



135N2654

VA100X-3L-0031-4-X+BM1X-00000598

VACON0100-3L-0031-4-X+FBIE+HMGR

VACON0100-3L-0031-4-X+FBIE+HMGR

VACON® 100X

31 AMP, (-4) 380 – 480 Vac

(+DBIN) Brake Chopper, (+LS50) 50 Hz

C2 Commercial&Industry Environ

IndEth (ProfinetIO,EthernetIP), Graphical Keypad

D Slot: No board

E Slot: No board

Other options according to Model code

Model code: VACON0100-3L-0031-4-X+FBIE+HMGR

VACON® 100 X

Achieve maximum performance in extreme environments. This AC drive withstands high-pressure water, high vibration levels, heat and dirt. A Gore® vent membrane, IP66 / Type 4X outdoor enclosure, and an operating temperature range from -40°C to +60°C give you full freedom for unlimited outdoor installations. With power range extending up to 37 kW, this drive makes the benefits of decentralized solutions available for a wide range of applications.

PRODUCT DETAILS

Gross weight	15.9 kg	
Net weight	14.9 kg	
Volume	0.378 hl	
EAN	5714853448678	
Vacon 100 X		
Product View (Switch)	GLBL	Global (Standard)
Product Group	VACON	VACON
Product Series	0100	VACON 100
Input type	-3L	-3L
Current	-0031	31
Current Description	31 AMP	
Mains Voltage	-4	(-4) 380 – 480 Vac
Segment	-X	Vacon 100X
Regional	-R00	International
Customized	+BM1X	Vacon0100 product
Terminal Box	+TBOX	(+TBOX) Basic Terminal Box
Brake	+DBIN	(+DBIN) Brake Chopper
Frequency setting	+LS50	(+LS50) 50 Hz
Display Units	+LSSI	Metric Units of Measure
Documentation level	+DQCK	(+DQCK) Quick Guide
Firmware Language Pack	+FL01	UK, DE, FI, SE, IT, FR lang
SW Package	+F0072	(+F0072) GP System Software
EMC level	+EMC2	C2 Commercial&Industry Environ
Marine Approval	+E000	(+E000) No Marine Approval
Application	+A0000	(+A0000)No Special Application
Internal FB selection	+FBIE	IndEth (ProfinetIO,EthernetIP)

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PRODUCT DETAILS

Keypad	+HMGR	Graphical Keypad
Real Time Clock Battery	+SRNO	No Battery for real time clock
D Slot Option Board	+SD00	No board
E Slot Option Board	+SE00	No board
Additional Equipment A	+Q000	(+Q000) No add. Equipment A
Additional Equipment B	+Q000	(+Q000) No add. Equipment B
Additional Equipment C	+Q000	No add. Equipment C
Shipping Package	+GSCB	Standard Packaging Material
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
Frame Size	MM5	MM 05
Product Catalog	NO_VIEW	NO VIEW
Modelcode01		VACON0100-3L-0031-4-X
Modelcode04		+FBIE+HMGR
Typecode Part 1		VA100X-3L-0031-4-X+BM1X
Typecode Part 2		-00000598
Calculated Net Weight [kg]		14.9
Calculated Gross Weight [kg]		15.65
Dimensions WxHxD [mm]		233X367X214
Vendor	ERR01	Cannot Determine Vendor
Recommended Factory	ERR01	Cannot Determine Vendor
ECCN US		3A999.a
ECCN EU		X.A.I.003
Help Counter		1
Material Gross Weight		15.9
Material Net Weight		14.9

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

Accessories

Image
coming
soon**181B0483** [🔗](#)**CAB-HMI2M-MC05-X**

CAB-HMI2M-MC05-X

Image
coming
soon**181B0515** [🔗](#)**Vacon100 MM5 Motor Mount Flange**

ENC-QMMF-MM05

Image
coming
soon**141F4186** [🔗](#)**Vacon100 MM5 Main Switch Option**

POW-QDSS-MM05

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Accessories



141F4176 [🔗](#)
VACON-PAN-HMGR-MC05-X
VACON-PAN-HMGR-MC05-X

Image
coming
soon

141F4222 [🔗](#)
MC05, MC06 Keypad Wallmounting Kit
PAN-HMWM-MK02

Spare Parts

Image
coming
soon

141F3478 [🔗](#)
V100X MC05 Control Unit assembly +F0072
60S01097

Image
coming
soon

141F3486 [🔗](#)
V100X control 10 x accessory bag
60S01107

Image
coming
soon

141F3489 [🔗](#)
V100X MM06 accessory bag (10pcs)
60S01110

Image
coming
soon

141F3494 [🔗](#)
10x Packaging carton box 214x151x100 spa
60S01115

Image
coming
soon

141F3497 [🔗](#)
V100X MM04 packaging EPP
60S01118

Image
coming
soon

141F3498 [🔗](#)
V100X MM05 packaging EPP
60S01119

Image
coming
soon

141F3500 [🔗](#)
10x Packaging carton box with option inl
60S01121

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Spare Parts

Image
coming
soon**141F3499** **V100X MM06 10 x packaging**60S01120

Image
coming
soon**141F3529** **Internal fan ass. V100X MM04 and MM05**60S01158

Image
coming
soon**141F3530** **Internal Fan ass. V100X MM06**60S01159

Image
coming
soon**141F3531** **External Fan assembly V100X**60S01160

Image
coming
soon**141F3532** **External Fan ass. V100X MM06**60S01161

Image
coming
soon**141F3540** **2 x gasket for cable entry plate, V100X**60S01178

Image
coming
soon**141F3542** **2 x gasket for cable entry plate, V100X**60S01180

Image
coming
soon**141F3570** **2 x US cable entry plate assembly, V100X**60S01210

Image
coming
soon**141F3571** **2 x US cable entry plate assembly, V100X**60S01211

Image
coming
soon**141F3572** **2 x US cable entry plate assembly**60S01212

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Spare Parts

Image
coming
soon**141F6348** [🔗](#)**IGBT module 23NAB12T4V1**

60S01272

Image
coming
soon**141F6350** [🔗](#)**V100X MM4 200V 6.6A power board spare pa**

60S01274

Image
coming
soon**141F6349** [🔗](#)**V100X MM4 power head insulation foil spa**

60S01273

Image
coming
soon**141F6352** [🔗](#)**V100X MM4 380-500V 5.6A power board**

60S01276

Image
coming
soon**141F6353** [🔗](#)**Power board 12A 380-500V V100X**

60S01277

Image
coming
soon**141F6354** [🔗](#)**V100X MM4 DC capacitor 150uF 800V**

60S01278

Image
coming
soon**141F6356** [🔗](#)**V100X MM4 wiring between MB to CU**

60S01282

Image
coming
soon**141F6357** [🔗](#)**IGBT module 35NAB12T4V1**

60S01287

Image
coming
soon**141F6358** [🔗](#)**IGBT module 37NAB12T4V1**

60S01288

Image
coming
soon**141F6360** [🔗](#)**V100X MM5 200V 31A power board spare par**

60S01290

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Spare Parts

Image
coming
soon**141F6359** **V100X MM5 power head insulation foil spa**

60S01289

Image
coming
soon**141F6362** **V100X MM5 DC capacitor 250uF 800V**

60S01292

Image
coming
soon**141F6363** **V100X MM5 DC capacitor 350uF 800V**

60S01293

Image
coming
soon**141F6364** **V100X MM5 MM6 wiring between MB to CU**

60S01298

Image
coming
soon**141F6365** **V100X MM6 User Interface Board with gap**

60S01300

Image
coming
soon**141F6366** **V100X MM6 User Interface to Measurement**

60S01301

Image
coming
soon**141F6367** **V100X MM6 power head insulation foil spa**

60S01302

Image
coming
soon**141F6368** **IGBT module 38AC12T4V1**

60S01303

Image
coming
soon**141F6370** **Rectifier module 28AHB16V3**

60S01305

Image
coming
soon**141F6371** **V100X MM6 200V 60A power board spare par**

60S01306

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Spare Parts

Image
coming
soon**141F6372** **Power board 72A 380V-500V for MM6**

60S01307

Image
coming
soon**141F6378** **V100X Thermistor and STO Board spare par**

60S01322

Image
coming
soon**141F6374** **V100X MM6 DC bus power connector with RE**

60S01309

Image
coming
soon**141F6373** **V100X MM6 DC capacitor 700uF 800V**

60S01308

Image
coming
soon**141F6375** **V100X MM6 busbar assembly spare part**

60S01310

Image
coming
soon**141F6376** **V100X MM6 power cables U,V,W, DC+, DC-**

60S01311

Image
coming
soon**141F6377** **Control Board for V100X**

60S01321

Image
coming
soon**141F6379** **V100X MM6 input cables and ferrite spare**

60S01327

Image
coming
soon**141F6896** **V100X MM06 power terminal block top spar**

60S01357

Image
coming
soon**141F6898** **V100X MM04-MM06 Product A-Cover and Lid**

60S01358

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Spare Parts

Image
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soon

181B1378 [🔗](#)

Control Unit Assembly +A1181 for V100X

60S01352

Services



130R1121 [🔗](#)

DrivePro ExWarr Work Shop PG03 30 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.



130R1120 [🔗](#)

DrivePro ExWarr Work Shop PG03 24 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.



130R1122 [🔗](#)

DrivePro ExWarr Work Shop PG03 36 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.



130R1123 [🔗](#)

DrivePro ExWarr Work Shop PG03 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 office for extended warranty contract options.

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Services

**130R1126** [🔗](#)**DrivePro ExWarr Work Shop PG03 60 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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**130R1125** [🔗](#)**DrivePro ExWarr Work Shop PG03 54 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.

**130R1124** [🔗](#)**DrivePro ExWarr Work Shop PG03 48 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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**130R1127** [🔗](#)**DrivePro ExWarr Work Shop PG03 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.

**130R1128** [🔗](#)**DrivePro ExWarr Work Shop PG03 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.

**130R1024** [🔗](#)**DrivePro ExWarr Onsite PG03 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

**130R1025** [🔗](#)**DrivePro ExWarr Onsite PG03 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.

**130R1020** [🔗](#)**DrivePro ExWarr Onsite PG03 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.

**130R1022** [🔗](#)**DrivePro ExWarr Onsite PG03 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.

**130R1021** [🔗](#)**DrivePro ExWarr Onsite PG03 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.

**130R1027** [🔗](#)**DrivePro ExWarr Onsite PG03 66 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.

**130R1026** [🔗](#)**DrivePro ExWarr Onsite PG03 60 months**

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

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Services



130R1028 [🔗](#)

DrivePro ExWarr Onsite PG03 72 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.



130R1023 [🔗](#)

DrivePro ExWarr Onsite PG03 42 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.



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VACON® 100X

31 AMP, (-4) 380 – 480 Vac

(+DBIN) Brake Chopper, (+LS50) 50 Hz

C2 Commercial&Industry Environ

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D Slot: No board

E Slot: No board

Other options according to Model code

Model code: VACON0100-3L-0031-4-X+FBIE+HMGR

VACON® 100 X

Achieve maximum performance in extreme environments. This AC drive withstands high-pressure water, high vibration levels, heat and dirt. A Gore® vent membrane, IP66 / Type 4X outdoor enclosure, and an operating temperature range from -40°C to +60°C give you full freedom for unlimited outdoor installations.

With power range extending up to 37 kW, this drive makes the benefits of decentralized solutions available for a wide range of applications.

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