

[Home \(/is/en/\)](#) / [Drives \(/is/en/Drives/c/3000\)](#) /  
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[Legacy Drives \(/is/en/Drives/Low-Voltage-Drives/Legacy-Drives/c/7674\)](#) /  
[VLT® 2800 \(/is/en/Drives/Low-Voltage-Drives/Legacy-Drives/VLT%C2%AE-2800/c/7689\)](#) / [178B8582](#)  
› [Export page \(/is/en/Drives/Low-Voltage-Drives/Legacy-Drives/VLT%C2%AE-2800/VLT2830PT4B20SBR0DBF00A00C1/p/178B8582/getExport\)](#)



VLT2830PT4B20SBR0DBF00A00C1

# 178B8582

Product is discontinued.

Please use the replacement product

› [Conversion Tool \(/is/en/280\\_SER/configuratorPage/CPQCONFIGURATOR?modelCode=FC-280P3K0T4E20\\_\\_XC\\_\\_\\_\\_\\_AX&originalProductCode=178B8582\)](#)

VLT2830PT4B20SBR0DBF00A00C1

VLT® 2800 Serie

3.0kW / 4.0 HP, 3X380-480V 50/60Hz,

Without filter (No EMC), IP20

**Model code:** VLT2830PT4B20SBR0DBF00A00C1

This product is not RoHS compliant and is no longer available for general sale. Contact your local customer service organization to arrange for a replacement drive.

The VLT® FC-280 Midi Drive is simply the best alternative, it is more than just a successor for the VLT® 2800.



[Read less](#)

› [View Efficiency Data](#) (<https://ecosmart.mydrive.danfoss.com/#/cdm-report/VLT2830T4BR0/en>)

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[Product details](#)

[Documents](#)

[Certificates](#)

[Visuals](#)

[Accessories](#)

[Spare Parts](#)

## Product details

<b>Gross weight</b>	3.92 kg
<b>Net weight</b>	3.47 kg
<b>Volume</b>	16.53 l
<b>EAN</b>	5702427105874

### Sales restriction control

<b>Matr grp for sales restriction</b>	0001	No grouping
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### VLT® 2800 Series

<b>Product View (Switch)</b>	GLBL	Global (Standard)
<b>Product Group</b>	VLT	VLT®
<b>VLT Series</b>	28	2800
<b>Power Rating</b>	30	3.0kW / 4.0 HP
<b>Dedicated Application</b>	P	Process
<b>Phase</b>	T	3 phase
<b>Mains Voltage U(in)</b>	4	380-480V +/- 10% 50/60Hz

<b>Enclosure Type</b>	B	Bookstyle
<b>Enclosure Class</b>	20	IP20
<b>Hardware Configuration</b>	SB	Standard with brake
<b>RFI Filter</b>	R0	Without filter (No EMC)
<b>Display</b>	DB	Built In Display (SLCP)
<b>Fieldbus Option</b>	F00	Without fieldbus option
<b>Application Option</b>	A00	No application option
<b>Coating</b>	C1	With coating
<b>Frame Size</b>	B	B-Frame
<b>Typecode Part 1</b>		VLT2830PT4B20SBR0DBF00A00C1
<b>Product Catalog</b>	NO_VIEW	NO VIEW
<b>Height [mm]</b>		267.5
<b>Width w/ no C options [mm]</b>		90
<b>Depth [mm]</b>		168
<b>Weight [kg]</b>		3.7
<b>kVA</b>		4.8
<b>Calculated Gross Weight [kg]</b>		4
<b>Calculated Net Weight [kg]</b>		3.7
<b>Material Gross Weight</b>		3.92
<b>Material Net Weight</b>		3.47
<b>Vendor</b>	ERR01	Cannot Determine Vendor
<b>Recommended Factory</b>	ERR01	Cannot Determine Vendor
<b>Modelcode01</b>		VLT2830PT4B20SBR0DBF00A00C1

## Documents

Documen...	Country	English	Title
Certificate		English	<b>Electrical Safety SASO</b> ( <a href="https://files.danfoss.com/download/KSA-R-205899">https://files.danfoss.com/download/KSA R-205899</a> )
Certificate		English	<b>ESU UA.10078.C.023-18 FC51/280/2800/102</b> ( <a href="https://files.danfoss.com/download/UA.10078.C.023-18">https://files.danfoss.com/download/UA.10078.C.023-18</a> )
Certificate		English	<b>EU Declaration of Conformity MCE 101</b> ( <a href="https://files.danfoss.com/download/00730657">https://files.danfoss.com/download/00730657</a> )
Certificate		English	<b>EU Declaration of Conformity RCM</b> ( <a href="https://files.danfoss.com/download/00732787">https://files.danfoss.com/download/00732787</a> )
Certificate		English	<b>EU Declaration of Conformity VLT 2800</b> ( <a href="https://files.danfoss.com/download/00729231">https://files.danfoss.com/download/00729231</a> )
Certificate		English	<b>Manufacturer's Declaration Short circuit</b> ( <a href="https://files.danfoss.com/download/Drives/P400%20and%20M0041101">https://files.danfoss.com/download/Drives/P400%20and%20M0041101</a> )
Design Guide		English	<b>DrivePro_Retrofit_Published_DG</b> ( <a href="https://files.danfoss.com/download/M0041101">https://files.danfoss.com/download/M0041101</a> )
Factsheet		English	<b>VLT® 2800</b> ( <a href="https://files.danfoss.com/download/Drives/DK-PFP403A302">https://files.danfoss.com/download/Drives/DK-PFP403A302</a> )
Operating Guide		English	<b>VLT® 2800 / 6000 / 8000 Modbus RTU</b> ( <a href="https://files.danfoss.com/download/MG10S202">https://files.danfoss.com/download/MG10S202</a> )
Operating Guide		English	<b>VLT® Motion Control Tool MCT 10 OG</b> ( <a href="https://files.danfoss.com/download/M0018501">https://files.danfoss.com/download/M0018501</a> )

## Certificates

Documen...	Country	English	Title
Certificate		English	<b>Electrical Safety SASO</b> ( <a href="https://files.danfoss.com/download/KSA-R-205899">https://files.danfoss.com/download/KSA R-205899</a> )
Certificate		English	<b>ESU UA.10078.C.023-18 FC51/280/2800/102</b> ( <a href="https://files.danfoss.com/download/UA.10078.C.023-18">https://files.danfoss.com/download/UA.10078.C.023-18</a> )

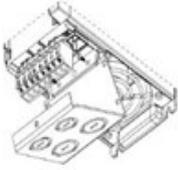
			Title
<b>Certificate</b>	English		<b>EU Declaration of Conformity MCE 101</b> ( <a href="https://files.danfoss.com/download/Drives/VLT%202800/00730657">https://files.danfoss.com/download/Drives/VLT%202800/00730657</a> )
<b>Certificate</b>	English		<b>EU Declaration of Conformity RCM</b> ( <a href="https://files.danfoss.com/download/Drives/VLT%202800/00732787">https://files.danfoss.com/download/Drives/VLT%202800/00732787</a> )
<b>Certificate</b>	English		<b>EU Declaration of Conformity VLT 2800</b> ( <a href="https://files.danfoss.com/download/Drives/VLT%202800/00729231">https://files.danfoss.com/download/Drives/VLT%202800/00729231</a> )
<b>Certificate</b>	English		<b>Manufacturer's Declaration Short circuit</b> ( <a href="https://files.danfoss.com/download/Drives/P400%20and%20VLT%202800/00729876">https://files.danfoss.com/download/Drives/P400%20and%20VLT%202800/00729876</a> )
<b>Design Guide</b>	English		<b>DrivePro_Retrofit_Published_DG</b> ( <a href="https://files.danfoss.com/download/Drives/P400%20and%20VLT%202800/M0041101">https://files.danfoss.com/download/Drives/P400%20and%20VLT%202800/M0041101</a> )
<b>Factsheet</b>	English		<b>VLT® 2800</b> ( <a href="https://files.danfoss.com/download/Drives/DK/PPF403A302">https://files.danfoss.com/download/Drives/DK/PPF403A302</a> )
<b>Operating Guide</b>	English		<b>VLT® 2800 / 6000 / 8000 Modbus RTU</b> ( <a href="https://files.danfoss.com/download/Drives/VLT%202800/MG10S202">https://files.danfoss.com/download/Drives/VLT%202800/MG10S202</a> )
<b>Operating Guide</b>	English		<b>VLT® Motion Control Tool MCT 10 OG</b> ( <a href="https://files.danfoss.com/download/Drives/VLT%202800/M0018501">https://files.danfoss.com/download/Drives/VLT%202800/M0018501</a> )

## Visuals

Visuals	Document Category	Title	Download
	Pictures	VLT_2800_2R_IP20	› <a href="https://files.danfoss.com/dds/1/00730657/VLT_2800_2R_IP20.jpg">VLT_2800_2R_IP20.jpg</a> ( <a href="https://files.danfoss.com/dds/1/00730657/VLT_2800_2R_IP20.jpg">https://files.danfoss.com/dds/1/00730657/VLT_2800_2R_IP20.jpg</a> )
	Engineering Drawings	VLT 2800 medium B-Frame	› <a href="https://files.danfoss.com/download/Drives/VLT%202800/M0018501/VLT_2800_medium_B-Frame.pdf">VLT 2800 medium PDF.pdf</a> ( <a href="https://files.danfoss.com/download/Drives/VLT%202800/M0018501/VLT_2800_medium_B-Frame.pdf">https://files.danfoss.com/download/Drives/VLT%202800/M0018501/VLT_2800_medium_B-Frame.pdf</a> )

## Accessories

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(/is/en/NEMA-  
1-terminal-  
cover%2C-  
B/p/195N190  
1)  
**195N1901**

### › **NEMA 1 terminal cover, B**

(/is/en/NEMA-1-terminal-cover%2C-B/p/195N1901)

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(/is/en/Drives/  
Low-Voltage-  
Drives/Access  
ories-for-Low-  
Voltage-  
Drives/Access  
ories-FC-  
103/VLT%C2%  
AE-Motion-  
Ctrl-Tool-MCT-  
10%2C1-  
lic-/p/130B10  
00)  
**130B1000**

## › VLT® Motion Ctrl Tool MCT 10,1 lic.

(/is/en/Drives/Low-Voltage-Drives/Accessories-for-Low-Voltage-Drives/Accessories-FC-103/VLT%C2%AE-Motion-Ctrl-Tool-MCT-10%2C1-lic-/p/130B1000)

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.

Where to buy

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(/is/en/Drives/  
Low-Voltage-  
Drives/Access  
ories-for-Low-  
Voltage-  
Drives/Access  
ories-FC-  
103/LCP-  
Cable%2C-  
3m/p/175Z09  
29)

175Z0929

## › LCP Cable, 3m

(/is/en/Drives/Low-Voltage-Drives/Accessories-for-Low-Voltage-Drives/Accessories-FC-103/LCP-Cable%2C-3m/p/175Z0929)

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

Where to buy

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(/is/en/Drives/  
DrivePro%C2  
%AE-  
Services/Spar  
e-Parts/LCP-2-  
Mounting-  
Kit%C2-  
Remote/p/17  
5Z0850)  
**175Z0850**

## › LCP 2 Mounting Kit, Remote

(/is/en/Drives/DrivePro%C2%AE-Services/Spare-Parts/LCP-2-Mounting-Kit%C2-  
Remote/p/175Z0850)

Mounting kit for control unit incl. 3 meter cable and plug  
for VLT 2800

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(/is/en/Accessories-FCM-106/Local-Operation-Pad-LOP/p/175N0128)

## › Local Operation Pad LOP

(/is/en/Accessories-FCM-106/Local-Operation-Pad-LOP/p/175N0128)

Panel for start/stop and setting the reference

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## Spare Parts

### Search for specific spare parts

#### Select Refinements

DrivePro Category

Spare Part Category

-

[› Reset all refiners](#)



(/is/en/Drives/  
DrivePro%C2  
%AE-  
Services/Spar  
e-  
Parts/Control-  
card-VLT2800-  
without-  
fieldbus/p/19  
5N0600)  
**195N0600**

## › Control card VLT2800 without fieldbus

(/is/en/Drives/DrivePro%C2%AE-Services/Spare-Parts/Control-card-VLT2800-without-  
fieldbus/p/195N0600)

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(/is/en/Drives/  
DrivePro%C2  
%AE-  
Services/Spar  
e-  
Parts/Multiple  
-non-twistd-  
mains-  
plug/p/130B1  
067)  
130B1067

## › Multiple non-twistd mains plug

(/is/en/Drives/DrivePro%C2%AE-Services/Spare-Parts/Multiple-non-twistd-mains-  
plug/p/130B1067)

Where to buy

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## Software

### Software and firmware to support existing functionality

Software ...	Title	Version
Fieldbus Configuration Files	VLT® Drives DeviceNet EDS ( <a href="https://files.danfoss.com/download/Drives/VLT_DeviceNet_EDS_2021-05-31.zip">https://files.danfoss.com/download/Drives/VLT_DeviceNet_EDS_2021-05-31.zip</a> )	
Fieldbus Configuration Files	VLT® Drives PROFIBUS GSD ( <a href="https://files.danfoss.com/download/Drives/VLT_PROFIBUS_GSD_2010-11-03.zip">https://files.danfoss.com/download/Drives/VLT_PROFIBUS_GSD_2010-11-03.zip</a> )	

	Title	
<b>Software Tools</b>	<b>VLT® Motion Control Tool MCT31</b> ( <a href="https://files.danfoss.com/download/Drives/VLT_MCT31_V2.0.4.zip">https://files.danfoss.com/download/Drives/VLT_MCT31_V2.0.4.zip</a> )	2.0.4

FAQs (</is/en/faq>)

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