



**134X9585**

**VACON0020-3L-0002-4+EMC2+QPES**

Frequency Converter

VACON0020-3L-0002-4+EMC2+QPES MI01-0002-4+IP20+EMC2

(0020) Vacon 020

3 Phase AC Input, 380–480 Vac

2 Amp, IP20/UL Open Type, EMC 2 Class

(+DBNO) No Brake, 50 Hz, MI01

Other options according to Model code

**Model code:** VACON0020-3L-0002-4+EMC2+QPES

VACON® 20 comes with compactness and programming functionality that makes it one of the most easily adaptable drives available for OEM applications. The VACON® 20 has a built-in PLC functionality according to IEC 61131-1 which brings cost savings to the user. For the OEM or machine builder it is easy to change the software logic of the drive to adapt to their own control needs.

The VACON® 20 supports a wide variety of fieldbus connections, which enable effective machine integration, eliminating the need for external fieldbus gateways and parallel I/O connections. With the optional copying module, parameter configurations can be copied into the VACON® 20 during the installation phase with no need for mains power - saving both time and effort.

**PRODUCT DETAILS**

<b>Gross weight</b>		1.55 Kilogram
<b>Net weight</b>		0.55 Kilogram
<b>EAN</b>		5710108157579
<b>Product View (Switch)</b>	GLBL	Global (Standard)
<b>Product Group</b>	VACON	(VACON) Vacon
<b>Product Range</b>	0020	(0020) Vacon 020
<b>Segment</b>	NONE	(NONE) Vacon 10/20
<b>Customized</b>	+BM25	(+BM25) Vacon0020 product
<b>Regional</b>	-R00	International
<b>Input</b>	-3L	3 Phase AC Input
<b>Voltage</b>	-4	380–480 Vac
<b>Current</b>	-0002	2 Amp
<b>Current Description</b>	1,9 AMP	1,9 AMP
<b>API Selection</b>	+SM20	API for Vacon0020
<b>E Slot Option Board</b>	+SE00	No Option
<b>Mounting</b>	-DM	Drive Module
<b>Enclosure</b>	+IP20	IP20/UL Open Type
<b>EMC Level</b>	+EMC2	EMC 2 Class
<b>Enclosure Accessory A</b>	+QPES	(+QPES) PE Plate Kit
<b>Enclosure Accessory B</b>	+Q000	(+Q000) No Additional Option
<b>Documentation Language</b>	+DLUK	(+DLUK) English
<b>Documentation level</b>	+DQCK	(+DQCK) Quick Guide
<b>Label Language</b>	+LLUK	(+LLUK) English
<b>SW package</b>	+F0107	(+F0107)VACON 20 SW package
<b>Application</b>	+A0000	(+A0000)No Special Application

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

## Product Detail | VACON0020-3L-0002-4+EMC2+QPES

## PRODUCT DETAILS

Brake	+DBNO	(+DBNO) No Brake
Display Units	+LSSI	(+LSSI)Metric Units of Measure
Frequency Setting	+LS50	50 Hz
Parameter Set	+L0000	(+L0000) No Parameter Set
Shipping Package	+GSCB	Cardboard Box as Shipping pack
UL Approval	+GAUL	(+GAUL) UL Approval
CE Approval	+GACE	(+GACE) CE Approval
C-tick Approval	+GACT	(+GACT) C-Tick Approval
KC Approval	+GAKC	(+GAKC) KC Approval
Standard Warranty	+WT01	(+WT01) Warranty 12/18 Months
Frame Size	MI01	MI01
Typecode Part 2		-00057066
Modelcode01		VACON0020-3L-0002-4
Modelcode03		+EMC2+QPES
Product Catalog	NO_VIEW	NO VIEW
Salestext	MI01-0002-4+IP20+EMC2	MI01-0002-4+IP20+EMC2
Calculated Net Weight [kg]		0.63
Calculated Gross Weight [kg]		0.83
Motor Power High Overload [kW]	0.55	0.55
Dimensions WxHxD [mm]	66 X 160 X 98	66 X 160 X 98
Continuous Current (NO) [A]	17.5	17.5
Plant from Orderline	A902	A902
Vendor	ERR01	Cannot Determine Vendor
Producing plant	ERR01	Cannot Determine Vendor
Help Counter		1
PREFIX AS PART OF STOCKCODE	70-	PREFIX FOR VXS020
VXS020 FRAME TYPE	A	Frame type A
Delivering plant	ERR01	ERR01
check if complete	OK	OK
ECCN US	3A999.a	3A999.a
ECCN EU	Y901	Y901
Typecode Part 1		70-AC3L00024W01A120BM25

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

## Accessories

Image  
coming  
soon

**181B0073** [🔗](#)

**2M RJ45 cable**

CAB-RJ45P-2M



**181B0325** [🔗](#)

**OPT-E3-V:PROFIBUS DP**

OPT-E3-V

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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

## Accessories

**181B0326** [🔗](#)**OPT-E5-V:PROFIBUS DP with Sub-D9**

OPT-E5-V

**181B0327** [🔗](#)**OPT-E6-V:CANopen**

OPT-E6-V

Image  
coming  
soon**181B0390** [🔗](#)**VACON-ADP-MCAA**

VACON-ADP-MCAA

Image  
coming  
soon**181B0410** [🔗](#)**HMI DOOR MOUNTING KIT WITH 2M CABLE**

VACON-PAN-HMDR-TMX-MC03-2M

**181B0492** [🔗](#)**OPT-E9-V:2-port ethernet**

OPT-E9-V

**181B0493** [🔗](#)**Micro Communication Adapter Kit**

VACON-ADP-MCAA-KIT

Image  
coming  
soon**181B0525** [🔗](#)**15M RJ45 cable**

CAB-RJ45P-15M

Image  
coming  
soon**181B0657** [🔗](#)**VACON-PAN-HMDR-MC03**

VACON-PAN-HMDR-MC03

Image  
coming  
soon**181B0705** [🔗](#)**HMI door mounting kit**

VACON-PAN-HMDR-TMX-MC03

Image  
coming  
soon**181B0761** [🔗](#)**OPT-EC-V:EtherCAT**

OPT-EC-V

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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

## Accessories

Image  
coming  
soon**181B0785** [🔗](#)**HMI door mounting kit with 6M cable**

VACON-PAN-HMDR-TMX-MC03-6M

Image  
coming  
soon**181B0787** [🔗](#)**3M RJ45 cable**

CAB-RJ45P-3M

Image  
coming  
soon**181B0994** [🔗](#)**Door mounting keypad adapter**

VACON-ADP-PASSIVE

Image  
coming  
soon**181B1220** [🔗](#)**Communication cable RJ45 6M**

CAB-RJ45P-6M

**181B1487** [🔗](#)**OPT-E3-V+DNOT:PROFIBUS DP**

OPT-E3-V+DNOT

**181B1488** [🔗](#)**OPT-E5-V+DNOT:PROFIBUS DP with Sub-D9**

OPT-E5-V+DNOT

**181B1489** [🔗](#)**OPT-E6-V+DNOT:CANopen**

OPT-E6-V+DNOT

Image  
coming  
soon**181B2164** [🔗](#)**OPT-E9-V+DNOT:2-port ethernet**

OPT-E9-V+DNOT

Image  
coming  
soon**181B2258** [🔗](#)**HMI door mounting kit with 15M cable**

VACON-PAN-HMDR-TMX-MC03-15M

Image  
coming  
soon**181B3084** [🔗](#)**Micro Communication Adapter Kit**

ADP-MCAA-KIT-N

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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

## Accessories

---



**181B3287** [🔗](#)  
**OPT-EA-V:Advanced 2-port ethernet**  
OPT-EA-V

Image  
coming  
soon

**181B4132** [🔗](#)  
**OPT-E2-V:RS485 (Modbus/N2)**  
OPT-E2-V

Image  
coming  
soon

**181B4135** [🔗](#)  
**OPT-E8-V:RS485 with Sub-D9**  
OPT-E8-V

Image  
coming  
soon

**181B4334** [🔗](#)  
**Installation manual VACON 100 WM, 10pcs**  
DOC-INS100WM-10+DLDE

Image  
coming  
soon

**181B4335** [🔗](#)  
**Text keypad with customized membrane**  
VACON-PAN-HMTX-MC03

Image  
coming  
soon

**181B4598** [🔗](#)  
**VACON OPTE2 E8 RS485 Board User Manual**  
DOC-OPTE2/E8-10+DLUK

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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.