

HMS01.1N-W0020-A-07-NNNN

Industrial automation components

Manufacturer	Indramat
Catalog number	hms011n-w0020-a-07-nnnn
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	2.47 kgs
Refrigerant	r911295323
Product Type	Drive
Signal Level	750 V
Relay Specifications	500 VAC
Voltage	254 - 750 V
Signal Type	750

Description

The Indramat HMS01.1N-W0020-A-07-NNNN is a single-axis inverter from the HMS Axis Inverters series, designed for industrial automation applications. Manufactured by Indramat, a division of Bosch Rexroth, this inverter is engineered to convert DC bus power into a controlled AC output for motor drives. It supports a nominal DC bus voltage of 700 V and delivers a rated maximum current of 20 A, making it suitable for various industrial applications requiring precise motor control. The inverter features internal air cooling with an integrated blower, ensuring efficient thermal management during operation. It operates over an output frequency range of 0 to 1,000 Hz, providing flexibility for different motor control requirements. The device is classified under protection class IP20, indicating suitability for installation within control cabinets. It is CSA Certified and UL Listed, meeting international safety standards. The HMS01.1N-W0020-A-07-NNNN is compatible with asynchronous, synchronous kit spindle, synchronous torque, and synchronous linear motors, offering versatility in motor selection. It utilizes Class 1 copper field wiring for enhanced electrical conductivity and durability. The inverter is designed to operate in ambient temperatures up to 40°C, with derating to 55°C, accommodating various environmental conditions. This model is identified by the part number R911295323.