## 134U2981

**FC-280P1K5T4E20H1BXCXXXSXXXXAX**

Frequency converter
FC-280P1K5T4E20H1BXCXXXSXXXXAX
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
Standard w. Modbus
Frame: K1
Other options according to Model code

**Model code:** FC-280P1K5T4E20H1BXCXXXSXXXXAX

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** | | 3.05 kg |
| **Net weight** | | 2.62 kg |
| **Volume** | | 16.53 l |
| **EAN** | | 5710107990009 |
| **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** | AX | Standard w. Modbus |
| **Frame Size** | K1 | K1 |
| **Typecode Part 1** | | FC-280P1K5T4E20H1BXC |
| **Typecode Part 2** | | XXXSXXXXAX |
| **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** | | 3.05 |
| **Material Net Weight** | | 2.62 |
| **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** | | XXXSXXXXAX |

**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

**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

**132B0373**
**Decoupling kit, Power / IO, K1**
Decoupling kit, Power / IO, K1

**132B0354**
**Terminal Cover frame size K1**

**132B0351**
**Fan 50x20 IP21 PWM**

**132B0350**
**Accessory bag FC-280 plugs**
Accessory bag FC-280 plugs

**132B0345**
**VLT® Cassette control - Standard**

## Services

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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**

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### 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.
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### 130R1105

**DrivePro ExWarr Work Shop PG01 54 months**

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### 130R1107

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### 130R1106

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## Services

### 130R1108

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### 130R1101

**DrivePro ExWarr Work Shop PG01 30 months**

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### 130R1004

**DrivePro ExWarr Onsite PG01 48 months**

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### 130R1006

**DrivePro ExWarr Onsite PG01 60 months**

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### 130R1002

**DrivePro ExWarr Onsite PG01 36 months**

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## Services

### 130R1001

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### 130R1000

**DrivePro ExWarr Onsite PG01 24 Months**

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### 130R1010

**DrivePro ExWarr Onsite PG02 24 months**

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### 130R1008

**DrivePro ExWarr Onsite PG01 72 months**

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### 130R1005

**DrivePro ExWarr Onsite PG01 54 months**

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## Services

### 130R1003

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### 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**

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