

**134U7716****FC-280P1K5T4E20H1BXCXXSXXXXA0**

Frequency converter  
 FC-280P1K5T4E20H1BXCXXSXXXXA0  
 VLT® Midi Drive FC-280  
 1.5 kW / 2.0 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-280P1K5T4E20H1BXCXXSXXXXA0

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 kg
<b>Net weight</b>		2.75 kg
<b>Volume</b>		16.53 l
<b>EAN</b>		5710108037475
<b>Sales restriction control</b>		
<b>Matr grp for sales restriction</b>	0001	No grouping
<b>VLT® Midi Drive FC 280</b>		
<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>	P1K5	1.5 kW / 2.0 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-280P1K5T4E20H1BXC
<b>Typecode Part 2</b>		XXSXXXXA0
<b>Product Catalog</b>	NO_VIEW	NO VIEW
<b>Calculated Gross Weight</b>		2.8
<b>Calculated Net Weight [kg]</b>		2.5

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## PRODUCT DETAILS

Material Gross Weight	3.18	
Material Net Weight	2.75	
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 NO [W]	NV	
Power Loss NO [W]	NV	
Power Loss HO [W]	52.9	
Power Loss HO [W]	NV	
kVA	2.6	
Power 160% (HO) [KW]	1.5	
Height [mm]	210	
Width w/ no C options [mm]	75	
Depth [mm]	168	
Vendor	ERR01	Cannot Determine Vendor
Recommended Factory	ERR01	Cannot Determine Vendor
Modelcode01	FC-280P1K5T4E20H1BXC	
Modelcode02	XXXSXXXXA0	

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

## 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

**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

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**Accessories**


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**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.

Minimum delivery quantity: 6 (in a collective box with individual packaging)

Image  
coming  
soon

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

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

**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

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**Accessories**

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**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****132B0359** [🔗](#)**VLT® Memory Module MCM 102**

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**Spare Parts**

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**132B0373** [🔗](#)**Decoupling kit, Power / IO, K1**

Decoupling kit, Power / IO, K1

**132B0369** [🔗](#)**Bus cable decoupling kit, FC-280****132B0354** [🔗](#)**Terminal Cover frame size K1****132B0351** [🔗](#)**Fan 50x20 IP21 PWM****132B0350** [🔗](#)**Accessory bag FC-280 plugs**

Accessory bag FC-280 plugs

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**Spare Parts**

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**132B0347** [🔗](#)**VLT® Cassette control - Profibus**

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**Services**

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**130R1102** [🔗](#)**DrivePro® ExWarr Work Shop PG01 36 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drivesworkshop, or shipment of a replacement product to the site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options

**130R1104** [🔗](#)**DrivePro® ExWarr Work Shop PG01 48 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1103** [🔗](#)**DrivePro® ExWarr Work Shop PG01 42 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1105** [🔗](#)**DrivePro® ExWarr Work Shop PG01 54 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site.

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**Services**

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**130R1107** [🔗](#)**DrivePro ExWarr Work Shop PG01 66 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site.

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**130R1106** [🔗](#)**DrivePro ExWarr Work Shop PG01 60 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

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**130R1108** [🔗](#)**DrivePro ExWarr Work Shop PG01 72 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

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**130R1101** [🔗](#)**DrivePro ExWarr Work Shop PG01 30 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drivesworkshop, or shipment of a replacement product to the site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales officefor extended warranty contract options

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**130R1004** [🔗](#)**DrivePro ExWarr Onsite PG01 48 months**

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

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**130R1006** [🔗](#)**DrivePro ExWarr Onsite PG01 60 months**

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

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**Services**

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**130R1002** [🔗](#)**DrivePro ExWarr Onsite PG01 36 months**

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1001** [🔗](#)**DrivePro ExWarr Onsite PG01 30 months**

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1000** [🔗](#)**DrivePro ExWarr Onsite PG01 24 Months**

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1010** [🔗](#)**DrivePro ExWarr Onsite PG02 24 months**

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1008** [🔗](#)**DrivePro ExWarr Onsite PG01 72 months**

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

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**Services**

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**130R1005** [🔗](#)**DrivePro ExWarr Onsite PG01 54 months**

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1003** [🔗](#)**DrivePro ExWarr Onsite PG01 42 months**

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1007** [🔗](#)**DrivePro ExWarr Onsite PG01 66 months**

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1100** [🔗](#)**DrivePro ExWarr Work Shop PG01 24 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drivesworkshop, or shipment of a replacement product to the site.

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**Services**

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**134U7717** [🔗](#)**FC-280P2K2T4E20H1BXCXXSXXXXA0**

Frequency converter  
FC-280P2K2T4E20H1BXCXXSXXXXA0  
VLT® Midi Drive FC-280  
2.2 kW / 3.0 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-280P2K2T4E20H1BXCXXSXXXXA0

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.

**134U7724** [🔗](#)**FC-280P18KT4E20H1BXCXXSXXXXA0**

Frequency converter  
FC-280P18KT4E20H1BXCXXSXXXXA0  
VLT® Midi Drive FC-280  
18.5 kW / 25 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: K5  
Other options according to Model code

**Model code:** FC-280P18KT4E20H1BXCXXSXXXXA0

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.

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