



**131F8844** [🔗](#)

**FC-302P11KT5E20H1XGXXXXXXXA0BXCXXXXDX**

Frequency converter  
 FC-302P11KT5E20H1XGXXXXXXXA0BXCXXXXDX  
 VLT® AutomationDrive FC-302  
 (P11K) 11 KW / 15 HP, Three phase  
 380 - 500 VAC, (E20) IP20 / Chassis  
 (H1) RFI Class A1/B (C1)  
 No brake chopper  
 Graphical Loc. Cont. Panel  
 Not coated PCB, No Mains Option  
 PROFIBUS DP MCA 101, No B Option  
 No C0 option, No C1 option  
 No software option, No D option  
 Frame: B3  
 Other options according to Model code

**Model code:** FC-302P11KT5E20H1XGXXXXXXXA0BXCXXXXDX

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**

<b>Gross weight</b>	12.37 kg	
<b>Net weight</b>	11.4 kg	
<b>Volume</b>	57.75 l	
<b>EAN</b>	5702427488779	
<b>VLT® AUTOMATIONDRIVE FC 300 SERIES</b>		
<b>Product Group</b>	FC-	VLT® AutomationDrive FC-
<b>Series</b>	302	302
<b>Power Rating</b>	P11K	(P11K) 11 KW / 15 HP
<b>Phase</b>	T	Three phase
<b>Mains Voltage</b>	5	380 - 500 VAC
<b>Enclosure</b>	E20	(E20) IP20 / Chassis
<b>RFI Filter</b>	H1	(H1) RFI Class A1/B (C1)
<b>Brake - Safe Stop</b>	X	No brake chopper
<b>LCP</b>	G	Graphical Loc. Cont. Panel
<b>Coating PCB</b>	X	Not coated PCB
<b>Mains Option</b>	X	No Mains Option
<b>Adaptation A</b>	X	Standard Cable Entries
<b>Adaptation B</b>	X	No adaptation
<b>A Option</b>	A0	PROFIBUS DP MCA 101
<b>B Option</b>	BX	No B Option
<b>C0 Option MCO</b>	CX	No C0 option
<b>C1 Option</b>	X	No C1 option
<b>C Option Software</b>	XX	No software option
<b>D Option</b>	DX	No D option
<b>Frame Size</b>	B3	B3

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## PRODUCT DETAILS

Typecode Part 1	FC-302P11KT5E20H1XGX	
Typecode Part 2	XXSXXXXA0BXCXXXXDX	
Calculated Gross Weight	12	
Calculated Net Weight [kg]	11.7	
Continuous Current (HO) [A]	24	
Continuous Current (HO) [A]	21	
Continuous Current (NO) [A]	32	
Continuous Current (NO) [A]	27	
Depth [mm]	249,0	
Depth with Option A/B [mm]	262,0	
Height [mm]	399,0	
Height w/ Regen/Loadshare [mm]	NV	
Intermittent Current (HO) [A]	38.4	
Intermittent Current (HO) [A]	33.6	
Intermittent Current (NO) [A]	35.2	
Intermittent Current (NO) [A]	29.7	
kVA	16.6	
Material Gross Weight	12.37	
Material Net Weight	11.4	
Modelcode01	FC-302P11KT5E20H1XGX	
Modelcode02	XXSXXXXA0BXCXXXXDX	
Power 110% (NO) [KW]	15	
Power 150% (HO) [KW]	NV	
Power 160% (HO) [KW]	11	
Power 180% (HO) [KW]	NV	
Power Loss HO [W]	291	
Power Loss HO [W]	291	
Power Loss NO [W]	392	
Power Loss NO [W]	392	
Product Catalog	NO_VIEW	NO VIEW
Product View (Switch)	GLBL	Global (Standard)
Software Language Pack	X	Standard Language Pack
Software Release	SXXX	Latest release std. SW.
Vendor	ERR01	Cannot Determine Vendor
Width w/ no C options [mm]	165,0	

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

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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



x10

**130B7407** [🔗](#)

**NEMA 1 Conversion Kit, Top, 10 pcs, B3**



**130B7145** [🔗](#)

**VLT® SALT Controller MCO 360**

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.



**130B5764** [🔗](#)

**Leakage Current Monitor Kit, B3**

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Accessories



**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



**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

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

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**Accessories**


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**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.

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**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)

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

Contact Danfoss for advice and prices.

Product group: R

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**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
- 

Image  
coming  
soon

**130B1188** [🔗](#)**IP21 conversion kit, top, B3**

IP21 top cover for enclosure B3

Product group: R1

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**Accessories**

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**130B1187** [🔗](#)**IP 21/Type 1 conversion kit, B3**

Cover for housing size B3 MCF 101 NEMA1 / IP21

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**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.

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**130B1170** [🔗](#)**LCP Panel Mounting Kit**

The kit includes fasteners and gasket. No LCP and no cable included.

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**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

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**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.

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**Accessories**

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**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.

**130B1387** [🔗](#)**opt.control,24v, multipack 5 pcs.****130B1384** [🔗](#)**acc. bag multipack 5 pcs frame B3**

Krones acc. bag multipack 5pcs for B3-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.

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**Accessories**

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**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.

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Accessories



**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



**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.



**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).

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**Accessories**

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**130B1117** [🔗](#)**LCP Mounting Kit, w/ no LCP**

The kit includes fasteners, 3m cable and gasket - There is no LCP included.

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**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.

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**130B1114** [🔗](#)**LCP Mounting Kit w/ numerical LCP101, 3m**

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

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**130B1113** [🔗](#)**lcp panel kit/fc300 fg-lcp panel kit**

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

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**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

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**Accessories**


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**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)

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Product group: R

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**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.

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**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

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**130B1071** [🔗](#)**6 Pole Connector, FC series, 10 pcs**

6-pole spring cage connectors 10 pcs

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Accessories



**130B1070** [🔗](#)

**RS485 plug, FC series, 10 pcs**

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



**130B1108** [🔗](#)

**VLT® 24V DC Supply MCB 107, uncoated**

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.



**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**



**130B1414** [🔗](#)

**Mounting Kit f. C Option , 60mm, B3**

MCF 105 mounting kit for FC 302 C option B3 (60mm)



**130B1413** [🔗](#)

**Mounting Kit f. C Option, 40mm, B3**

Mounting kit for FC 302, C options, Case size B3 (40mm)



**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

Image coming soon

**175U0009** [🔗](#)

**Mounting bracket Kit, 216 x 30 x 18mm**

Mounting angle for flatpack resistor 200W

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

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**Accessories**

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**175N2584** [🔗](#)**VLT® EtherNet/IP Modbus TCP gateway**Image  
coming  
soon**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

Image  
coming  
soon**134B5225** [🔗](#)**Remote LCP unit, 10m**

Remote mounting kit for LCP with cover for outdoor mounting with 10 m (33 ft) cable

Image  
coming  
soon**134B5224** [🔗](#)**Remote LCP unit, 5m**

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

**134B5223** [🔗](#)**Remote LCP unit, 3m**

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

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## Accessories



### 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

Image  
coming  
soon

### 134B1992 [🔗](#)

#### Control Terminals w/ screw connections



### 130B1266 [🔗](#)

#### VLT MCB 115 Programmable I/O, coated

VLT® MCB 115 programmable I / O, coated



### 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



### 134B1979 [🔗](#)

#### Accessory bag for framesize B3

Accessory bag for framesize B3

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Accessories

Image coming soon

**130B4847** [🔗](#)  
extension cable for lcp+communication

Spare Parts



**130B3566** [🔗](#)  
Left front cover for frame H10 and B3



**130B3565** [🔗](#)  
Left side cover for frame H10 and B3



**130B3564** [🔗](#)  
Right side cover for frame H10 and B3



x10

**130B9001** [🔗](#)  
multiple 2 pole power combicon, 24V plug

Image coming soon

**130B5728** [🔗](#)  
DC coil 0.78mh/34a for frame B3



**130B5601** [🔗](#)  
VLT® DeviceNet converter MCA194 coated  
VLT® DeviceNet converter MCA194 coated



**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.

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## Spare Parts



**130B1410** [🔗](#)  
Front cover right with option



**130B1008** [🔗](#)  
Frame for LCP Control Pad with option



**130B0295** [🔗](#)  
Accessory bag with control card plugs



**130B1069** [🔗](#)  
Multiple relay 1 plug  
spare, 3 pole connector, relay 1, fc300



**130B1068** [🔗](#)  
Multiple relay 2 plug  
spare, 3 pole connector, relay 2, fc300



**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



**130B1411** [🔗](#)  
Front cover right without option



**130B1941** [🔗](#)  
Power Card 15kW 500V for frame B3



**130B1412** [🔗](#)  
RFI unit 200/500V adv. A1/B frame B3

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## Spare Parts

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

**134B1979** [🔗](#)**Accessory bag for framesize B3**

Accessory bag for framesize B3

Image  
coming  
soon**134B7193** [🔗](#)**cable clamp****134B7249** [🔗](#)**Ext. Fan ass 120x120x38mm coated B3,H10**

Ext. Fan ass 120x120x38mm coated B3,H10

**130B1384** [🔗](#)**acc. bag multipack 5 pcs frame B3**

Krones acc. bag multipack 5pcs for B3-frame.

Image  
coming  
soon**134B5998** [🔗](#)**24 pole jumper/2 connector jumper**Image  
coming  
soon**134B7753** [🔗](#)**Control C. safe stop FC-302 Atlas Copco**

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Services



**131F8422** [🔗](#)  
**FC-302P15KT5E20H1BGCXXXXXXXAXBXXXXDX**  
 Frequency converter  
 FC-302P15KT5E20H1BGCXXXXXXXAXBXXXXDX  
 VLT® AutomationDrive FC-302  
 (P15K) 15 KW / 20 HP, Three phase  
 380 - 500 VAC, (E20) IP20 / Chassis  
 (H1) RFI Class A1/B (C1)  
 Brake chopper  
 Graphical Loc. Cont. Panel  
 Coated PCB, No Mains Option  
 No A Option, No B Option  
 No C0 option, No C1 option  
 No software option, No D option  
 Frame: B3  
 Other options according to Model code

**Model code:** FC-302P15KT5E20H1BGCXXXXXXXAXBXXXXDX

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.



**130R1131** [🔗](#)  
**DrivePro ExWarr Work Shop PG04 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.



**130R1134** [🔗](#)  
**DrivePro ExWarr Work Shop PG04 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. It is not available after the drive has been shipped. Contact Danfoss Drives sales office for post-shipment service contract options.



**130R1135** [🔗](#)  
**DrivePro ExWarr Work Shop PG04 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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Services



**130R1137** [🔗](#)

**DrivePro ExWarr Work Shop PG04 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.



**130R1138** [🔗](#)

**DrivePro ExWarr Work Shop PG04 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.



**130R1136** [🔗](#)

**DrivePro ExWarr Work Shop PG04 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.



**130R1130** [🔗](#)

**DrivePro ExWarr Work Shop PG04 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.



**130R1132** [🔗](#)

**DrivePro ExWarr Work Shop PG04 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.



**130R1133** [🔗](#)

**DrivePro ExWarr Work Shop PG04 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.

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Services



**130R1034** [🔗](#)

**DrivePro ExWarr Onsite PG04 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.



**130R1031** [🔗](#)

**DrivePro ExWarr Onsite PG04 30 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.



**130R1032** [🔗](#)

**DrivePro ExWarr Onsite PG04 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.



**130R1035** [🔗](#)

**DrivePro ExWarr Onsite PG04 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.



**130R1033** [🔗](#)

**DrivePro ExWarr Onsite PG04 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.



**130R1030** [🔗](#)

**DrivePro ExWarr Onsite PG04 24 months**

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

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Services



**130R1038** [🔗](#)

**DrivePro ExWarr Onsite PG04 72 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.



**130R1036** [🔗](#)

**DrivePro ExWarr Onsite PG04 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.



**130R1037** [🔗](#)

**DrivePro ExWarr Onsite PG04 66 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.



**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.



**130R1324** [🔗](#)

**DrivePro SU + ctr interface test A,B & C**

DrivePro Start-Up Control interface testing small frame unit

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**Services**

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**130R1321** [🔗](#)**DrivePro SU + spec. applications A,B & C**

DrivePro Start-Up special applications small frame unit

**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.

**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.

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**Services**

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**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.

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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.

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**Services**

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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.

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