

**134U7715****FC-280P1K1T4E20H1BXCXXSXXXXA0**

Frequency converter  
 FC-280P1K1T4E20H1BXCXXSXXXXA0  
 VLT® Midi Drive FC-280  
 1.1 kW / 1.5 HP, Three phase 380-480 VAC  
 IP20 / Chassis, EMC Cat C1(200V)/C2(400V)  
 Brake chopper, No display  
 Coated PCB, Latest release  
 Integrated Profibus DP  
 Frame: K1  
 Other options according to Model code

**Model code:** FC-280P1K1T4E20H1BXCXXSXXXXA0

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**

|                                      |         |                           |
|--------------------------------------|---------|---------------------------|
| <b>Gross weight</b>                  |         | 3.18 Kilogram             |
| <b>Net weight</b>                    |         | 2.75 Kilogram             |
| <b>Volume</b>                        |         | 16.53 Liter               |
| <b>EAN</b>                           |         | 5710108037468             |
| <b>Product View (Switch)</b>         | GLBL    | Global (Standard)         |
| <b>Product Group</b>                 | FC-     | VLT® Midi Drive FC-       |
| <b>Series</b>                        | 280     | 280                       |
| <b>Power Size</b>                    | P1K1    | 1.1 kW / 1.5 HP           |
| <b>Voltage</b>                       | T4      | Three phase 380-480 VAC   |
| <b>Enclosure</b>                     | E20     | IP20 / Chassis            |
| <b>RFI Filter</b>                    | H1      | EMC Cat C1(200V)/C2(400V) |
| <b>Brake &amp; Stop</b>              | B       | Brake chopper             |
| <b>Display</b>                       | X       | No display                |
| <b>Coating</b>                       | C       | Coated PCB                |
| <b>Mains Option</b>                  | X       | No mains options          |
| <b>Adaptation A</b>                  | X       | No Adaption               |
| <b>Adaptation B</b>                  | X       | No Adaption               |
| <b>Special Version</b>               | SXXX    | Latest release            |
| <b>Software Language Pack</b>        | X       | Standard language pack    |
| <b>Control Card</b>                  | A0      | Integrated Profibus DP    |
| <b>Frame Size</b>                    | K1      | K1                        |
| <b>Typecode Part 1</b>               |         | FC-280P1K1T4E20H1BXC      |
| <b>Typecode Part 2</b>               |         | XXXXXXXA0                 |
| <b>Product Catalog</b>               | NO_VIEW | NO VIEW                   |
| <b>STAT NO</b>                       |         | 64007                     |
| <b>Calculated Gross Weight [kg]</b>  |         | 2.8                       |
| <b>Calculated Package Weight</b>     |         | 0.3                       |
| <b>Calculated Net Weight [kg]</b>    |         | 2.5                       |
| <b>Intermittent Current (HO) [A]</b> | 4.8     | 4.8                       |

Danfoss can accept no responsibility for possible errors in catalogs, 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 sub-sequential 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.

## PRODUCT DETAILS

|                               |         |                         |
|-------------------------------|---------|-------------------------|
| Intermittent Current (HO) [A] | 4.8     | 4.8                     |
| Continuous Current (HO) [A]   | 3       | 3                       |
| Continuous Current (HO) [A]   | 2.8     | 2.8                     |
| Power Loss HO [W]             | 40      | 40                      |
| kVA                           | 2.1     | 2.1                     |
| Power 160% (HO) [KW]          | 1.1     | 1.1                     |
| Height [mm]                   | 210.0   | 210.0                   |
| Width w/ no C options [mm]    | 75.0    | 75.0                    |
| Depth [mm]                    | 168.0   | 168.0                   |
| Vendor                        | ERR01   | Cannot Determine Vendor |
| Recommended Factory           | ERR01   | Cannot Determine Vendor |
| Modelcode01                   |         | FC-280P1K1T4E20H1BXC    |
| Modelcode02                   |         | XXXSXXXXA0              |
| ECCN EU                       | Y901    | Y901                    |
| ECCN US                       | 3A999.a | 3A999.a                 |
| Recommended Plant             | ERR01   | ERR01                   |
| DrivePro category             | EXCH    | Exchange Unit           |

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

## Accessories

**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.

**132B0254** [↗](#)**VLT® Control Panel LCP 21, numeric**

VLT® Control Panel LCP 21 Numerical

**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.

**132B0368** [↗](#)**VLT® 24 V DC Supply MCB 106**

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

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

Danfoss can accept no responsibility for possible errors in catalogs, 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 sub-sequential 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.

---

**Accessories**


---

**132B0364** [🔗](#)**Adapter Plate, VLT2800 size B**

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

---

**132B0363** [🔗](#)**Adapter Plate, VLT2800 size A**

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

---

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
- 

**132B0281** [🔗](#)**Adaptor, Graphical LCP**

Graphic LCP adapter for LCP102

---

**132B0335** [🔗](#)**IP21 / Type 1 conversion kit, K1**

IP21 / Type 1 conversion kit, K1

---

**134B0792** [🔗](#)**VLT® Memory Module Programmer MCM 101**

**For more information, please use this link to visit the product page on Danfoss Product Store** [🔗](#)

Danfoss can accept no responsibility for possible errors in catalogs, 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 sub-sequential 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.