

HCS03.1E-W0150-A-05-LNBV

Industrial automation components

Manufacturer	Indramat
Catalog number	hcs031e-w0150-a-05-lnbv
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	20.00 kgs
Current	150 A
Power	75 kW
Signal Type	500
Signal Level	500 V
Relay Specifications	500 VAC
Voltage	400 - 500 V
Horsepower	75 KW
Cooling Capacity	75 kW
Product Type	Drive

Description

The Indramat HCS03.1E-W0150-A-05-LNBV is a high-performance drive controller engineered for industrial motion control applications. Designed by Indramat, a leader in automation technology, this controller offers a power range of 15 to 75 kW, making it suitable for various industrial automation tasks. It operates on a 3-phase AC supply of 400 to 500 V, accommodating voltage fluctuations with a tolerance of +10% to -15%. The device delivers a peak current of 150 A, ensuring reliable performance under dynamic load conditions. Cooling is managed through an internal air system with an integrated blower, maintaining optimal operating temperatures. The controller features an IP20 protection rating, indicating suitability for installation within control cabinets. Additionally, it includes an integrated braking transistor, enhancing energy efficiency during deceleration phases. Auxiliary power is supplied via a 24 V DC input from the bus or external sources, supporting versatile integration into existing systems. This controller is ideal for applications requiring precise motion control and robust performance, such as in manufacturing, packaging, and material handling systems.