

HMS01.1N-W0110-A-07-NNNN

Industrial automation components

Manufacturer	Indramat
Catalog number	hms011n-w0110-a-07-nnnn
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	4.94 kgs
Current	110 A
Product Type	Drive
Voltage	700 V
Signal Type	700
Signal Level	700 V

Description

The Indramat HMS01.1N-W0110-A-07-NNNN is a single-axis servo drive from Bosch Rexroth Indramat's HMS series, engineered for precise speed and position control in industrial automation applications. Designed for integration with various automation systems, it offers both SERCOS and EtherCAT interfaces, facilitating flexible connectivity. The drive operates with a nominal DC bus voltage of 700 V and supports a rated maximum current of 110 A, ensuring robust performance for demanding tasks. Its internal air cooling system with an integrated blower maintains optimal operating temperatures, enhancing reliability. The device features an optional Safe Torque Off (STO) function, providing an additional layer of safety by enabling the disconnection of torque generation in a certified manner. With a protection class of IP20, the drive is suitable for installation within control cabinets, offering protection against solid objects larger than 12 mm. The HMS01.1N-W0110-A-07-NNNN is compatible with multi-encoder interfaces, supporting various encoder types for precise motor control. Its firmware includes anti-vibration technology, contributing to the stability and longevity of connected machinery. This servo drive is ideal for applications in robotics, material handling, and other industrial sectors requiring precise motion control.