>Peak Current</b>	100 A
<b>Mains Voltage</b>	3 x AC 400...500V (+10%, -15%) V
<b>Cooling Method</b>	Air, internal (through integrated blower)
<b>IP Rating</b>	IP20

### Description

The Indramat HCS03.1E-W0100-A-05-LNBV is a high-performance drive controller from the HCS IndraDrive Controllers series, designed for demanding industrial automation applications. Operating within a power range of 15 to 75 kW, it delivers a peak current of 100 A, ensuring reliable performance under heavy loads. The controller supports a mains voltage of 3 x AC 400...500V (+10%, -15%) and utilizes internal air cooling through an integrated blower, maintaining optimal thermal conditions during continuous operation. With an IP20 protection rating, it safeguards internal components from dust and incidental contact. The device features an integrated braking transistor and offers a DC 24V power supply from both the DC bus and an external source, enhancing system flexibility. Its compact design facilitates seamless integration into existing automation systems, making it ideal for applications such as conveyor systems, robotics, and packaging machinery. The HCS03.1E-W0100-A-05-LNBV is engineered to provide precise speed and torque control, contributing to enhanced productivity and operational efficiency in industrial settings.