

**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**

Gross weight		3.18 kg
Net weight		2.75 kg
Volume		16.53 l
EAN		5710108037475
Sales restriction control		
Matr grp for sales restriction	0001	No grouping
VLT® Midi Drive FC 280		
Product View (Switch)	GLBL	Global (Standard)
Product Group	FC-	VLT® Midi Drive FC-
Series	280	280
Power Size	P1K5	1.5 kW / 2.0 HP
Voltage	T4	Three phase 380-480 VAC
Enclosure	E20	IP20 / Chassis
RFI Filter	H1	EMC Cat C1(200V)/C2(400V)
Brake & Stop	B	Brake chopper
Display	X	No display
Coating	C	Coated PCB
Mains Option	X	No mains options
Adaptation A	X	No Adaption
Adaptation B	X	No Adaption
Special Version	SXXX	Latest release
Software Language Pack	X	Standard language pack
Control Card	A0	Integrated Profibus DP
Frame Size	K1	K1
Typecode Part 1		FC-280P1K5T4E20H1BXC
Typecode Part 2		XXXXXXXA0
Product Catalog	NO_VIEW	NO VIEW
Calculated Gross Weight		2.8
Calculated Net Weight [kg]		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

**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

For more information, please use this link to visit the product page on Danfoss Product Store 

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Accessories

**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**

Spare Parts

**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

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

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Spare Parts

**132B0347** **VLT® Cassette control - Profibus**

Services

**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. 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

**130R1107** **DrivePro ExWarr Work Shop PG01 66 months**

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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.

**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.

**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

**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.

**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

**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.

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Services

**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

**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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