

**132F0005****FC-051P1K5S2E20H3BXCXXXSXXX**

Frequency Converter
 FC-051P1K5S2E20H3BXCXXXSXXX
 VLT® Micro Drive FC-51
 (P1K5) 1.5 KW / 2.0 HP, Single phase
 200 - 240 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-051P1K5S2E20H3BXCXXXSXXX

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	2.03 kg	
Net weight	1.9 kg	
Volume	4.612 l	
EAN	5702427357471	
Sales restriction control		
Matr grp for sales restriction	0001	No grouping
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	S	Single phase
Mains Voltage	2	200 - 240 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
Typecode Part 1	FC-051P1K5S2E20H3BXCXXXSXXX	
Modelcode01	FC-051P1K5S2E20H3BXCXXXSXXX	
Product Catalog	NO_VIEW	NO VIEW

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PRODUCT DETAILS

Calculated Gross Weight [kg]		1.9
Calculated Net Weight [kg]		1.6
Vendor	ERR01	Cannot Determine Vendor
Recommended Factory	ERR01	Cannot Determine Vendor
Material Gross Weight		2.03
Material Net Weight		1.9

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

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)


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.


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)

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Accessories



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



175N2584 [↗](#)

VLT® EtherNet/IP Modbus TCP gateway

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)



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.

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Services

**130R1118** [🔗](#)**DrivePro ExWarr Work Shop PG02 72 months**

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**130R1117** [🔗](#)**DrivePro ExWarr Work Shop PG02 66 months**

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**130R1127** [🔗](#)**DrivePro ExWarr Work Shop PG03 66 months**

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**130R1128** [🔗](#)**DrivePro ExWarr Work Shop PG03 72 months**

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

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Services

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

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

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

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

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

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Services

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

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Services



130R1000 [🔗](#)

DrivePro ExWarr Onsite PG01 24 Months

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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

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

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130R1100 [🔗](#)

DrivePro ExWarr Work Shop PG01 24 months

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Frequency Converter

FC-051P1K5S2E20H3BXCXXSXXX

VLT® Micro Drive FC-51

(P1K5) 1.5 KW / 2.0 HP, Single phase

200 - 240 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-051P1K5S2E20H3BXCXXSXXX

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