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[Low Voltage Drives \(/ae/en/Drives/Low-Voltage-Drives/c/3301\)](#) /

[VLT® AutomationDrive FC 300 \(/ae/en/Drives/Low-Voltage-Drives/VLT%C2%AE-AutomationDrive-FC-300/c/3011\)](#) /  
[131H4785](#)

› [Export page \(/ae/en/Drives/Low-Voltage-Drives/VLT%C2%AE-AutomationDrive-FC-300/FC-302P22KT5E20H1XGXXXXXXXAXBKXXXXDX/p/131H4785/getExport\)](#)



FC-302P22KT5E20H1XGXXXXXXXAXBKXXXXDX

# 131H4785

Frequency converter

FC-302P22KT5E20H1XGXXXXXXXAXBKXXXXDX

VLT® AutomationDrive FC-302

(P22K) 22 KW / 30 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

Latest release std. SW.

Frame: B4

No C1 option, No D option

No A Option, MCB-101 General purp. I/O

Other options according to Model code

**Model code:** FC-302P22KT5E20H1XGXXXXXXXAXBKXXXXDX

The VLT® AutomationDrive represents a single drive concept that controls the entire range of operations fr...

[Read more](#)



Where to buy

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Product details

Documents

Certificates

Visuals

Accessories

Spare Parts

Services

## Product details

Gross weight	21.42 kg
Net weight	20.46 kg
Volume	144.67 l
EAN	5702427551329

### VLT® AUTOMATIONDRIVE FC 300 SERIES

Product View (Switch)	GLBL	Global (Standard)
Product Group	FC-	VLT® AutomationDrive FC-
Series	302	302
Power Rating	P22K	(P22K) 22 KW / 30 HP
Phase	T	Three phase
Mains Voltage	5	380 - 500 VAC
Enclosure	E20	(E20) IP20 / Chassis
RFI Filter	H1	(H1) RFI Class A1/B (C1)
Brake - Safe Stop	X	No brake chopper
LCP	G	Graphical Loc. Cont. Panel
Coating PCB	X	Not coated PCB
Mains Option	X	No Mains Option
Adaptation A	X	Standard Cable Entries

<b>Adaptation B</b>	X	No adaptation
<b>Software Release</b>	SXXX	Latest release std. SW.
<b>Software Language Pack</b>	X	Standard Language Pack
<b>A Option</b>	AX	No A Option
<b>B Option</b>	BK	MCB-101 General purp. I/O
<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>	B4	B4
<b>Typecode Part 1</b>		FC-302P22KT5E20H1XGX
<b>Typecode Part 2</b>		XXXSXXXAXBKCXXXDX
<b>Product Catalog</b>	NO_VIEW	NO VIEW
<b>Power 160% (HO) [KW]</b>		22
<b>Power 110% (NO) [KW]</b>		30
<b>Height [mm]</b>		516,0
<b>Width w/ no C options [mm]</b>		229,0
<b>Depth [mm]</b>		242,0
<b>Depth with Option A/B [mm]</b>		242,0
<b>kVA</b>		30.5
<b>Power Loss NO [W]</b>		739
<b>Power Loss NO [W]</b>		739
<b>Power Loss HO [W]</b>		547
<b>Power Loss HO [W]</b>		547
<b>Continuous Current (NO) [A]</b>		61
<b>Intermittent Current (NO) [A]</b>		67.1
<b>Continuous Current (NO) [A]</b>		52

<b>Intermittent Current (NO) [A]</b>		57.2
<b>Continuous Current (HO) [A]</b>		44
<b>Intermittent Current (HO) [A]</b>		70.4
<b>Continuous Current (HO) [A]</b>		40
<b>Intermittent Current (HO) [A]</b>		64
<b>Calculated Gross Weight [kg]</b>		21.42
<b>Calculated Net Weight [kg]</b>		20.46
<b>ECCN EU</b>		X.A.I.003
<b>ECCN US</b>		3A999
<b>Vendor</b>	ERR01	Cannot Determine Vendor
<b>Modelcode01</b>		FC-302P22KT5E20H1XGX
<b>Modelcode02</b>		XXXXXXXAXBKCXXXXDX

## Documents

Documen...	United Ar...	English	Title	
<b>Application guide</b>	United Arab Emirates	English	<b>Encoder-less Safety using DOLD Module</b> <a href="https://assets.danfoss.com/documents/273085/AB361177609013en-000101.pdf">(/assets.danfoss.com/documents/273085/AB361177609013en-000101.pdf)</a> AB361177609013en-000101 6057 KB	(//a:
<b>Application guide</b>	United Arab Emirates	English	<b>Fuses and Circuit Breakers</b> <a href="https://assets.danfoss.com/documents/276176/AB361177379583en-000101.pdf">(/assets.danfoss.com/documents/276176/AB361177379583en-000101.pdf)</a> AB361177379583en-000101 295 KB	(//a:
<b>Application guide</b>	United Arab Emirates	English	<b>VLT drives with integrated CBM</b> <a href="https://assets.danfoss.com/documents/273942/AB415350026824en-000101.pdf">(/assets.danfoss.com/documents/273942/AB415350026824en-000101.pdf)</a> AB415350026824en-000101 1220 KB	(//a:
<b>Application guide</b>	United Arab Emirates	English	<b>VLT Integrated Motion Controller Appl G.</b> <a href="https://assets.danfoss.com/documents/275344/AB304441080478en-000101.pdf">(/assets.danfoss.com/documents/275344/AB304441080478en-000101.pdf)</a> AB304441080478en-000101 32021 KB	(//a:

			Title	
<b>Application guide</b>	United Arab Emirates	English	<b>VLT® Drives Motor overload protection</b> (//assets.danfoss.com/documents/276170/AB361177376837en-000101.pdf) AB361177376837en-000101 212 KB	(//a:
<b>Brochure</b>	United Arab Emirates	English	<b>VLT® AutomationDrive FC 300 series, VLT® Decentral Drive FCD 302 Selection Guide</b> (//assets.danfoss.com/documents/240170/AD444858538496en-010101.pdf) AD444858538496en-010101 70300 KB	(//a:
<b>Design guide</b>	United Arab Emirates	English	<b>VLT® Advanced Harmonic Filter AHF005-010</b> (//assets.danfoss.com/documents/272553/AJ315930123484en-000501.pdf) AJ315930123484en-000501 6368 KB	(//a:
<b>Design guide</b>	United Arab Emirates	English	<b>VLT® AutomationDrive FC301-302 0.25-75kW</b> (//assets.danfoss.com/documents/272132/AJ286655760917en-002201.pdf) AJ286655760917en-002201 36765 KB	(//a:
<b>Design guide</b>	United Arab Emirates	English	<b>VLT® FC Series Output Filter Design G.</b> (//assets.danfoss.com/documents/277639/AJ361178726334en-000501.pdf) AJ361178726334en-000501 4954 KB	(//a:
<b>Installation guide</b>	United Arab Emirates	English	<b>300-500 A Current Sensor Kit for D2h-D4h</b> (//assets.danfoss.com/documents/273297/AN427632557296en-000101.pdf) AN427632557296en-000101 842 KB	(//a:

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## Certificates

Documen...	United Ar...	English	Title	
<b>Electrical Safety Certificate</b>	United Arab Emirates	English	<b>SASO KSA R-205899</b> <a href="https://assets.danfoss.com/approvals/158281/ID365929995129-0101.pdf">(/assets.danfoss.com/approvals/158281/ID365929995129-0101.pdf)</a> ID365929995129-0101 655 KB	(//assets.
<b>Electrical Safety Certificate</b>	United Arab Emirates	English	<b>UL E236048</b> <a href="https://assets.danfoss.com/approvals/158337/ID365930104185-0101.pdf">(/assets.danfoss.com/approvals/158337/ID365930104185-0101.pdf)</a> ID365930104185-0101 736 KB	(//assets.
<b>Electrical Safety Certificate</b>	United Arab Emirates	English	<b>UL E70524</b> <a href="https://assets.danfoss.com/approvals/158327/ID365930085171-0101.pdf">(/assets.danfoss.com/approvals/158327/ID365930085171-0101.pdf)</a> ID365930085171-0101 279 KB	(//assets.
<b>EMC Certificate</b>	United Arab Emirates	English	<b>KC R-R-Ddk FC302</b> <a href="https://assets.danfoss.com/approvals/403457/ID493045353505-0101.pdf">(/assets.danfoss.com/approvals/403457/ID493045353505-0101.pdf)</a> ID493045353505-0101 277 KB	(//assets.
<b>EMC Certificate</b>	United Arab Emirates	English	<b>PSL File Danfoss 24899</b> <a href="https://assets.danfoss.com/approvals/297376/ID366039915044-0201.pdf">(/assets.danfoss.com/approvals/297376/ID366039915044-0201.pdf)</a> ID366039915044-0201 176 KB	(//assets.
<b>EMC Certificate</b>	United Arab Emirates	English	<b>PSL-File Danfoss-24800</b> <a href="https://assets.danfoss.com/approvals/260161/ID366039916045-0201.pdf">(/assets.danfoss.com/approvals/260161/ID366039916045-0201.pdf)</a> ID366039916045-0201 197 KB	(//assets.
<b>EU-UK Declaration</b>	United Arab Emirates	English	<b>Danfoss EU-UK 00730217 A10</b> <a href="https://assets.danfoss.com/approvals/367174/ID365934702339-0501.pdf">(/assets.danfoss.com/approvals/367174/ID365934702339-0501.pdf)</a> ID365934702339-0501 839 KB	(//assets.
<b>EU-UK Declaration</b>	United Arab Emirates	English	<b>Danfoss EU-UK 00730264 A5</b> <a href="https://assets.danfoss.com/approvals/195367/ID365934696334-0301.pdf">(/assets.danfoss.com/approvals/195367/ID365934696334-0301.pdf)</a> ID365934696334-0301 2558 KB	(//assets.

			Title	
<b>EU-UK Declaration</b>	United Arab Emirates	English	<b>Danfoss EU-UK 00730297 A6</b> <a href="https://assets.danfoss.com/approvals/195337/ID365934686327-0301.pdf">(/assets.danfoss.com/approvals/195337/ID365934686327-0301.pdf)</a> ID365934686327-0301 2640 KB	(//assets.
<b>Fieldbus Certificate</b>	United Arab Emirates	English	<b>ODVA 10929.04</b> <a href="https://assets.danfoss.com/approvals/158279/ID365929988123-0101.pdf">(/assets.danfoss.com/approvals/158279/ID365929988123-0101.pdf)</a> ID365929988123-0101 42 KB	(//assets.

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## Visuals

Visuals	Document Category	Title	Download
	Product part or accessories photo	VLT_B4_IP20	<a href="#">› VLT_B4_IP20.jpg</a> <a href="https://assets.danfoss.com/photos/261443/ID264335137762-0101.jpg">(/assets.danfoss.com/photos/261443/ID264335137762-0101.jpg)</a>
	Dimensional drawing	MCAD FC B4 IP20	<a href="#">› MCAD B4 IP20.pdf</a> <a href="https://assets.danfoss.com/drawings/266600/ID362147713112-0101.pdf">(/assets.danfoss.com/drawings/266600/ID362147713112-0101.pdf)</a> <a href="#">› MCAD FC B4 IP20.stp</a> <a href="https://assets.danfoss.com/drawings/266588/ID362147713122-0101.stp">(/assets.danfoss.com/drawings/266588/ID362147713122-0101.stp)</a> <a href="#">› MCAD FC B4 IP20.jpg</a> <a href="https://assets.danfoss.com/drawings/266591/ID362147713117-0101.jpg">(/assets.danfoss.com/drawings/266591/ID362147713117-0101.jpg)</a> <a href="#">› mcad-b4-ip20.dxf</a> <a href="https://assets.danfoss.com/drawings/266595/ID362147713114-0101.dxf">(/assets.danfoss.com/drawings/266595/ID362147713114-0101.dxf)</a>

Visuals	Document Category	Title	Download
No image available	Eplan drawing	LCP 102	› <b>LCP 102.zip</b> (//assets.danfoss.com/drawings/266339/ID362148331255-0101.zip)
	Circuit diagram	Wiring Schematic FC 103, FC 302	› <b>e30bd599.pdf</b> (//assets.danfoss.com/drawings/280136/ID264335367430-0101.pdf)
No image available	Eplan drawing	MCB 101	› <b>MCB 101.zip</b> (//assets.danfoss.com/drawings/279379/ID362148313935-0101.zip)
	Dimensional drawing	Remote_LCP_holder	› <b>Remote_LCP_holder.pdf</b> (//assets.danfoss.com/drawings/281598/ID394441093807-0101.pdf)
	Dimensional drawing	MCAD FC B4 IP20 Back plate	› <b>MCAD-FC-B4-IP20-Back-plate.pdf</b> (//assets.danfoss.com/drawings/269277/ID362147403293-0101.pdf) › <b>MCAD-FC-B4-IP20-Back-plate.stp</b> (//assets.danfoss.com/drawings/279941/ID362147403297-0101.stp)
No image available	Eplan drawing	130B1117	› <b>130B1117.zip</b> (//assets.danfoss.com/drawings/280001/ID362148331260-0101.zip)
No image available	Eplan drawing	MCB 101 coated	› <b>MCB 101 coated.zip</b> (//assets.danfoss.com/drawings/279377/ID362148314938-0101.zip)

## Accessories

### Search for specific accessories

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ories-FC-301-  
302/VLT%C2%  
AE-Safe-  
option-MCB-  
150%2C-  
coated/p/130  
B3280)

**130B3280**

## › VLT® Safe option MCB 150, coated

(/ae/en/Drives/Low-Voltage-Drives/Accessories-for-Low-Voltage-Drives/Accessories-FC-301-302/VLT%C2%AE-Safe-option-MCB-150%2C-coated/p/130B3280)

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.

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plate-IP20-  
Chassis%2C-  
B4/p/130B417  
2)

**130B4172**

## › **Back plate IP20/Chassis, B4**

(/ae/en/Drives/Low-Voltage-Drives/Accessories-for-Low-Voltage-Drives/Accessories-FC-103/Back-plate-IP20-Chassis%2C-B4/p/130B4172)

Back plate IP20/Type 1, enclosure size B4

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g-Kit-C-  
Option%2C-B-  
C-D-E-  
F%28not-  
B3%29/p/130  
B7533)  
**130B7533**

### › **Mounting Kit C Option, B/C/D/E/F(not B3)**

(/ae/en/Drives/Low-Voltage-Drives/Accessories-for-Low-Voltage-Drives/Accessories-FC-103/Mounting-Kit-  
C-Option%2C-B-C-D-E-F%28not-B3%29/p/130B7533)

MCF105 C Option, Mounting Kit A2 and A3

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302/VLT%C2%  
AE-Lift-  
Controller-  
MCO-  
361/p/130B76  
35)

**130B7635**

## › **VLT® Lift Controller MCO 361**

(/ae/en/Drives/Low-Voltage-Drives/Accessories-for-Low-Voltage-Drives/Accessories-FC-301-302/VLT%C2%AE-Lift-Controller-MCO-361/p/130B7635)

VLT® Motion Control MCO 305 with special software for lift application

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ories-FC-301-  
302/VLT%C2%  
AE-SALT-  
Controller-  
MCO-  
360/p/130B71  
45)  
**130B7145**

## › **VLT® SALT Controller MCO 360**

(/ae/en/Drives/Low-Voltage-Drives/Accessories-for-Low-Voltage-Drives/Accessories-FC-301-  
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302/VLT%C2%  
AE-Safety-  
Option-  
MCB152%C2-  
coated/p/130  
B9860)

**130B9860**

## › VLT® Safety Option MCB152, coated

(/ae/en/Drives/Low-Voltage-Drives/Accessories-for-Low-Voltage-Drives/Accessories-FC-301-302/VLT%C2%AE-Safety-Option-MCB152%C2-coated/p/130B9860)

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.

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Voltage-  
Drives/Access  
ories-FC-  
103/Leakage-  
Current-  
Monitor-  
Kit%2C-  
B4/p/130B576  
5)

130B5765

## › Leakage Current Monitor Kit, B4

(/ae/en/Drives/Low-Voltage-Drives/Accessories-for-Low-Voltage-Drives/Accessories-FC-103/Leakage-Current-Monitor-Kit%2C-B4/p/130B5765)

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Drives/Access  
ories-FC-301-  
302/VLT%C2%  
AE-EtherCAT-  
MCA-  
124%C2%  
coated/p/130  
B5646)

**130B5646**

## › VLT® EtherCAT MCA 124, coated

(/ae/en/Drives/Low-Voltage-Drives/Accessories-for-Low-Voltage-Drives/Accessories-FC-301-302/VLT%C2%AE-EtherCAT-MCA-124%C2-coated/p/130B5646)

MCA 124 Ethercat option painted The VLT® EtherCat MCA 124 option enables Connection to EtherCat-based networks via the EtherCat protocol.

The option allows an EtherCat connection with full Speed and a connection to the frequency converter with a time interval of 4 ms in both Directions. This enables the MCA124 to be used in Networks from low-power applications to Servo applications.

-EoE EtherNet over EtherCat support

-HTTP (Hypertext Transfer Protocol) for diagnosis via integrated web server

-SMTP (Single Mail Transfer Protocol) for email notification

-TCP / IP for easy access to frequency converters Configuration data via MCT 10

Where to buy

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ories-for-Low-  
Voltage-  
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ories-FC-  
103/VLT%C2%  
AE-PROFINET-  
MCA-  
120%2C-  
coated/p/130  
B1235)

**130B1235**

## › VLT® PROFINET MCA 120, coated

(/ae/en/Drives/Low-Voltage-Drives/Accessories-for-Low-Voltage-Drives/Accessories-FC-103/VLT%C2%AE-PROFINET-MCA-120%2C-coated/p/130B1235)

MCA 120 PROFINET interface

With reinforced coating (class 3C3 / IEC 60721-3-3)

- Supports operation on PROFINET network with extensive characteristics
- DCP support for easy setting u. Communication parameters via the PLC
- on Board web-Page with Drive Status
- parameterization with the MCT10 software
- 2-port version, reduced external hardware

Where to buy

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Drives/Access  
ories-for-Low-  
Voltage-  
Drives/Access  
ories-FC-301-  
302/VLT%C2%  
AE-Motion-  
Control-MCO-  
305%C2%  
coated/p/130  
B1234)

130B1234

## › VLT® Motion Control MCO 305, coated

(/ae/en/Drives/Low-Voltage-Drives/Accessories-for-Low-Voltage-Drives/Accessories-FC-301-302/VLT%C2%AE-Motion-Control-MCO-305%2C-coated/p/130B1234)

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

Where to buy

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10 (/ae/en/referenceSearch?page=0&pageSize=10) | 25 (/ae/en/referenceSearch?page=0&pageSize=25)

| 50 (/ae/en/referenceSearch?page=0&pageSize=50)

« (/ae/en/referenceSearch?page=0&pageSize=10) 1 / 9 » (/ae/en/referenceSearch?page=1&pageSize=10)

## Spare Parts

Search for specific spare parts

Select Refinements

DrivePro Category

Spare Part Category

-

› **Reset all refiners**



(/ae/en/Drives  
/DrivePro%C2  
%AE-  
Services/Spar  
e-  
Parts/fuse%2  
C4a%2C3-x-  
32mm%2Csu  
per-  
fast/p/612Z11  
82)  
**612Z1182**

### › **fuse,4a,3 x 32mm,super fast**

(/ae/en/Drives/DrivePro%C2%AE-  
Services/Spare-Parts/fuse%2C4a%2C3-x-32mm%2Csuper-  
fast/p/612Z1182)

Where to buy

+ **Add to comparison list**

+**Add to My Product List**



(/ae/en/Drives  
/Low-Voltage-  
Drives/Access  
ories-for-Low-  
Voltage-  
Drives/Access  
ories-FC-  
103/Mountin  
g-Kit-f-C-  
Option%2C-  
40mm%2C-  
A2-  
A3/p/130B753  
0)  
**130B7530**

## › **Mounting Kit f. C Option, 40mm, A2/A3**

(/ae/en/Drives/Low-Voltage-Drives/Accessories-for-Low-Voltage-Drives/Accessories-FC-103/Mounting-Kit-f-C-Option%2C-40mm%2C-A2-A3/p/130B7530)

MCF 105 assembly kit A2 / A3 for C option

Where to buy

+ Add to comparison list

+Add to My Product List



(/ae/en/Drives  
/DrivePro%C2  
%AE-  
Services/Spar  
e-  
Parts/Plastic-  
busbar-for-  
frame-  
B4%C2C-  
H6/p/130B90  
05)  
130B9005

## › Plastic busbar for frame B4, H6

(/ae/en/Drives/DrivePro%C2%AE-Services/Spare-Parts/Plastic-busbar-for-frame-B4%C2C-H6/p/130B9005)

Where to buy

+ Add to comparison list

+Add to My Product List



x10

(/ae/en/multi  
ple-2-pole-  
power-  
combicon%2  
C-24V-  
plug/p/130B9  
001)  
**130B9001**

## › **multiple 2 pole power combicon, 24V plug**

(/ae/en/multiple-2-pole-power-combicon%2C-24V-plug/p/130B9001)

Where to buy

+ Add to comparison list

+Add to My Product List



(/ae/en/Drives  
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Drives/Access  
ories-for-Low-  
Voltage-  
Drives/Access  
ories-FC-301-  
302/VLT%C2%  
AE-  
DeviceNet-  
converter-  
MCA194-  
coated/p/130  
B5601)  
**130B5601**

## › **VLT® DeviceNet converter MCA194 coated**

(/ae/en/Drives/Low-Voltage-Drives/Accessories-for-Low-Voltage-Drives/Accessories-FC-301-  
302/VLT%C2%AE-DeviceNet-converter-MCA194-coated/p/130B5601)

VLT® DeviceNet converter MCA194 coated

Where to buy

+ Add to comparison list

+Add to My Product List



(/ae/en/Drives  
/Low-Voltage-  
Drives/Access  
ories-for-Low-  
Voltage-  
Drives/Access  
ories-FC-  
103/VLT%C2%  
AE-General-  
Purpose-I-O-  
MCB-101%2C-  
ctd/p/130B12  
12)

**130B1212**

## › **VLT® General Purpose I/O MCB 101, ctd**

(/ae/en/Drives/Low-Voltage-Drives/Accessories-for-Low-Voltage-Drives/Accessories-FC-103/VLT%C2%AE-  
General-Purpose-I-O-MCB-101%2C-ctd/p/130B1212)

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

Where to buy

+ Add to comparison list

+Add to My Product List



(/ae/en/Drives  
/Low-Voltage-  
Drives/Access  
ories-for-Low-  
Voltage-  
Drives/Access  
ories-FC-  
202/sparepart  
-terminals-  
accessory-  
bag/p/130B02  
95)

**130B0295**

## › sparepart/terminals accessory bag

(/ae/en/Drives/Low-Voltage-Drives/Accessories-for-Low-Voltage-Drives/Accessories-FC-202/sparepart-  
terminals-accessory-bag/p/130B0295)

Where to buy

+ Add to comparison list

+Add to My Product List



(/ae/en/Drives  
/DrivePro%C2  
%AE-  
Services/Spar  
e-  
Parts/Multiple  
-relay-1-  
plug/p/130B1  
069)  
**130B1069**

## › **Multiple relay 1 plug**

(/ae/en/Drives/DrivePro%C2%AE-Services/Spare-Parts/Multiple-relay-1-plug/p/130B1069)

spare, 3 pole connector, relay 1, fc300

[Where to buy](#)

[+ Add to comparison list](#)

[+Add to My Product List](#)



(/ae/en/Drives  
/DrivePro%C2  
%AE-  
Services/Spar  
e-  
Parts/Multiple  
-relay-2-  
plug/p/130B1  
068)  
**130B1068**

## › **Multiple relay 2 plug**

(/ae/en/Drives/DrivePro%C2%AE-Services/Spare-Parts/Multiple-relay-2-plug/p/130B1068)

spare, 3 pole connector, relay 2, fc300

[Where to buy](#)

[+ Add to comparison list](#)

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(/ae/en/Accessories-FCM-106/VLT%C2%AE-Control-Panel-LCP-102/p/130B1107)  
**130B1107**

## › VLT® Control Panel LCP 102

(/ae/en/Accessories-FCM-106/VLT%C2%AE-Control-Panel-LCP-102/p/130B1107)

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

Where to buy

+ Add to comparison list

+Add to My Product List

View:

10 (/ae/en/referenceSearch?page=0&pageSize=10) | 25 (/ae/en/referenceSearch?page=0&pageSize=25)

| 50 (/ae/en/referenceSearch?page=0&pageSize=50)

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# Services

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(/ae/en/Drives  
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%AE-  
Services/Exch  
ange-  
Units/FC-  
302P30KT5E2  
0H1BGCDXXS  
XXXXAXBXCX  
XXXDX/p/131  
H3620)

131H3620

## › FC-302P30KT5E20H1BGCDXXSXXXAXBXCXXXXDX

(/ae/en/Drives/DrivePro%C2%AE-Services/Exchange-Units/FC-302P30KT5E20H1BGCDXXSXXXAXBXCXXXXDX/p/131H3620)

Frequency converter

FC-302P30KT5E20H1BGCDXXSXXXAXBXCXXXXDX

VLT® AutomationDrive FC-302

(P30K) 30 KW / 40 HP, Three phase

380 - 500 VAC, (E20) IP20 / Chassis

(H1) RFI Class A1/B (C1)

Brake chopper

Graphical Loc. Cont. Panel

Coated PCB, Loadsharing

Latest release std. SW.

Frame: B4

No C1 option, No D option

No A Option, No B Option

Other options according to Model code

**Model code:** FC-302P30KT5E20H1BGCDXXSXXXAXBXCXXXXDX

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.

[Where to buy](#)

[Re-configure \(/ae/en/131H3620/configuratorPage/CPQCONFIGURATOR\)](/ae/en/131H3620/configuratorPage/CPQCONFIGURATOR)

[+ Add to comparison list](#)

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(/ae/en/Drives  
/DrivePro%C2  
%AE-  
Services/Exte  
nded-  
Warranty/Driv  
ePro-ExWarr-  
Work-Shop-  
PG04-30-  
Month/p/130  
R1131)  
130R1131

## › DrivePro ExWarr Work Shop PG04 30 Month

(/ae/en/Drives/DrivePro%C2%AE-Services/Extended-Warranty/DrivePro-ExWarr-Work-Shop-PG04-30-  
Month/p/130R1131)

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.

Where to buy

+ Add to comparison list

+Add to My Product List



(/ae/en/Drives  
/DrivePro%C2  
%AE-  
Services/Exte  
nded-  
Warranty/Driv  
ePro-ExWarr-  
Work-Shop-  
PG04-48-  
Month/p/130  
R1134)  
130R1134

## › DrivePro ExWarr Work Shop PG04 48 Month

(/ae/en/Drives/DrivePro%C2%AE-Services/Extended-Warranty/DrivePro-ExWarr-Work-Shop-PG04-48-Month/p/130R1134)

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.

Where to buy

+ Add to comparison list

+Add to My Product List



(/ae/en/Drives  
/DrivePro%C2  
%AE-  
Services/Exte  
nded-  
Warranty/Driv  
ePro-ExWarr-  
Work-Shop-  
PG04-54-  
Month/p/130  
R1135)  
130R1135

## › DrivePro ExWarr Work Shop PG04 54 Month

(/ae/en/Drives/DrivePro%C2%AE-Services/Extended-Warranty/DrivePro-ExWarr-Work-Shop-PG04-54-  
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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.

Where to buy

+ Add to comparison list

+Add to My Product List



(/ae/en/Drives  
/DrivePro%C2  
%AE-  
Services/Exte  
nded-  
Warranty/Driv  
ePro-ExWarr-  
Work-Shop-  
PG04-66-  
Month/p/130  
R1137)  
130R1137

## › DrivePro ExWarr Work Shop PG04 66 Month

(/ae/en/Drives/DrivePro%C2%AE-Services/Extended-Warranty/DrivePro-ExWarr-Work-Shop-PG04-66-  
Month/p/130R1137)

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.

Where to buy

+ Add to comparison list

+Add to My Product List



(/ae/en/Drives  
/DrivePro%C2  
%AE-  
Services/Exte  
nded-  
Warranty/Driv  
ePro-ExWarr-  
Work-Shop-  
PG04-72-  
Month/p/130  
R1138)  
130R1138

## › DrivePro ExWarr Work Shop PG04 72 Month

(/ae/en/Drives/DrivePro%C2%AE-Services/Extended-Warranty/DrivePro-ExWarr-Work-Shop-PG04-72-  
Month/p/130R1138)

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.

Where to buy

+ Add to comparison list

+Add to My Product List



(/ae/en/Drives  
/DrivePro%C2  
%AE-  
Services/Exte  
nded-  
Warranty/Driv  
ePro-ExWarr-  
Work-Shop-  
PG04-60-  
Month/p/130  
R1136)  
130R1136

## › DrivePro ExWarr Work Shop PG04 60 Month

(/ae/en/Drives/DrivePro%C2%AE-Services/Extended-Warranty/DrivePro-ExWarr-Work-Shop-PG04-60-  
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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.

Where to buy

+ Add to comparison list

+Add to My Product List



(/ae/en/Drives  
/DrivePro%C2  
%AE-  
Services/Exte  
nded-  
Warranty/Driv  
ePro-ExWarr-  
Work-Shop-  
PG04-24-  
Month/p/130  
R1130)  
130R1130

## › DrivePro ExWarr Work Shop PG04 24 Month

(/ae/en/Drives/DrivePro%C2%AE-Services/Extended-Warranty/DrivePro-ExWarr-Work-Shop-PG04-24-  
Month/p/130R1130)

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.

Where to buy

+ Add to comparison list

+Add to My Product List



(/ae/en/Drives  
/DrivePro%C2  
%AE-  
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nded-  
Warranty/Driv  
ePro-ExWarr-  
Work-Shop-  
PG04-36-  
Month/p/130  
R1132)  
130R1132

## › DrivePro ExWarr Work Shop PG04 36 Month

(/ae/en/Drives/DrivePro%C2%AE-Services/Extended-Warranty/DrivePro-ExWarr-Work-Shop-PG04-36-Month/p/130R1132)

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.

Where to buy

+ Add to comparison list

+Add to My Product List



(/ae/en/Drives  
/DrivePro%C2  
%AE-  
Services/Exte  
nded-  
Warranty/Driv  
ePro-ExWarr-  
Work-Shop-  
PG04-42-  
Month/p/130  
R1133)  
130R1133

## › DrivePro ExWarr Work Shop PG04 42 Month

(/ae/en/Drives/DrivePro%C2%AE-Services/Extended-Warranty/DrivePro-ExWarr-Work-Shop-PG04-42-Month/p/130R1133)

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.

Where to buy

+ Add to comparison list

+Add to My Product List

View:

10 (/ae/en/referenceSearch?page=0&pageSize=10) | 25 (/ae/en/referenceSearch?page=0&pageSize=25)  
| 50 (/ae/en/referenceSearch?page=0&pageSize=50)

⟨ (/ae/en/referenceSearch?page=0&pageSize=10) 1 / 3 ⟩ (/ae/en/referenceSearch?page=1&pageSize=10)

# Software

## Software and firmware to support existing functionality

Software Type	Software Attribute	Title	Version	Release
System software	Fieldbus configuration file	VLT® Drives EtherNet/IP EDS (//assets.danfoss.com/software/297265/ID461838311590-0201.zip) 59 KB	02	27/06/20
System software	Support file	VLT® AutomationDrive Support File (//assets.danfoss.com/software/357447/ID462513881940-2601.zip) 7075 KB	9.41 (latest)	30/11/20
Software tools		VLT® Motion Control Tool MCT31 (//assets.danfoss.com/software/317123/ID463107821219-0101.zip) 25754 KB	2.0.4	17/10/20
Software tools		VLT® AutomationDrive FC 301 Simulator (//assets.danfoss.com/software/317125/ID463108783221-0101.zip) 3100 KB	8.23	23/04/20
Software tools		VLT® AutomationDrive FC 302 Simulator (//assets.danfoss.com/software/317126/ID463109052222-0101.zip) 3110 KB	8.23	23/04/20
System software	Library	VLT® EtherNet/IP Add-on Instructions (//assets.danfoss.com/software/317194/ID463138688276-0101.zip) 442 KB	01	27/09/20
System software	Fieldbus configuration file	VLT® Drives DeviceNet EDS (//assets.danfoss.com/software/317287/ID463165596364-0101.zip) 2211 KB	01	31/05/20
System software	Fieldbus configuration file	VLT® MCA101 PROFIBUS GSD (//assets.danfoss.com/software/317290/ID463167260367-0101.zip) 76 KB	01	03/11/20
System software	Fieldbus configuration file	VLT® MCA120 PROFINET GSDML (//assets.danfoss.com/software/317291/ID463167934368-0101.zip) 719 KB	01	21/02/20

		Title	Version	
<b>System software</b>	<b>Fieldbus configuration file</b>	<b>VLT® MCA123 POWERLINK XDD</b> <b>(//assets.danfoss.com/software/317293/ID463168856370-0101.zip)</b> 26 KB	<b>01</b>	02/08/20

**View:**

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[10 \(/ae/en/setSoftwarePage?productCode=131H4785&page=0&pageSize=10\)](#) 1 / 2

[\(/ae/en/setSoftwarePage?productCode=131H4785&page=1&pageSize=10\)](#)

[FAQs \(/ae/en/faq\)](#)

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