



132F0020

FC-051P1K5T4E20H3BXCXXXSXXX

Frequency Converter
 FC-051P1K5T4E20H3BXCXXXSXXX
 VLT® Micro Drive FC-51
 (P1K5) 1.5 KW / 2.0 HP, Three phase
 380 - 480 VAC, (E20) IP20 / Chassis
 (H3) RFI Class A1/B (C1)
 Brake chopper
 No Loc. Cont. Panel
 Coated PCB, No Mains Option
 M2-FRAME
 Other options according to Model code

Model code: FC-051P1K5T4E20H3BXCXXXSXXX

The VLT® Micro Drive is a general-purpose drive that can control AC motors up to 22.0 kW. It is a small drive with maximum strength and reliability. The VLT® Micro Drive is manufactured with respect for the environment, and it complies with the RoHS Directive.

Note: Order the LCP display separately as an accessory.

[View Efficiency Data](#)

PRODUCT DETAILS

Gross weight	1.883 kg
Net weight	1.517 kg
Volume	4.558 l
EAN	5702427357563
Proposition 65	WARNING: Cancer and Reproductive Harm www.p65warnings.ca.gov

VLT® MICRO DRIVE FC 051 SERIES

Product View (Switch)	GLBL	Global (Standard)
Product Group	FC-	VLT® Micro Drive FC-
Micro Drive Series	051	51
Power Rating	P1K5	(P1K5) 1.5 KW / 2.0 HP
Phase	T	Three phase
Mains Voltage	4	380 - 480 VAC
Enclosure	E20	(E20) IP20 / Chassis
RFI Filter	H3	(H3) RFI Class A1/B (C1)
Brake - Safe Stop	B	Brake chopper
LCP	X	No Loc. Cont. Panel
Coating PCB	C	Coated PCB
Mains Option	X	No Mains Option
Adaptation A	X	Standard Cable Entries
Adaptation B	X	No adaptation
Software Release	SXXX	Latest release std. SW.
Frame Size	M2	M2-FRAME
Typcode Part 1	FC-051P1K5T4E20H3BXCXXXSXXX	
Modelcode01	FC-051P1K5T4E20H3BXCXXXSXXX	

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PRODUCT DETAILS

Product Catalog	NO_VIEW	NO VIEW
Calculated Gross Weight [kg]		1.9
Calculated Net Weight [kg]		1.6
Plant from Orderline		B902

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

Accessories

**130B0384** [🔗](#)**EMC filter, 8.5A, 480V, 50hz, B1**

EMC filter, 8.5A, 480V, 50hz, B1

**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)

**132B0101** [🔗](#)**VLT® Control Panel LCP 12, w. potmeter**

Numerical control unit with integrated potentiometer for VLT Micro Drive FC 51.

Fully enclosed housing design (IP 20 / front IP 54).

Quick menu for quick commissioning, manual / auto switchover and alarm acknowledgment.

With copy function to save and transfer the device parameters.

**132B0100** [🔗](#)**VLT® Control Panel LCP 11 w/o potmeter**

Local control panel for VLT® Micro Drive FC51. Enclosure IP20/Front

IP54. Numerical LCP with Quick-Menu for commissioning and local control.

Status readout, Hand/Auto-selection, Reset and Navigation keys, Copy and parameter store functionality.

**132B0132** [🔗](#)**LCP Remote Mounting Cable, 3m**

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Accessories



132B0131 [🔗](#)

Blank Cover

The VLT® Protection blank cover is for protecting drives and connectors when no LCP is chosen. The minimum order quantity is 14 pcs.



132B0111 [🔗](#)

DIN Rail Mounting Kit, M1, M2

DIN rail adapter for VLT Micro Drive FC 51 only for size M1. For time-saving installation on 35mm standard top hat rails (DIN EN 50022).
Minimum delivery quantity: 24 (in a collective box with individual packaging)



132B0109 [🔗](#)

IP21/Type1 conversion kit, M2

IP 21 covers for VLT Micro Drive FC 51 in size M2.
Increases the degree of protection of the housing and offers additional protection against accidental contact.
Minimum delivery quantity: 3 (in a collective box with individual packaging)



132B0106 [🔗](#)

Decoupling Plate Mounting Kit, M1, M2

EMC Disconnect Kit for VLT Micro Drive FC-051
For enclosure sizes M1 and M2.
Product group: M



132B0104 [🔗](#)

Nema 1 Conversion Kit, M2

Spare Parts



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)

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Spare Parts



132B0127 [🔗](#)

FC-051 Spare part kit for frame size M2

Spare part kit contains terminal cover, RS485 plug and grounding screw. For each frame size, there is one relative spare part kit.

Services



130R1118 [🔗](#)

DrivePro ExWarr Work Shop PG02 72 Month

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.



130R1117 [🔗](#)

DrivePro ExWarr Work Shop PG02 66 Month

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130R1127 [🔗](#)

DrivePro ExWarr Work Shop PG03 66 Month

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130R1128 [🔗](#)

DrivePro ExWarr Work Shop PG03 72 Month

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Services



130R1102 [🔗](#)

DrivePro ExWarr Work Shop PG01 36 Month

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130R1104 [🔗](#)

DrivePro ExWarr Work Shop PG01 48 Month

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130R1103 [🔗](#)

DrivePro ExWarr Work Shop PG01 42 Month

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130R1105 [🔗](#)

DrivePro ExWarr Work Shop PG01 54 Month

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130R1107 [🔗](#)

DrivePro ExWarr Work Shop PG01 66 Month

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130R1106 [🔗](#)

DrivePro ExWarr Work Shop PG01 60 Month

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Services



130R1108 [🔗](#)

DrivePro ExWarr Work Shop PG01 72 Month

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130R1101 [🔗](#)

DrivePro ExWarr Work Shop PG01 30 Month

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.



130R1002 [🔗](#)

DrivePro ExWarr Onsite PG01 36 Months

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Services



130R1001 [🔗](#)

DrivePro ExWarr Onsite PG01 30 Months

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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.



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

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Services

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

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**132F0020** [🔗](#)**FC-051P1K5T4E20H3BXCXXXSXXX**

Frequency Converter
FC-051P1K5T4E20H3BXCXXXSXXX
VLT® Micro Drive FC-51
(P1K5) 1.5 kW / 2.0 HP, Three phase
380 - 480 VAC, (E20) IP20 / Chassis
(H3) RFI Class A1/B (C1)
Brake chopper
No Loc. Cont. Panel
Coated PCB, No Mains Option
M2-FRAME
Other options according to Model code

Model code: FC-051P1K5T4E20H3BXCXXXSXXX

The VLT® Micro Drive is a general-purpose drive that can control AC motors up to 22.0 kW. It is a small drive with maximum strength and reliability. The VLT® Micro Drive is manufactured with respect for the environment, and it complies with the RoHS Directive.

Note: Order the LCP display separately as an accessory.

**130R1370** [🔗](#)**DrivePro Start-up Travel Time 1h extra**

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