



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	
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
Typecode Part 1	FC-051P1K5T4E20H3BXCXXXSXXX	
Modelcode01	FC-051P1K5T4E20H3BXCXXXSXXX	
Product Catalog	NO_VIEW	NO VIEW
Calculated Gross Weight [kg]	1.9	
Calculated Net Weight [kg]	1.6	

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PRODUCT DETAILS

ECCN EU		Y901
ECCN US		3A999.a
Vendor	ERR01	Cannot Determine Vendor
Recommended Factory	ERR01	Cannot Determine Vendor
Recommended Plant		ERR01

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.



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



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.

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

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Accessories

**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****175N2584** [🔗](#)**VLT® EtherNet/IP Modbus TCP gateway****132B0657** [🔗](#)**FC21 LCP spare part**

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

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