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

Where to buy

+ [Add to comparison list](#)

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- Product details
- Documents
- Certificates
- Visuals
- Accessories
- Spare Parts

Product details

Gross weight	3.92 kg
Net weight	3.47 kg
Volume	16.53 l
EAN	5702427105874

Sales restriction control

Matr grp for sales restriction	0001	No grouping
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VLT® 2800 Series

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

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

Documents



Documen...	Country	English	Title
Certificate		English	Electrical Safety SASO (https://files.danfoss.com/download/KSA R-205899)
Certificate		English	ESU UA.1O078.C.023-18 FC51/280/2800/102 (https://files.danfoss.com/download/UA.1O078.C.023-18)
Certificate		English	EU Declaration of Conformity MCE 101 (https://files.danfoss.com/download/EU_MCE_101) 00730657
Certificate		English	EU Declaration of Conformity RCM (https://files.danfoss.com/download/EU_RCM) 00732787
Certificate		English	EU Declaration of Conformity VLT 2800 (https://files.danfoss.com/download/EU_VLT_2800) 00729231
Certificate		English	Manufacturer's Declaration Short circuit (https://files.danfoss.com/download/Drives/P400%20and) 00729876
Design Guide		English	DrivePro_Retrofit_Published_DG (https://files.danfoss.com/download/DrivePro_Retrofit_Published_DG) M0041101
Factsheet		English	VLT® 2800 (https://files.danfoss.com/download/Drives/DK_PFP403A302) PFP403A302
Operating Guide		English	VLT® 2800 / 6000 / 8000 Modbus RTU (https://files.danfoss.com/download/VLT_2800_6000_8000_Modbus_RTU) MG10S202
Operating Guide		English	VLT® Motion Control Tool MCT 10 OG (https://files.danfoss.com/download/VLT_Motion_Control_Tool_MCT_10_OG) M0018501

Certificates

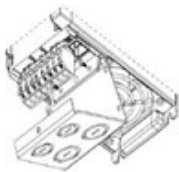
Documen...	Country	English	Title
Certificate		English	Electrical Safety SASO (https://files.danfoss.com/download/2023/07/20230720154223/20230720154223_KSA_R-205899.pdf)
Certificate		English	ESU UA.1O078.C.023-18 FC51/280/2800/102 (https://files.danfoss.com/download/2023/07/20230720154223/20230720154223_UA.1O078.C.023-18_FC51_280_2800_102.pdf)

			Title
Certificate	English	EU Declaration of Conformity MCE 101 (https://files.danfoss.com/download/Drives/VLT%202800/VLT2830PT4B20SBR0DBF00A00C1/00730657)	
Certificate	English	EU Declaration of Conformity RCM (https://files.danfoss.com/download/Drives/VLT%202800/VLT2830PT4B20SBR0DBF00A00C1/00732787)	
Certificate	English	EU Declaration of Conformity VLT 2800 (https://files.danfoss.com/download/Drives/VLT%202800/VLT2830PT4B20SBR0DBF00A00C1/00729231)	
Certificate	English	Manufacturer's Declaration Short circuit (https://files.danfoss.com/download/Drives/P400%20and%20VLT%202800/VLT2830PT4B20SBR0DBF00A00C1/00729876)	
Design Guide	English	DrivePro_Retrofit_Published_DG (https://files.danfoss.com/download/Drives/VLT%202800/VLT2830PT4B20SBR0DBF00A00C1/M0041101)	
Factsheet	English	VLT® 2800 (https://files.danfoss.com/download/Drives/DK-PFP403A302)	
Operating Guide	English	VLT® 2800 / 6000 / 8000 Modbus RTU (https://files.danfoss.com/download/Drives/VLT%202800/VLT2830PT4B20SBR0DBF00A00C1/MG10S202)	
Operating Guide	English	VLT® Motion Control Tool MCT 10 OG (https://files.danfoss.com/download/Drives/VLT%202800/VLT2830PT4B20SBR0DBF00A00C1/M0018501)	

Visuals

Visuals	Document Category	Title	Download
	Pictures	VLT_2800_2R_IP20	› VLT_2800_2R_IP20.jpg (https://files.danfoss.com/dds/00730657/VLT_2800_2R_IP20.jpg)
	Engineering Drawings	VLT 2800 medium B-Frame	› VLT 2800 medium PDF.pdf (https://files.danfoss.com/download/Drives/VLT%202800/VLT2830PT4B20SBR0DBF00A00C1/VLT2800mediumB-Frame.pdf)

Accessories



(/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.

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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

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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)

Where to buy

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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)

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Software

Software and firmware to support existing functionality

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

	Title	
Software Tools	VLT® Motion Control Tool MCT31 (https://files.danfoss.com/download/Drives/VLT_MCT31_V2.0.4.zip)	2.0.4

FAQs (/is/en/faq)	About us (https://www.danfoss.com/en/about-danfoss/)	Find nearest distributor (/is/en/find-a-distributor)	Contact us (http://www.danfoss.is/contact/#/)
Terms of use	(http://www.danfoss.is/terms/terms/?ref=17179939878#/)		
Privacy policy	(/is/en/privacy)		
General information	(http://www.danfoss.is/terms/generalinformation/?ref=17179939878#/)		
Cookies	Configuration disclaimer (/is/en/disclaimer_cpq)		