VLT® DeviceNet MCA 104

High performance DeviceNet fieldbus interface option for VLT® AutomationDrive, VLT® HVAC Drive and VLT® AQUA Drive.

DeviceNet is one of the world's leading device-level networks for industrial automation.

DeviceNet offers robust, efficient data handling because it is based on Producer/Consumer technology. This modern communications model offers key capabilities that allow the user to effectively determine which information is needed and when. Users also benefit from ODVA's strong conformance testing policies, which ensure that products are interoperable.

Flexible
- DeviceNet supports three Control Modes:
  - Polled I/O
  - Change-Of-State (COS)
  - Explicit Messaging
- Four different Assembly Instances:
  - ODVA: 20/70 and 21/71
  - Danfoss: 100/150 and 101/151, featuring the standard Danfoss FC control profile
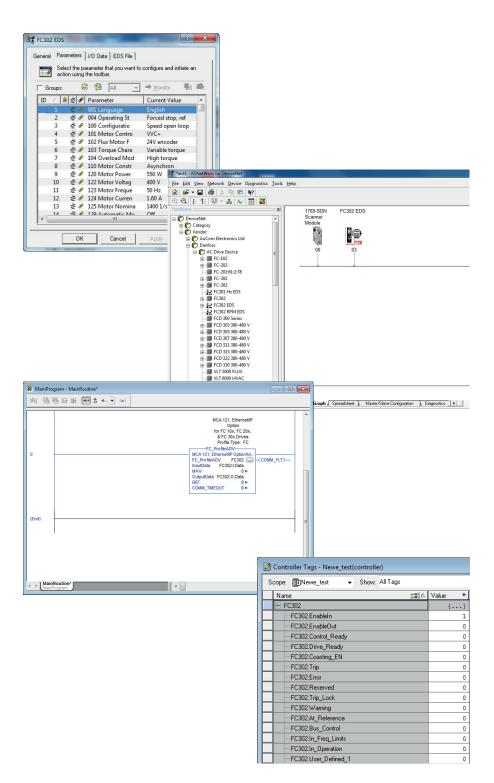- Access to MCO 305 control data

Ordering number
Uncoated   130B1102
Coated   130B1202

Feature	Benefit
Open standard developed by Rockwel, Cutler, Hammer, etc.	World-wide acceptance
Access control: Master/slave, peer-to-peer bit-arbitration (CSMA/CA)	Corrupted telegram will be rejected by all participants. No risk that illegal data is used
Bus powered, multidrop network	Cable with 24V power supply to sensors
Baudrate from 125 Kbps to 500 Kbps	Cable length from 100 m to 500 m
Configuration Drive parameters via EDS-file	Basic drive setting is stored in the PLC tool. No need for a second configuration tool
Colour-coded bus connectors	Fast installation of communication cables. Fewer faults during installation
Access & control all I/O terminals	Use the drive as remote I/O Block and the need for additional equipment

Facts about our products

VLT®
THE REAL DRIVE

The VLT® DeviceNet MCA 104, integrates seamlessly into leading PLC programming tools.