



# VLT® DeviceNet Converter MCA 194

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



Ordering number Coated 130B5601

VLT<sup>®</sup> DeviceNet Converter MCA 194 emulates a VLT<sup>®</sup> 5000 on the Device-Net network. All VLT<sup>®</sup> 5000 commands from the PLC are translated in the MCA194 to VLT<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 5000 I/O Instances 20/70, 100/150, 101/151 and 102/152
- Explicit parameterization using VLT<sup>®</sup> 5000 parameter access is converted to FC 302 parameters.
- Communication using DeviceNet Class ID 0x04 and Class ID 0x64-0xC7
- VLT<sup>®</sup> 5000 optimised PLC program does not need to be changed when upgrading/retrofitting
- Spare parts stock can be reduced to FC302 parts only



	Feature	Benefit
nl	Efficient	
de	Reuses the VLT <sup>®</sup> 5000 EDS file	No need to change the PLC's hardware configuration
	Accepts the VLT <sup>®</sup> 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 <sup>®</sup> 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.



Facts about our products

### >4 million devices worldwide

DeviceNet is one of the world's leading devicelevel networks for industrial automation.

ENGINEERING TOMORROW



## Save installation time with adaptor plates

Reduce downtime and mounting labour costs when exchanging a VLT<sup>®</sup> 5000 with a VLT<sup>®</sup> 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)

Danfoss Drives, Ulsnaes 1, DK-6300 Graasten, Denmark, Tel. +45 74 88 22 22, Fax +45 74 65 25 80, www.danfoss.com/drives • E-mail: info@danfoss.com

Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.