

**134X9376****70-AC1L00032W01A120BM25-00057502**

VACON0020-1L-0003-2+EMC2+QPES

Frequency Converter

VACON0020-1L-0003-2+EMC2+QPESMI01-0003-2+IP20+EMC2

(0020) Vacon 020

1 Phase AC Input, 208–240 Vac

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

(+DBNO) No Brake, 50 Hz, MI01

Other options according to Model code

Model code: VACON0020-1L-0003-2+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

Gross weight		1.55 kg
Net weight		0.55 kg
Volume		2.57 l
EAN		5710108155421
Sales restriction control		
Matr grp for sales restriction	0001	No grouping
Vacon 0010/20		
Product View (Switch)	GLBL	Global (Standard)
Product Group	VACON	(VACON) Vacon
Product Range	0020	(0020) Vacon 020
Segment	NONE	(NONE) Vacon 10/20
Customized	+BM25	(+BM25) Vacon0020 product
Regional	-R00	International
Input	-1L	1 Phase AC Input
Voltage	-2	208–240 Vac
Current	-0003	3 Amp
Current Description		2,8 AMP
API Selection	+SM20	API for Vacon0020
E Slot Option Board	+SE00	No Option
Mounting	-DM	Drive Module
Enclosure	+IP20	IP20/UL Open Type
EMC Level	+EMC2	EMC 2 Class

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PRODUCT DETAILS

Enclosure Accessory A	+QPES	(+QPES) PE Plate Kit
Enclosure Accessory B	+Q000	(+Q000) No Additional Option
Documentation Language	+DLUK	(+DLUK) English
Documentation level	+DQCK	(+DQCK) Quick Guide
Label Language	+LLUK	(+LLUK) English
SW package	+F0107	(+F0107)VACON 20 SW package
Application	+A0000	(+A0000)No Special Application
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 1		70-AC1L00032W01A120BM25
Typecode Part 2		-00057502
Modelcode01		VACON0020-1L-0003-2
Modelcode03		+EMC2+QPES
Product Catalog	NO_VIEW	NO VIEW
Salestext		MI01-0003-2+IP20+EMC2
Calculated Net Weight [kg]		0.63
Calculated Net Weight		1
Calculated Gross Weight [kg]		0.83
Motor Power High Overload [kW]		0.55
Dimensions WxHxD [mm]		66 X 160 X 98
Continuous Current (NO) [A]		2.8
Vendor	ERR01	Cannot Determine Vendor
Recommended Factory	ERR01	Cannot Determine Vendor
Help Counter		1
PREFIX AS PART OF STOCKCODE	70-	PREFIX FOR VXS020
VXS020 FRAME TYPE	A	Frame type A
Material Gross Weight		1.55
Material Net Weight		0.55
check if complete		OK
ECCN US		3A999.a
ECCN EU		X.A.I.003

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

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Accessories



181B0325 [🔗](#)
OPT-E3-V:PROFIBUS DP
OPT-E3-V



181B0586 [🔗](#)
OPT-E7-V:DeviceNet
OPT-E7-V



181B0244 [🔗](#)
USB/RS485 cable
CAB-USB/RS485

Image
coming
soon

181B0269 [🔗](#)
ENC-M101-Type 1 kit
ENC-IN01-MI1

Image
coming
soon

181B0526 [🔗](#)
ENC-IN01-M12
ENC-IN01-MI2

Image
coming
soon

181B0271 [🔗](#)
ENC-M103-Type 2 kit
ENC-IN01-MI3

Image
coming
soon

181B0466 [🔗](#)
MI02 IP21 kit
ENC-IP21-MI2

Image
coming
soon

181B0491 [🔗](#)
Vacon20 MI1~3 Option board mounting kit
ENC-SLOT-MC03-13

Image
coming
soon

181B0527 [🔗](#)
ENC-M104-Type 1 kit
ENC-IN01-MI4

Image
coming
soon

181B0528 [🔗](#)
MI05 Type1 kit
ENC-IN01-MI5

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Accessories

Image coming soon

181B0583 [🔗](#)
MI4~5 Option board mounting kit
 ENC-SLOT-MC03-45

Image coming soon

181B0789 [🔗](#)
MI03 IP21 kit
 ENC-IP21-MI3

Image coming soon

181B0894 [🔗](#)
Flange mounting kit
 ENC-QFLG-MI4

Image coming soon

181B0895 [🔗](#)
Flange mounting kit
 ENC-QFLG-MI5

Image coming soon

181B1759 [🔗](#)
MI05 PE-Plate kit 10 PCS
 ENC-QPES-MI5-10

Image coming soon

181B1230 [🔗](#)
MI01 IP21 kit
 ENC-IP21-MI1

Image coming soon

181B1732 [🔗](#)
MI01 PE-Plate kit 10 PCS
 ENC-QPES-MI1-10

Image coming soon

181B1758 [🔗](#)
MI04 PE-Plate kit 10 PCS
 ENC-QPES-MI4-10

Image coming soon

181B1733 [🔗](#)
MI02 PE-Plate kit 10 PCS
 ENC-QPES-MI2-10

Image coming soon

181B1757 [🔗](#)
MI03 PE-Plate kit 10 PCS
 ENC-QPES-MI3-10

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Accessories

Image
coming
soon**181B0073** [🔗](#)**2M RJ45 cable**
CAB-RJ45P-2M**181B0404** [🔗](#)**HMI door mounting kit with 3M cable**
VACON-PAN-HMDR-TMX-MC03-3MImage
coming
soon**181B0673** [🔗](#)**VACON-PAN-HMTX-MC06-CP**
VACON-PAN-HMTX-MC06-CPImage
coming
soon**141F4273** [🔗](#)**VACON10 PB Demo suit case**
VACON-DEM-0010-1L-2-CASEImage
coming
soon**141F4264** [🔗](#)**Vacon0020 Demo case VACON**
VACON-DEM-0020-1L-1-CASE**181B5377** [🔗](#)**USB/RS485 cable**
CAB-USB/RS485+BM1EImage
coming
soon**181B5381** [🔗](#)**Vacon10 MI1~3 Option board mounting kit**
ENC-SLOT-MC01-C+BM1EImage
coming
soon**181B5382** [🔗](#)**MI1~3 Option board mounting kit**
ENC-SLOT-MC03-13+BM1FImage
coming
soon**181B5383** [🔗](#)**MI4~5 Option board mounting kit**
ENC-SLOT-MC03-45+BM1FImage
coming
soon**181B5388** [🔗](#)**OPT-E5-V+BM1E-X1:PROFIBUS DP with Sub-D9**
OPT-E5-V+BM1E-X1

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Spare Parts



181B0244 [🔗](#)
USB/RS485 cable
 CAB-USB/RS485

Image
coming
soon

181B2621 [🔗](#)
MI04 Main Cover IP21 Medium Grey
 VACON-SPR-MEC03025

Image
coming
soon

181B0269 [🔗](#)
ENC-M101-Type 1 kit
 ENC-IN01-MI1

Services



130R1102 [🔗](#)
DrivePro ExWarr Work Shop PG01 36 months
 DrivePro® Standard Extended Warranty provides repair at a Danfoss Drivesworkshop, 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 officefor extended warranty contract options



130R1104 [🔗](#)
DrivePro ExWarr Work Shop PG01 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. For drives previously shipped or purchased; contact your local Danfoss Drives sales officefor extended warranty contract options.



130R1103 [🔗](#)
DrivePro ExWarr Work Shop PG01 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 officefor extended warranty contract options.

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Services

**130R1105** [🔗](#)**DrivePro ExWarr Work Shop PG01 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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**130R1107** [🔗](#)**DrivePro ExWarr Work Shop PG01 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.

**130R1106** [🔗](#)**DrivePro ExWarr Work Shop PG01 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.

**130R1108** [🔗](#)**DrivePro ExWarr Work Shop PG01 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.

**130R1101** [🔗](#)**DrivePro ExWarr Work Shop PG01 30 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drivesworkshop, 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 officefor extended warranty contract options

**130R1004** [🔗](#)**DrivePro ExWarr Onsite PG01 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.

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

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Services

**130R1006** [🔗](#)**DrivePro ExWarr Onsite PG01 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.

**130R1002** [🔗](#)**DrivePro ExWarr Onsite PG01 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.

**130R1001** [🔗](#)**DrivePro ExWarr Onsite PG01 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.

**130R1000** [🔗](#)**DrivePro ExWarr Onsite PG01 24 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.

**130R1008** [🔗](#)**DrivePro ExWarr Onsite PG01 72 months**

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

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Services

**130R1005** [🔗](#)**DrivePro ExWarr Onsite PG01 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.

**130R1003** [🔗](#)**DrivePro ExWarr Onsite PG01 42 months**

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

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**130R1007** [🔗](#)**DrivePro ExWarr Onsite PG01 66 months**

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

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**130R1100** [🔗](#)**DrivePro ExWarr Work Shop PG01 24 months**

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