

VLT® DeviceNet Converter MCA 194

Keep the functionality of the VLT® 5000 with DeviceNet option installed without changing the PLC program.



Ordering number
Coated 130B5601

VLT® DeviceNet Converter MCA 194 emulates a VLT® 5000 on the DeviceNet network. All VLT® 5000 commands from the PLC are translated in the MCA194 to VLT® AutomationDrive FC 302 commands. This eliminates the need to re-write the PLC program and change the configuration.

As a result the investment in the PLC is retained, and no expensive and time consuming re-programming is required. The downtime is limited to the time it takes to exchange the VLT® 5000 to the FC 302 with the MCA194 DeviceNet Converter option installed.

For easy mechanical adaptation, accessory adaptor plates with VLT 5000 mounting holes ensure correct fitting of the FC 302 in panels or on walls.

Easy and compatible

- Emulates all VLT® 5000 I/O Instances 20/70, 100/150, 101/151 and 102/152
- Explicit parameterization using VLT® 5000 parameter access is converted to FC 302 parameters.
- Communication using DeviceNet Class ID 0x04 and Class ID 0x64-0xC7
- VLT® 5000 optimised PLC program does not need to be changed when upgrading/retrofitting
- Spare parts stock can be reduced to FC302 parts only



>4 million devices worldwide

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

Feature	Benefit
Efficient	
Reuses the VLT® 5000 EDS file	No need to change the PLC's hardware configuration
Accepts the VLT® 5000 I/O Instances	No need to rewrite the PLC program
Mounts in a FC302	No need for VLT 5000 and FC 302 spareparts
VLT® Motion Control Tool MCT10 Support via USB and RS485	Full access of FC 302 parameters, where the new features of the FC 302 are accessible (e.g. Logging, scope)
Same DeviceNet connector style	Installed bus connector can be reused or the new color coded connector can be used.

Save installation time with adaptor plates

Reduce downtime and mounting labour costs when exchanging a VLT® 5000 with a VLT® AutomationDrive FC 302. Pre-drilled adaptor plates make it easy to mount a new FC 302 frequency converter in place of a VLT 5000.

Not only does this reduce installation costs, it also eliminates the need for additional modifications to the cabinet or panel where the new drive is installed.

Owners can therefore exchange old drives with new drives in existing systems with ease. This is an advantage when a high degree of flexibility in upgrade strategies is required.



Adaptor plates for mechanical mounting a FC300 where a VLT® 5000 was mounted (130B0056, 130B0058)