



132F0001 E

FC-051PK18S2E20H3XXCXXXSXXX

FC-051PK18S2E20H3XXCXXXSXXX

Frequency Converter
FC-051PK18S2E20H3XXCXXXSXXX
VLT® Micro Drive FC-51
0.18 KW / 0.25 HP, Single phase
200 - 240 VAC, (E20) IP20 / Chassis
(H3) RFI Class A1/B (C1)
No brake chopper
No Loc. Cont. Panel
Coated PCB, No Mains Option
M1-FRAME
Other options according to Model code

Model code: FC-051PK18S2E20H3XXCXXXSXXX

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		2.143 kg
Net weight		1.059 kg
Volume		4.612
EAN		5702427357440
Sales restriction control	,	
Matr grp for sales restriction	0001	No grouping
VLT® MICRO DRIVE FC 051 SERIE	S	
Product View (Switch)	GLBL	Global (Standard)
Product Group	FC-	VLT® Micro Drive FC-
Micro Drive Series	051	51
Power Rating	PK18	0.18 KW / 0.25 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	X	No brake chopper
LCP	X	No Loc. Cont. Panel
Coating PCB	С	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	M1	M1-FRAME
Typecode Part 1		FC-051PK18S2E20H3XXCXXXSXXX



PRODUCT DETAILS

Modelcode01		FC-051PK18S2E20H3XXCXXXSXXX	
Product Catalog	NO_VIEW	NO VIEW	
Calculated Gross Weight [kg]		1.4	
Calculated Net Weight [kg]		1.1	
Vendor	ERR01	Cannot Determine Vendor	
Recommended Factory	ERR01	Cannot Determine Vendor	
Material Gross Weight		2.143	
Material Net Weight		1.059	

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store $\ensuremath{\mathbb{Z}}$

Accessories



132B0103 @

Nema 1 Conversion Kit, M1



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 ¹²

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.

For more information, please use this link to visit the product page on Danfoss Product Store 🗷



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)



132B0108 @

IP21/Type1 conversion kit, M1



132B0106 2

Decoupling Plate Mounting Kit, M1, M2

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

Product group: M



175N2584 12

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.

Contains lastering elements, sear and 5 m connection caste with plags.

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 🗷





130R1118 🗷

DrivePro ExWarr Work Shop PG02 72 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.



130R1117 🖸

DrivePro ExWarr Work Shop PG02 66 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.



130R1127 🗷

DrivePro ExWarr Work Shop PG03 66 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.



130R1128 🗷

DrivePro ExWarr Work Shop PG03 72 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.



130R1102 ¹²

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

For more information, please use this link to visit the product page on Danfoss Product Store 🗅





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

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.



130R1106 🗷

DrivePro ExWarr Work Shop PG01 60 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.



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.

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.

For more information, please use this link to visit the product page on Danfoss Product Store





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 2

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 P

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

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.



130R1001 🗷

DrivePro ExWarr Onsite PG01 30 months

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

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For more information, please use this link to visit the product page on Danfoss Product Store





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

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 officefor extended warranty contract options

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(H3) RFI Class A1/B (C1)
No brake chopper
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