

**134U7714****FC-280PK75T4E20H1BXCXXSXXXXA0**

Frequency converter  
 FC-280PK75T4E20H1BXCXXSXXXXA0  
 VLT® Midi Drive FC-280  
 0.75 kW / 1.0 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-280PK75T4E20H1BXCXXSXXXXA0

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>		3.16 kg
<b>Net weight</b>		2.73 kg
<b>Volume</b>		16.53 l
<b>EAN</b>		5710108037451
<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>	PK75	0.75 kW / 1.0 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-280PK75T4E20H1BXC
<b>Typecode Part 2</b>		XXSXXXXA0
<b>Product Catalog</b>	NO_VIEW	NO VIEW
<b>Calculated Gross Weight [kg]</b>		2.8
<b>Calculated Net Weight [kg]</b>		2.5

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## PRODUCT DETAILS

Material Gross Weight		3.16
Material Net Weight		2.73
Intermittent Current (HO) [A]		3.5
Intermittent Current (HO) [A]		3.5
Continuous Current (HO) [A]		2.2
Continuous Current (HO) [A]		2.1
Power Loss HO [W]		30
kVA		1.5
Power 160% (HO) [KW]		0.75
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-280PK75T4E20H1BXC
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

**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)

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

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Accessories



**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



**132B0281** [🔗](#)  
**Adaptor, Graphical LCP**  
 Graphic LCP adapter for LCP102



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

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Accessories



**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



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

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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 officefor 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 officefor 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 officefor 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.



**130R1107** [🔗](#)

**DrivePro ExWarr Work Shop PG01 66 months**

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Services



**130R1106** [🔗](#)

**DrivePro ExWarr Work Shop PG01 60 months**

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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.

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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



**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**

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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.

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**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.

**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.

**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.

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Services



**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.

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



**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.

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

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## Services



### 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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