131B0468

FC-302P7K5T5E20H1XGXXXXSXXXXA0BXCXXXXD0
Frequency converter
FC-302P7K5T5E20H1XGXXXXSXXXXA0BXCXXXXD0
(FC-) VLT® AutomationDrive FC-302
(P7K5) 7.5 KW / 10 HP, (T) Three phase
(5) 380 - 500 VAC, (E20) IP20 / Chassis
(H1) RFI Class A1/B (C1)
(X) No brake chopper
(G) Graphical Loc. Cont. Panel
(X) Not coated PCB, (X) No Mains Option
(A0) PROFIBUS DP MCA 101, (BX) No B Option
(CX) No C0 option, (X) No C1 option
(XX) No software option, (D0) MCB-107 24V DC backup
Frame: A3
Other options according to Model code

Model code: FC-302P7K5T5E20H1XGXXXXSXXXXA0BXCXXXXD0

The VLT® AutomationDrive represents a single drive concept that controls the entire range of operations from ordinary to servo like applications on any machine or production line.

View Efficiency Data ↗

PRODUCT DETAILS

Gross weight	7.59 kg
Net weight	7 kg
Volume	22.04 l
EAN	5702427145085

VLT® AUTOMATIONDRIVE FC 300 SERIES

Product Group	FC-	(FC-) VLT® AutomationDrive FC-
Series	302	302
Power Rating	P7K5	(P7K5) 7.5 KW / 10 HP
Phase	T	(T) Three phase
Mains Voltage	5	(5) 380 - 500 VAC
Enclosure	E20	(E20) IP20 / Chassis
RFI Filter	H1	(H1) RFI Class A1/B (C1)
Brake - Safe Stop	X	(X) No brake chopper
LCP	G	(G) Graphical Loc. Cont. Panel
Coating PCB	X	(X) Not coated PCB
Mains Option	X	(X) No Mains Option
Adaptation A	X	(X) Standard Cable Entries
Adaptation B	X	(X) No adaptation
A Option	A0	(A0) PROFIBUS DP MCA 101
B Option	BX	(BX) No B Option
C0 Option MCO	CX	(CX) No C0 option
C1 Option	X	(X) No C1 option
C Option Software	XX	(XX) No software option
D Option	D0	(D0) MCB-107 24V DC backup
Frame Size	A3	A3

PRODUCT DETAILS

Typecode Part 1		FC-302P7K5T5E20H1XGX
Typecode Part 2		XXXSXXXXA0BXCXXXXD0
Calculated Gross Weight		7.3
Calculated Net Weight [kg]		7
Continuous Current (HO) [A]		16
Continuous Current (HO) [A]		14.5
Continuous Current (NO) [A]		NV
Continuous Current (NO) [A]		NV
Depth [mm]		205,0
Depth with Option A/B [mm]		220,0
Height [mm]		268,0
Height w/ Regen/Loadshare [mm]		NV
Intermittent Current (HO) [A]		25.6
Intermittent Current (HO) [A]		23.2
Intermittent Current (NO) [A]		NV
Intermittent Current (NO) [A]		NV
kVA		11.1
Material Gross Weight		7.59
Material Net Weight		7
Modelcode01		FC-302P7K5T5E20H1XGX
Modelcode02		XXXSXXXXA0BXCXXXXD0
Power 110% (NO) [KW]		NV
Power 150% (HO) [KW]		NV
Power 160% (HO) [KW]		7.5
Power 180% (HO) [KW]		NV
Power Loss HO [W]		225
Power Loss HO [W]		225
Power Loss NO [W]		NV
Power Loss NO [W]		NV
Product Catalog	NO_VIEW	NO VIEW
Product View (Switch)	GLBL	Global (Standard)
Software Language Pack	X	(X) Standard Language Pack
Software Release	SXXX	(SXXX) Latest release std. SW.
Vendor	ERR01	Cannot Determine Vendor
Width w/ no C options [mm]		130,0

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store ⧉

Accessories

Image coming soon

130B3290 ⧉

VLT® Safe option MCB 151, coated
VLT® Safe option MCB 151, painted for HTL feedback, can be used up to PL d or SIL 2

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

Accessories

130B3280 ↗
VLT® Safe option MCB 150, coated
Safety modules enable machines to interact intelligently with operators to increase safety, reduce system costs, improve flexibility and increase productivity.
VLT® MCB 15x Safe options provide an intelligent, user-friendly solution to meet the IEC 61800-5-2 functional safety standard and helps to reduce cabling.
The new safety module is certified according to ISO 13849-1 PL d Category 3 and SIL 2 according to IEC 61508.

130B7635 ↗
VLT® Lift Controller MCO 361
VLT® Motion Control MCO 305 with special software for lift application

130B7531 ↗
Mounting Kit f. C Option, 60mm, A2/A3
VLT® Mounting kit for enclosure sizes A2 and A3.
Must be used when retrofitting 1 pc. of the following MCO options, together with MCB 113 Extended relay card (Located in MCO slot):
MCO 305 Programmable Motion Controller
MCO 350 Synchronizing Controller
MCO 351 Positioning controller
MCO 360 Salt Controller
MCO 361 Lift Controller
Product group: R

130B7530 ↗
Mounting Kit f. C Option, 40mm, A2/A3
MCF 105 assembly kit A2 / A3 for C option

130B7401 ↗
NEMA 1 Conversion Kit, Top, 10 pcs, A3

130B7145 ↗
VLT® SALT Controller MCO 360

130B6443 ↗
VLT® Safety Option MCB 140
VLT® MCB140 Safe Option extends the Safe Torque Off feature of VLT® frequency converters with additional safety functions. These are Safe Stop 1 (SS1), Safely Limited Speed (SLS), Safe Maximum Speed (SMS) and Safe Speed Monitor (SSM).
Extends the Safe Torque Off feature of VLT® drives with additional safety functions: Safe Stop 1 (SS1), Safely Limited Speed (SLS), Safe Maximum Speed (SMS) and Safe Speed Monitor (SSM).

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

Accessories

Image coming soon

130B9860 ⬈

VLT® Safety Option MCB152, coated

Safety modules enable machines to interact intelligently with operators to increase safety, reduce system costs, improve flexibility and increase productivity.

VLT® Safety Option MCB152 provides an intelligent, user-friendly solution to meet the IEC 61800-5-2 functional safety standard and helps to reduce cabling. MCB152 enables activation of the Safe Torque Off (STO) irrespective of where a hazard occurs.

The new safety module is certified according to ISO 13849-1 PL d Category 3 and SIL 2 according to EN IEC 61508.

The combination of VLT® Safety Option MCB152, PROFINET fieldbus option MCA120, and the control card of the VLT® AutomationDrive constitutes a PROFIsafe device.

130B5645 ⬈

Leakage Current Monitor Kit, A2, A3

130B1234 ⬈

VLT® Motion Control MCO 305, coated

Integrated and programmable motion controller for VLT ® AutomationDrive FC 301 and FC 302

- Adds additional functionality and flexibility as it is a freely programmable module

- Optimized for all types of positioning and synchronization applications

- Make your own program specially adapted to your application

Contains:

- synchronization (electronic shaft), positioning and electronic cam control

- 2 inputs support both stepwise and absolute encoders

- 1 encoder output (virtual master function)

10 digital inputs

- 8 digital outputs

- Sends and receives data via fieldbus interface (requires fieldbus option)

- PC software for programming and commissioning

Remember to order the Mounting kit if the above MCO option is required retrofitted.

130B7530 - Mounting kit for enclosures A2 and A3

130B7531 - Mounting kit for MCO Option, together with MCB 113, in enclosures A2 and A3

130B1413 - Mounting kit for enclosure B3

130B1414 - Mounting kit for MCO Option, together with MCB 113, in enclosure B3

130B7532 - Mounting kit for enclosure A5

130B7533 - Mounting kit for all enclosures B, C, D, E and F (B3 excepted)

Danfoss MCO options are not sold without prior advice.

Danfoss can offer help with programming / setting up MCO options.

Contact Danfoss for advice and prices.

Product group: R

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

ENGINEERING
TOMORROW

Accessories

130B1227 ☐

VLT® Resolver Input MCB 103, coated

Resolver extension for FC 300. Enables the connection of the following

Resolver types:

Input voltage: 4..8 Vrms

Input frequency: 2.5..15 kHz

Number of resolver poles: 2 or 4

130B1220 ☐

VLT® Safe PLC I/O MCB 108, coated

Increases security and helps you meet requirement security levels

- VLT® AutomationDrive FC 302 has a safety input based on a

single pole 24 V DC input

- Security in a cost-effective way

Possibility of connection to two conductor safety system

Possibility to interrupt on the plus or minus side without disturbing

the sensor signal

130B1264 ☐

VLT® Extended Relay Card MCB 113, ctd

Adds 7 digital inputs and 2 analog outputs for increased flexibility. 4

SPDT relays. Meets NAMUR recommendations. Galvanic isolation capability.

130B1253 ☐

VLT® Position Controller MCO 351, ctd

Extends the functional characteristics of the frequency converter in positioning

applications

- Direct positioning via fieldbus, relative positioning, absolute positioning and

touch probe positioning

- End stop handling (software and hardware)

- Mechanical brake handling (programmable hold delay)

Error handling

- Jog speed / manual operation

- None for programming, as it is pre-programmed

Remember to order the Mounting kit if the above MCO option is required

retrofitted.

130B7530 - Mounting kit for enclosures A2 and A3

130B7531 - Mounting kit for MCO Option,

together with MCB 113, in enclosures A2 and A3

130B1413 - Mounting kit for enclosure B3

130B1414 - Mounting kit for MCO Option,

together with MCB 113, in enclosure B3

130B7532 - Mounting kit for enclosure A5

130B7533 - Mounting kit for all enclosures B, C, D, E and F (B3

excepted)

Danfoss MCO options are not sold without prior advice.

Danfoss can offer help with programming / setting up MCO options.

Contact Danfoss for advice and prices.

Product group: R

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

ENGINEERING TOMORROW

Accessories

130B1252 ⧉
VLT® Synchronizing Ctrl. MCO 350, ctd

MCO 350 - synchronous controller
Based on the MCO 305 prefabricated controller for Synchronization tasks. The adjustment
takes place through parameter settings. Specific Programming skills are not required.
- 2 encoder inputs, both for incremental as well as absolute encoder
- 1 encoder output (virtual master function)
- 10 additional digital inputs
- 8 additional digital outputs
- fieldbus Communication (requires fieldbus card) with reinforced coating

130B1172 ⧉
VLT® Sensor Input Card MCB 114, unctd
Protects the motor from being overheated by monitoring the temperature
of bearings and windings in the motor. Three self-detecting sensor
inputs for 2 or 3 wire PT100/PT1000 sensors. One additional analog input
4–20 mA.

130B1170 ⧉
LCP Panel Mounting Kit
The kit includes fasteners and gasket. No LCP and no cable included.

130B1212 ⧉
VLT® General Purpose I/O MCB 101, ctd
MCB 101 - Advanced I / O option
Expands the number of freely programmable
Control inputs and outputs around the following I / Os:
- 3 digital inputs opto-decoupled 0 - 24 V.
- 2 analog inputs 0 - 10 V.
- 2 digital outputs NPN / PNP switchable 24 V
- 1 analog output 0/4 - 20 mA
with reinforced coating

130B1210 ⧉
VLT® Relay Option MCB 105, coated
Relay extension for FC 100 and FC 300.
Extension with 3 additional load relays (changeover contacts),
easy to retrofit thanks to modular technology.
Painted version for harsh environments,
easy to retrofit thanks to modular technology.
Max. Load 240V AC (resistive): 2 A
Max. Load 240V AC (Cos Phi 0.4): 0.2 A
Max. Load 24V DC (ohmic): 1 A
Max. Load 24V DC (inductive): 0.1 A

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

Accessories

130B1203 ↗
VLT® Encoder Input MCB 102, coated
Offers the possibility to connect various types of incremental and absolute encoders. The connected encoder can be used for closed-loop speed control as well as closed-loop flux motor control.

130B1383 ↗
acc. bag multipck 5 pc frame A2/3
Krones acc. bag multipack 5pcs for A2/3-frame.

130B1272 ↗
VLT® Sensor Input Card MCB 114, coated
MCB 114 - PT100 / PT1000 option
For FC100-FC200 and FC302 (painted version)
Enables the evaluation of up to 3 PT 100 or 3 PT 1000 sensors
- Connection of 2 and 3 wire sensors
- Automatic detection of the sensor type
- Additional 4-20mA input

130B1164 ↗
VLT® Extended Relay Card MCB 113
Adds 7 digital inputs and 2 analog outputs for increased flexibility. 4 SPDT relays. Meets NAMUR recommendations. Galvanic isolation capability.

130B1006 ↗
VLT® Motion Ctrl Tool MCT 10>100 lic.
An interactive tool for quick and easy online/offline configuration of a VLT® drive or soft starter using a PC. Configure communication networks and back up relevant parameter settings. Control and configure systems simultaneously and monitor entire system more effectively for faster monitoring, diagnosis, troubleshooting (alarms/warnings) and better preventive maintenance.

130B1005 ↗
VLT® Motion Ctrl Tool MCT 10,100 lic.
An interactive tool for quick and easy online/offline configuration of a VLT® drive or soft starter using a PC. Configure communication networks and back up relevant parameter settings. Control and configure systems simultaneously and monitor entire system more effectively for faster monitoring, diagnosis, troubleshooting (alarms/warnings) and better preventive maintenance.

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

Accessories

130B1004 ↗
VLT® Motion Ctrl Tool MCT 10,50 lic.
An interactive tool for quick and easy online/offline configuration of a VLT® drive or soft starter using a PC. Configure communication networks and back up relevant parameter settings. Control and configure systems simultaneously and monitor entire system more effectively for faster monitoring, diagnosis, troubleshooting (alarms/warnings) and better preventive maintenance.

130B1003 ↗
VLT® Motion Ctrl Tool MCT 10,25 lic.
An interactive tool for quick and easy online/offline configuration of a VLT® drive or soft starter using a PC. Configure communication networks and back up relevant parameter settings. Control and configure systems simultaneously and monitor entire system more effectively for faster monitoring, diagnosis, troubleshooting (alarms/warnings) and better preventive maintenance.

130B1002 ↗
VLT® Motion Ctrl Tool MCT 10,10 lic.
An interactive tool for quick and easy online/offline configuration of a VLT® drive or soft starter using a PC. Configure communication networks and back up relevant parameter settings. Control and configure systems simultaneously and monitor entire system more effectively for faster monitoring, diagnosis, troubleshooting (alarms/warnings) and better preventive maintenance.

130B1001 ↗
VLT® Motion Ctrl Tool MCT 10,5 lic.
An interactive tool for quick and easy online/offline configuration of a VLT® drive or soft starter using a PC. Configure communication networks and back up relevant parameter settings. Control and configure systems simultaneously and monitor entire system more effectively for faster monitoring, diagnosis, troubleshooting (alarms/warnings) and better preventive maintenance.

130B1000 ↗
VLT® Motion Ctrl Tool MCT 10,1 lic.
An interactive tool for quick and easy online/offline configuration of a VLT® drive or soft starter using a PC. Configure communication networks and back up relevant parameter settings. Control and configure systems simultaneously and monitor entire system more effectively for faster monitoring, diagnosis, troubleshooting (alarms/warnings) and better preventive maintenance.

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

Accessories

130B0185 ↗
Adapter Plate, 395x220mm
With the adapter plate you can replace a VLT® 5/6/8000 by a FC drive without having to drill new
holes for the FC drive. This makes it easy and fast to replace a VLT® 5/6/8000, and as there will
be no drilling there will be no swarf harming the electric components.
The following VLT® 5/6/8000 can be mounted on the Adapter Plate 130B0185:
IP20 Compact: 200-240Volt VLT5001-5006, 380/500Volt VLT5001-5011
IP20/NM1: 200-240Volt VLT6002-6005, 380/460Volt VLT6002-6011, 380-480Volt VLT8006-8011, 550-600Volt
VLT 5001-5011, 525-690Volt VLT8002-8011

130B0058 ↗
Adapter Plate, 415x279mm
With the adapter plate you can replace a VLT® 3000 by a FC drive without having to drill new holes
for the FC drive. This makes it easy and fast to replace a VLT® 3000, and as there will be no
drilling there will be no swarf harming the electric components.
It is possible to install one FC drive with or without C Option in the same place as one VLT® 3000.
The following VLT® 3000 can be mounted on the Adapter Plate 130B0058:
IP20: 220/380/500Volt VLT3002-3004 with brake, 380/500Volt VLT3006-3008 with no brake
IP21: 220/380/500Volt VLT3002-3004 with brake, 380/500Volt VLT3006-3008 with no brake
IP54: 220Volt VLT3002-3004 with no brake, 220Volt VLT3004 with brake, 380/500Volt VLT3002-3004 with
brake, 380/500Volt VLT3002-3006 with no brake

130B1134 ↗
VLT® Motion Control MCO 305, uncoated
Integrated and programmable motion controller for VLT ® AutomationDrive FC 301 and FC 302
- Adds additional functionality and flexibility as it is a freely programmable module
- Optimized for all types of positioning and synchronization applications
- Make your own program specially adapted to your application
Contains:
- synchronization (electronic shaft), positioning and electronic cam control
- 2 inputs support both stepwise and absolute encoders
- 1 encoder output (virtual master function)
10 digital inputs
8 digital outputs
- Sends and receives data via fieldbus interface (requires fieldbus Option)
- PC software for programming and commissioning.
Remember to order the Mounting kit if the above MCO option is required retrofitted.
130B7530 - Mounting kit for enclosures A2 and A3
130B7531 - Mounting kit for MCO Option, together with MCB 113, in enclosures A2 and A3.
130B1413 - Mounting kit for enclosure B3
130B1414 - Mounting kit for MCO Option, together with MCB 113, in enclosure B3
130B7532 - Mounting kit for enclosure A5
130B7533 - Mounting kit for all enclosures B, C, D, E and F (B3 excepted)
Danfoss MCO options are not sold without prior advice. Danfoss can offer help with
programming / setting up MCO options. Contact Danfoss for advice and prices.
Product group: R

Accessories

130B1133 ↗
IP 21/Type 1 conversion kit, top, A3
This is only the top part of the kit - If you need a kit with both top and bottom please order
130B1123

130B1127 ↗
VLT® Resolver Input MCB 103, uncoated
Enables connection of a resolver to provide speed feedback from the
motor. Spring loaded connection.

130B1125 ↗
VLT® General Purpose I/O MCB 101,unctd
MCB 101 - Advanced I / O option
Expands the number of freely programmable Control inputs and outputs around the following I / Os:
- 3 digital inputs opto-decoupled 0 - 24 V.
- 2 analog inputs 0 - 10 V.
- 2 digital outputs NPN / PNP switchable 24 V
- 1 analog output 0/4 - 20 mA

130B1124 ↗
VLT® Control Panel LCP 101, numeric
Numerical control unit for FC 100 and FC 300. Allows access to all device parameters.
Quick menu for brief commissioning. Manual / auto switchover and alarm acknowledgment.

130B1123 ↗
IP 21/Type 1 conversion kit, A3
Cover for housing size A3, type 1 MCF 101 NEMA1 / IP21

130B1120 ↗
VLT® Safe PLC I/O MCB 108, uncoated
Connection converter for FC 300 with control input for a safe stop. Allows secure connection.
Output modules with diagnostic pulse (Cross-circuit monitoring).

130B1117 ↗
LCP Mounting Kit, w/ no LCP
The kit includes fasteners, 3m cable and gasket - There is no LCP
included.

130B1115 ↗
VLT® Encoder Input MCB 102, uncoated
Offers the possibility to connect various types of incremental and
absolute encoders. The connected encoder can be used for closed-loop
speed control as well as closed-loop flux motor control.

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

ENGINEERING
TOMORROW

Accessories

130B1114 ↗

LCP Mounting Kit w/ numerical LCP101, 3m

The kit includes numerical LCP, fasteners, 3m cable and gasket.

130B1113 ↗

lcp panel kit/fc300 fg-lcp panel kit

The kit includes graphical LCP, fasteners, 3m cable and gasket.

130B1112 ↗

Sub-D9 Adapter kit, A1, A2, A3

SUB-D9 plug adapter for FC 100 and FC 300. Allows the use of SUB-D9 connectors at the Profibus DP interface.

130B1110 ↗

VLT® Relay Option MCB 105, uncoated

Relay extension for FC 100 and FC 300. Extension with 3 additional load relays (changeover contacts), easy to retrofit thanks to modular technology.
Max. Load 240V AC (resistive): 2 A
Max. Load 240V AC (Cos Phi 0.4): 0.2 A
Max. Load 24V DC (ohmic): 1 A
Max. Load 24V DC (inductive): 0.1 A

130B1153 ↗

VLT® Position Controller MCO351, unctd

Extends the functional characteristics of the frequency converter in positioning applications
- Direct positioning via fieldbus, relative positioning, absolute positioning and touch probe positioning
- End stop handling (software and hardware)
- Mechanical brake handling (programmable hold delay)
Error handling
- Jog speed / manual operation
- None for programming, as it is pre-programmed
Remember to order the Mounting kit if the above MCO option is required retrofitted.
130B7530 - Mounting kit for enclosures A2 and A3
130B7531 - Mounting kit for MCO Option, together with MCB 113, in enclosures A2 and A3
130B1413 - Mounting kit for enclosure B3
130B1414 - Mounting kit for MCO Option, together with MCB 113, in enclosure B3
130B7532 - Mounting kit for enclosure A5
130B7533 - Mounting kit for all enclosures B, C, D, E and F (B3 excepted)
Danfoss MCO options are not sold without prior advice. Danfoss can offer help with programming / setting up MCO options. Contact Danfoss for advice and prices.
Product group: R

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

Accessories

130B1152 ↗
VLT® Synchronizing Contr. MCO350,unctd

Expands the functional properties of the VLT® AutomationDrive in synchronizing applications, and replaces traditional mechanical solutions. Speed synchronizing. Position (angle) synchronizing with or without marker correction. Online adjustable gear ratio. Online adjustable position (angle) offset. Encoder output with virtual master function for synchronization of multiple followers. Control via I/Os or fieldbus. Home function. Configuration as well as read-out of status and data via the Local Control Panel of the drive.

130B1137 ↗
VLT® PTC Thermistor Card MCB 112, ctd

MCB 112 PTC - thermistor relay MS220DA In connection with ATEX certified explosion-proof motors for full motor protection. Certified PTC sensors are the sole protection required. Integrable module with ATEX-compliant full thermal motor protection
1 PTB-certified PTC thermistor input
1 switch-off signal for using the Safe Stop function
1 logic output for error identification

130B1077 ↗
Blindcover, w/ Danfoss logo, IP55/66

LCP Blindcover IP66

130B1071 ↗
6 Pole Connector, FC series,10 pcs

6 Pole Connector, FC series,10 pcs

130B1070 ↗
RS485 plug, FC series,10 pcs

10pcs RS485 connectors for FC-series.
Product group: R

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

130B1088 ↗
LCP Blindcover, w/ Danfoss logo, IP20/21

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

Accessories

175U0088 ☒

Mounting brackets: Footprint, A1

175U0086 ☒

Mount. Brack.: Footprint, A3, f.2 br.res

Back frame A3 for 2 brake resistors

175Z0929 ☒

LCP Cable, 3m

Cable for control panel (LCP), 3 meters

Works with the following LCP:

Alphanumeric control panel LCP3 - 175N0131

VLT® LCP 102 Graphic Display - 130B1107

VLT® LCP 101 Numeric Display - 130B1124

VLT® LCP 102 Graphic display IP66 - 130B1078

Product group: F1

175U0009 ☒

Mounting bracket Kit, 216 x 30 x 18mm

Mounting angle for flatpack resistor 200W

175N2584 ☒

VLT® EtherNet/IP Modbus TCP gateway

134B6302 ☒

VLT MCT 10 Software Customizer, 1 key

the commissioning experience of the VLT® to best fit your needs. It is a strong tool that enables

you to quickly create your setup and test it first to MCT 10 using the simulator before uploading

it to a real drive. local Danfoss Drives representative to order the required license(s).

Customize your commissioning experience

As the name suggests, VLT® Software Customizer allows you to customize

Note that the Advanced MCT 10 license is needed, please contact the

---

134B5225 ☒

Remote LCP unit, 10m

Remote mounting kit for LCP with cover for outdoor mounting with 10 m

(33 ft) cable

134B5224 ☒

Remote LCP unit, 5m

Remote mounting kit for LCP with cover for outdoor mounting with 5 m (16

ft) cable

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

Accessories

134B5223 ↗

Remote LCP unit, 3m

Remote mounting kit for LCP with cover for outdoor mounting with 3 m (10 ft) cable

134B0460 ↗

LCP 103 Wireless Communication Panel

With VLT® Wireless Communication Panel LCP 103 you can communicate with MyDrive® Connect - an app that can be downloaded for iOS and Android based smartphones. MyDrive® Connect makes commissioning easy, monitor and maintain tasks on your frequency converter. VLT® Wireless Communication Panel LCP 103 shows the current status of the drive (On, Warning, Alarm, Wifi connection) via built-in LED. Detailed information is also available using MyDrive® Connect. Here do you have access to i.a. status, menu and alerts. You can also see graphs over the latest available data.
The new VLT® Wireless Communication Panel LCP 103 allows you to wireless communication to the following drives:
- VLT® HVAC Drive FC 102
- VLT® Refrigeration Drive FC 103
- VLT® AQUA Drive FC 202
- VLT® AutomationDrive FC 302
[!] Note!
LCP 103 only works on frequency converters produced in 2018 (White USB stik).
Product group: R1

134B1992 ↗

Control Terminals w/ screw connections

130B6447 ↗

VLT® Safety Option MCB 141

Extends the Safe Torque Off feature of VLT® drives with additional safety functions: Safe Stop 1 (SS1), Safely Limited Speed (SLS), Safe Maximum Speed (SMS) and Safe Speed Monitor (SSM).

130B1266 ↗

VLT MCB 115 Programmable I/O, coated

VLT® MCB 115 programmable I / O, coated

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

Accessories

134B6544 ☒

Real Time Clock D slot option MCB117

The VLT® Real-time clock option MCB 117 option provides advanced data-logging functionality to the following drives

VLT® HVAC Drive FC 102

VLT® Refrigeration Drive FC 103

VLT® Aqua Drive FC 202

VLT® Automation Drive FC 301/FC 302

Note: This option is compatible only with MK-II control cards & upto 90 KW supporting A,B & C Frames.

130B0295 ☒

Accessory bag with control card plugs

130B1022 ☒

Accessory bag for framesize A2, A3

Spare Parts

130B9001 ☒

multiple 2 pole power combicon, 24V plug

130B5601 ☒

VLT® DeviceNet converter MCA194 coated

VLT® DeviceNet converter MCA194 coated

130B1208 ☒

VLT® 24V DC Supply MCB 107, coated

Connect an external DC supply to keep the control section and any installed option alive during power failure. Enables full operation of the LCP (including the parameter setting) and all installed options without connection to mains.

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

ENGINEERING **TOMORROW**

Spare Parts

130B1200 ⧉
VLT® Profibus DP V1 MCA 101, coated
Provides wide compatibility, a high level of availability, support for all major PLC vendors and compatibility with future versions. Fast, efficient communication, transparent installation, advanced diagnosis and parameterization and auto-configuration of process data using GSD-file. Acyclic parameterization using PROFIBUS DP-V1, ¬PROFIdrive or Danfoss FC profile state machines, PROFIBUS DP-V1, Master Class 1 and 2.

130B1012 ⧉
Terminal cover frame A1-A3 with option

130B1008 ⧉
Frame for LCP Control Pad with option

130B1022 ⧉
Accessory bag for framesize A2, A3

130B0295 ⧉
Accessory bag with control card plugs

130B1075 ⧉
Spare Profibus/BacNet 5 pin connector

130B1073 ⧉
10 pole connector

130B1072 ⧉
8 pole connector

130B1069 ⧉
Multiple relay 1 plug
spare, 3 pole connector, relay 1, fc300

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

ENGINEERING
TOMORROW

Danfoss

Spare Parts

130B1068 ↗
Multiple relay 2 plug
spare, 3 pole connector, relay 2, fc300

130B1067 ↗
Multiple non-twistd mains plug

130B1064 ↗
Terminal block for brake and loadsharing
Terminal block for brake and loadsharing

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

130B1097 ↗
Fan assembly 80x80x25mm coated

130B1088 ↗
LCP Blindcover, w/ Danfoss logo, IP20/21

134B0286 ↗
EMC Shield A2, A3

Image
coming
soon

134B0048 ↗
MCO301 B-Option, coated

134B1726 ↗
Control Card with safe stop for FC-302
NOTE:
The MKII control cards are backward compatible to the old cards but will only work with SW equal or higher than 8.12. If your drive has a customer specific software or a brand labeled software version please order the old control card MKI PN: 130B1109

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

Spare Parts

134B1975 ☐
Decoupling Plate for filedbus Cables

Image
coming
soon

134B7193 ☐
cable clamp

Image
coming
soon

130B1383 ☐
acc. bag multipck 5 pc frame A2/3
Krones acc. bag multipack 5pcs for A2/3-frame.

134B5998 ☐
24 pole jumper/2 connector jumper

Image
coming
soon

Services

131B0052 ☐
FC-302P7K5T5E20H1BGXXXXSXXXXAXBXCXXXXDX
Frequency converter
FC-302P7K5T5E20H1BGXXXXSXXXXAXBXCXXXXDX
(FC-) VLT® AutomationDrive FC-302
(P7K5) 7.5 KW / 10 HP, (T) Three phase
(5) 380 - 500 VAC, (E20) IP20 / Chassis
(H1) RFI Class A1/B (C1)
(B) Brake chopper
(G) Graphical Loc. Cont. Panel
(X) Not coated PCB, (X) No Mains Option
(AX) No A Option, (BX) No B Option
(CX) No C0 option, (X) No C1 option
(XX) No software option, (DX) No D option
Frame: A3
Other options according to Model code

Model code: FC-302P7K5T5E20H1BGXXXXSXXXXAXBXCXXXXDX

The VLT® AutomationDrive represents a single drive concept that controls the entire range of operations from ordinary to servo like applications on any machine or production line.

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

ENGINEERING
TOMORROW

Danfoss

Services

130R1121 ⧉

DrivePro ExWarr Work Shop PG03 30 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.

130R1120 ⧉

DrivePro ExWarr Work Shop PG03 24 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.

130R1122 ⧉

DrivePro ExWarr Work Shop PG03 36 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.

130R1123 ⧉

DrivePro ExWarr Work Shop PG03 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 office for extended warranty contract options.

130R1126 ⧉

DrivePro ExWarr Work Shop PG03 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.

130R1125 ⧉

DrivePro ExWarr Work Shop PG03 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.

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

Services

130R1124 ⧉

DrivePro ExWarr Work Shop PG03 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 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.

130R1303 ⧉

DrivePro Start-Up unit pre-order small

DrivePro® Start-up gives the Customer a full range of checks and adjustments during commissioning of the drive, ensuring their system is tuned for optimal performance right from day one.
The following benefits can be gained:
• Installation is checked to ensure it complies to Danfoss guide lines.
• The AC drive is fine-tuned specific to the application, ensuring optimal performance.
• Maximum energy savings to the Customer.
• Extend the AC drive's lifespan.
• Report detailing findings.
Before DrivePro® Start-up can be implemented, the AC drive must be installed and
ready for operation. The entire system must be fully operational under normal operation conditions. Installation of the drive is not included in this package. Commissioning needs to take place during the standard working hours.
General Terms and Conditions of Delivery and Warranty apply.

130R1324 ⧉

DrivePro SU + ctr interface test A,B & C

DrivePro Start-Up Control interface testing small frame unit

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

Services

130R1313 ↗

DrivePro Start-Up 1 day on-demand small

DrivePro® Start-up gives the Customer a full range of checks and adjustments during commissioning of the drive, ensuring their system is tuned for optimal performance right from day one.

The following benefits can be gained:

• Installation is checked to ensure it complies to Danfoss guide lines.

• The AC drive is fine-tuned specific to the application, ensuring optimal performance.

• Maximum energy savings to the Customer.

• Extend the AC drive's lifespan.

• Report detailing findings.

Before DrivePro® Start-up can be implemented, the AC drive must be installed and

ready for operation. The entire system must be fully operational under normal operation conditions. Installation of the drive is not included in this package. Commissioning needs to take place during the standard working hours.

General Terms and Conditions of Delivery and Warranty apply.

130R1312 ↗

DrivePro Start-Up 1 Day Pre-order small

DrivePro® Start-up gives the Customer a full range of checks and adjustments during commissioning of the drive, ensuring their system is tuned for optimal performance right from day one.

The following benefits can be gained:

• Installation is checked to ensure it complies to Danfoss guide lines.

• The AC drive is fine-tuned specific to the application, ensuring optimal performance.

• Maximum energy savings to the Customer.

• Extend the AC drive's lifespan.

• Report detailing findings.

Before DrivePro® Start-up can be implemented, the AC drive must be installed and

ready for operation. The entire system must be fully operational under normal operation conditions. Installation of the drive is not included in this package. Commissioning needs to take place during the standard working hours.

General Terms and Conditions of Delivery and Warranty apply.

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

Services

130R1304 ↗

DrivePro Start-Up unit on-demand small

DrivePro® Start-up gives the Customer a full range of checks and adjustments during commissioning of the drive, ensuring their system is tuned for optimal performance right from day one.

The following benefits can be gained:

• Installation is checked to ensure it complies to Danfoss guide lines.

• The AC drive is fine-tuned specific to the application, ensuring optimal performance.

• Maximum energy savings to the Customer.

• Extend the AC drive's lifespan.

• Report detailing findings.

Before DrivePro® Start-up can be implemented, the AC drive must be installed and

ready for operation. The entire system must be fully operational under normal operation conditions. Installation of the drive is not included in this package. Commissioning needs to take place during the standard working hours.

General Terms and Conditions of Delivery and Warranty apply.

Image coming soon

130R1380 ↗

DrivePro Start-Up ½ day pre-order small

DrivePro® Start-up gives the Customer a full range of checks and adjustments during commissioning of the drive, ensuring their system is tuned for optimal performance right from day one.

The following benefits can be gained:

• Installation is checked to ensure it complies to Danfoss guide lines.

• The AC drive is fine-tuned specific to the application, ensuring optimal performance.

• Maximum energy savings to the Customer.

• Extend the AC drive's lifespan.

• Report detailing findings.

Before DrivePro® Start-up can be implemented, the AC drive must be installed and

ready for operation. The entire system must be fully operational under normal operation conditions. Installation of the drive is not included in this package. Commissioning needs to take place during the standard working hours.

General Terms and Conditions of Delivery and Warranty apply.

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

ENGINEERING
TOMORROW

Services

Image
coming
soon

130R1381 ⧉

DrivePro Start-up ½ day on-demand small

DrivePro® Start-up gives the Customer a full range of checks and
adjustments during commissioning of the drive, ensuring their system is
tuned for optimal performance right from day one.
The following benefits can be gained:
• Installation is checked to ensure it complies to Danfoss guide
lines.
• The AC drive is fine-tuned specific to the application, ensuring
optimal performance.
• Maximum energy savings to the Customer.
• Extend the AC drive's lifespan.
• Report detailing findings.
Before DrivePro® Start-up can be implemented, the AC drive must be
installed and
ready for operation. The entire system must be fully operational under
normal operation conditions. Installation of the drive is not included
in this package. Commissioning needs to take place during the standard
working hours.
General Terms and Conditions of Delivery and Warranty apply.

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