



## 134U7747 [↗](#)

FC-280P1K5T4E20H2BXCXXXSXXXXA0

Frequency converter

FC-280P1K5T4E20H2BXCXXXSXXXXA0

VLT® Midi Drive FC-280

1.5 kW / 2.0 HP, Three phase 380-480 VAC

IP20 / Chassis, EMC Cat C3 (200/400V)

Brake chopper, No display

Coated PCB, Latest release

Integrated Profibus DP

Frame: K1

Other options according to Model code

**Model code:** FC-280P1K5T4E20H2BXCXXXSXXXXA0

Note: The FC 280 does not include an LCP display or Memory Module. The LCP and the Memory Module can be ordered as an Accessory.

Note: Mounting adapter plates for VLT2800 are available as an Accessory.

[View Efficiency Data](#) [↗](#)

## Product details

Characteristic	Value
Gross weight	3.08 Kilogram
Net weight	2.65 Kilogram
Volume	16.53 Liter
EAN	5710108037680
Product View (Switch)	Global (Standard)
Product Group	VLT® Midi Drive FC-
Series	280
Power Size	1.5 kW / 2.0 HP
Voltage	Three phase 380-480 VAC
Enclosure	IP20 / Chassis
RFI Filter	EMC Cat C3 (200/400V)
Brake & Stop	Brake chopper
Display	No display
Coating	Coated PCB
Mains Option	No mains options



## Product details

Characteristic	Value
Adaptation A	No Adaption
Adaptation B	No Adaption
Special Version	Latest release
Software Language Pack	Standard language pack
Control Card	Integrated Profibus DP
Frame Size	K1
Typecode Part 1	FC-280P1K5T4E20H2BXC
Typecode Part 2	XXXSXXXXA0
Product Catalog	NO VIEW
Calculated Gross Weight [kg]	2.8
Calculated Net Weight [kg]	2.5
Intermittent Current (HO) [A]	5.9
Intermittent Current (HO) [A]	5.9
Continuous Current (HO) [A]	3.7
Continuous Current (HO) [A]	3.4
Power Loss HO [W]	52.9
kVA	2.6
Power 160% (HO) [KW]	1.5
Height [mm]	210.0
Width w/ no C options [mm]	75.0
Depth [mm]	168.0
Vendor	Cannot Determine Vendor
Recommended Factory	Cannot Determine Vendor
Modelcode01	FC-280P1K5T4E20H2BXC
Modelcode02	XXXSXXXXA0
ECCN EU	Y901
ECCN US	3A999.a
Recommended Plant	ERR01

**For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [↗](#)**

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## Accessories



[130B1107](#)

**VLT® Control Panel LCP 102**

Graphic operating unit LCP102 Illuminated graphic display with plain text. Supports all languages and characters. Quick menu for brief commissioning. Saving and copying parameter sets. Online help for each function



[132B0102](#)

**LCP Remote Mounting Kit, w/ 3m cable**

Remote installation kit for VLT Micro Drive FC 51 for installing an LCP 11 or LCP 12 control unit in a control cabinet door or similar. (can also be retrofitted). Contains fastening elements, seal and 3 m connection cable with plugs. LCP is not included in the scope of delivery.



[132B0254](#)

**VLT® Control Panel LCP 21, numeric**

VLT® Control Panel LCP 21 Numerical



[132B0262](#)

**LCP Blind cover, IP20/21**

Use the blind cover to mount on a VLT® Midi Drive FC 280 when you does not need a control panel.



[132B0281](#)

**Adaptor, Graphical LCP**

Graphic LCP adapter for LCP102



[132B0335](#)

**IP21 / Type 1 conversion kit, K1**

IP21 / Type 1 conversion kit, K1



[132B0359](#)

**VLT®Memory Module MCM 102**



[132B0363](#)

**Adapter Plate, VLT2800 size A**

Adapter Plate, VLT2800 size A VLT 2803-2815 200-240 Volt VLT 2805-2815 380-480 Volt



[132B0364](#)

**Adapter Plate, VLT2800 size B**

Adapter plate, VLT2800 size B VLT 2822 200-240 volts  
VLT 2822-2840 380-480 volts

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## Accessories



[132B0368](#)

**VLT® 24 V DC Supply MCB 106**

VLT® 24 V DC Supply MCB 106 for FC-280

Image  
coming  
soon

[132B0466](#)

**VLT®Memory Module MCM 103**

Memory module (MM) with Profibus converter for VLT® Midi Drive FC280.

With the VLT® memory module Profibus converter MCM 103 can transfer data between Memory module and the VLT® Midi Drive FC280 be transmitted.

Functions:

- Make a full backup all data / parameters (backup)
- Activation of the VLT® 2800 Profibus Converter for FC280
- Restore data / settings
- Transfer of preconfigured parameters settings on the drive or on a drive
- Activate the Profibus converter
- Downward compatibility to VLT2799 installations with Profibus communication
- prevents the new FC280 from being in the PLC program must be created again or new GSD files are needed



[134B0792](#)

**VLT® Memory Module Programmer MCM 101**



[185B0012](#)

**FC-280 Demo Case Ethernet-120 Vac Supply**

Elevate your sales presentations and on-site training with this high-impact, portable VFD demo kit. Showcasing the Danfoss VLT® FC 280 Midi drive, this suitcase provides a dynamic, hands-on experience for demonstrating the benefits of variable frequency drives in motor control. The integrated flywheel and controls simulate a mechanical load, offering a realistic, visual representation of VFD capabilities. 120VAC Supply (Standard outlet in North America) Dimensions: 24.75 in. x 19.50 in. x 12 in. (63 cm x 50 cm x 30 cm)

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