

HCS01.1E-W0018-A-03-B-ET-EC-NN-L4-NN-FW

Industrial automation components

Manufacturer	Bosch
Catalog number	hcs011e-w0018-a-03-b-et-ec-nn-l4-nn-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Voltage	200 - 500 V
Product Type	Drive
Signal Type	500
Current	18 A
Frequency	50 - 60 Hz
Signal Level	500 V
Relay Specifications	18 A

Description

The Bosch HCS01.1E-W0018-A-03-B-ET-EC-NN-L4-NN-FW is a compact drive controller from the IndraDrive Cs series, designed for precise electric motor control and monitoring within the IndraDrive platform. It operates with a three-phase AC mains input voltage ranging from 200 V to 500 V $\pm 10\%$ and delivers a peak current of 18 A. The control section is of the 'BASIC' type, paired accordingly, and features a standard control panel with a single-line display for operational data and alerts. Integrated MultiEthernet supports interoperability with EtherNet/IP, PROFINET IO, EtherCAT, and Sercos III, while additional CANopen and encoder interfaces are provided. An internal forced-air cooling system is implemented, and the device meets IP20 protection standards. The controller is equipped with a Safe Motion safety module, and any required firmware must be ordered separately.