

HMS01.1N-W0350-A-07-NNNN

Industrial automation components

Manufacturer	Indramat
Catalog number	hms011n-w0350-a-07-nnnn
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	5.00 kgs
Voltage	254 - 750 V
Current	290 A
Product Type	Drive
Signal Type	750
Signal Level	750 V
Relay Specifications	500 VAC

Description

The Indramat HMS01.1N-W0350-A-07-NNNN is a high-performance single-axis inverter designed for industrial automation applications. Manufactured by Indramat, a division of Bosch Rexroth, this inverter is part of the HMS Axis Inverters series, known for their reliability and efficiency in controlling servo motors. The HMS01.1N-W0350-A-07-NNNN operates with a nominal DC bus voltage of 700 V and supports an input voltage range from 254 to 750 V DC, making it suitable for various industrial environments. It delivers a rated maximum current of 350 A, with a continuous current capability of approximately 250 A, ensuring stable operation during demanding tasks. The inverter features internal air cooling with an integrated blower, maintaining optimal temperature conditions for continuous operation. Its protection class is IP20, indicating suitability for indoor use in environments with minimal dust and no direct water exposure. The device operates efficiently within an ambient temperature range of 0 to 40°C, consuming 218 W of power (excluding control unit and motor brake). The control voltage required is 24 V DC, which must be supplied externally, as the unit does not include an internal power supply. This inverter is fully compatible with MLD automation systems, ensuring seamless integration and reliable performance in complex automation setups. Its design and features make it ideal for applications in robotics, material handling, and manufacturing automation, where precise and reliable motor control is essential.