

**136F1031****VA100X-3L-0072-4-X+BM1X-00000521**

VACON0100-3L-0072-4-X+A1181+FBIE+HMGR

VACON0100-3L-0072-4-X+A1181+FBIE+HMGR

VACON® 100X

72 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-0072-4-X+A1181+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		32.5 kg
Net weight		31.5 kg
Volume		1.016 hl
EAN		5715162274309
Vacon 100 X		
Product View (Switch)	GLBL	Global (Standard)
Product Group	VACON	VACON
Product Series	0100	VACON 100
Input type	-3L	-3L
Current	-0072	72
Current Description		72 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	+A1181	(+A1181) Solar 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	MM6	MM 06
Product Catalog	NO_VIEW	NO VIEW
Modelcode01		VACON0100-3L-0072-4-X
Modelcode04		+A1181+FBIE+HMGR
Typecode Part 1		VA100X-3L-0072-4-X+BM1X
Typecode Part 2		-00000521
Calculated Net Weight [kg]		31.5
Calculated Gross Weight [kg]		33.85
Dimensions WxHxD [mm]		350X500X236
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		32.5
Material Net Weight		31.5

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

Accessories

Image
coming
soon**181B0482** [🔗](#)**Vacon100 MM6 Main Switch Option**

POW-QDSS-MM06

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

CAB-HMI2M-MC05-X

Image
coming
soon**181B0481** [🔗](#)**Vacon100 MM6 Motor Mount Flange**

ENC-QMMF-MM06

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Accessories

Image
coming
soon**141F4234** **Vacon100 MM6 Auxiliary Frame Heater**

ENC-QAFH-MM06

**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

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Spare Parts

Image
coming
soon**141F3500** **10x Packaging carton box with option inl**

60S01121

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

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Spare Parts

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

60S01212

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

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Spare Parts

Image
coming
soon**141F6360** **V100X MM5 200V 31A power board spare par**
60S01290Image
coming
soon**141F6359** **V100X MM5 power head insulation foil spa**
60S01289Image
coming
soon**141F6362** **V100X MM5 DC capacitor 250uF 800V**
60S01292Image
coming
soon**141F6363** **V100X MM5 DC capacitor 350uF 800V**
60S01293Image
coming
soon**141F6364** **V100X MM5 MM6 wiring between MB to CU**
60S01298Image
coming
soon**141F6365** **V100X MM6 User Interface Board with gap**
60S01300Image
coming
soon**141F6366** **V100X MM6 User Interface to Measurement**
60S01301Image
coming
soon**141F6367** **V100X MM6 power head insulation foil spa**
60S01302Image
coming
soon**141F6368** **IGBT module 38AC12T4V1**
60S01303Image
coming
soon**141F6370** **Rectifier module 28AHB16V3**
60S01305**For more information, please use this link to visit the product page on Danfoss Product Store** 

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Spare Parts

Image
coming
soon**141F6371** [🔗](#)**V100X MM6 200V 60A power board spare par**
60S01306Image
coming
soon**141F6372** [🔗](#)**Power board 72A 380V-500V for MM6**
60S01307Image
coming
soon**141F6378** [🔗](#)**V100X Thermistor and STO Board spare par**
60S01322Image
coming
soon**141F6374** [🔗](#)**V100X MM6 DC bus power connector with RE**
60S01309Image
coming
soon**141F6373** [🔗](#)**V100X MM6 DC capacitor 700uF 800V**
60S01308Image
coming
soon**141F6375** [🔗](#)**V100X MM6 busbar assembly spare part**
60S01310Image
coming
soon**141F6376** [🔗](#)**V100X MM6 power cables U,V,W, DC+, DC-**
60S01311Image
coming
soon**141F6377** [🔗](#)**Control Board for V100X**
60S01321Image
coming
soon**141F6379** [🔗](#)**V100X MM6 input cables and ferrite spare**
60S01327Image
coming
soon**141F6896** [🔗](#)**V100X MM06 power terminal block top spar**
60S01357**For more information, please use this link to visit the product page on Danfoss Product Store** [🔗](#)

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Spare Parts

Image
coming
soon**141F6898** [🔗](#)**V100X MM04-MM06 Product A-Cover and Lid**
60S01358Image
coming
soon**181B1378** [🔗](#)**Control Unit Assembly +A1181 for V100X**
60S01352

Services

**130R1131** [🔗](#)**DrivePro ExWarr Work Shop PG04 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.

**130R1134** [🔗](#)**DrivePro ExWarr Work Shop PG04 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 office for extended warranty contract options.

**130R1135** [🔗](#)**DrivePro ExWarr Work Shop PG04 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.

**130R1137** [🔗](#)**DrivePro ExWarr Work Shop PG04 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.

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Services

**130R1138** [🔗](#)**DrivePro ExWarr Work Shop PG04 72 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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**130R1136** [🔗](#)**DrivePro ExWarr Work Shop PG04 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.

**130R1130** [🔗](#)**DrivePro ExWarr Work Shop PG04 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.

**130R1132** [🔗](#)**DrivePro ExWarr Work Shop PG04 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.

**130R1133** [🔗](#)**DrivePro ExWarr Work Shop PG04 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.

**130R1034** [🔗](#)**DrivePro ExWarr Onsite PG04 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.

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Services

**130R1031** [🔗](#)**DrivePro ExWarr Onsite PG04 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.

**130R1032** [🔗](#)**DrivePro ExWarr Onsite PG04 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.

**130R1035** [🔗](#)**DrivePro ExWarr Onsite PG04 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.

**130R1033** [🔗](#)**DrivePro ExWarr Onsite PG04 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.

**130R1030** [🔗](#)**DrivePro ExWarr Onsite PG04 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.

**130R1038** [🔗](#)**DrivePro ExWarr Onsite PG04 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.

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Services

**130R1036** [🔗](#)**DrivePro ExWarr Onsite PG04 60 months**

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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.

**130R1037** [🔗](#)**DrivePro ExWarr Onsite PG04 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.

**135N2658** [🔗](#)**VA100X-3L-0072-4-X+BM1X-000000471**

VACON0100-3L-0072-4-X+FBIE+HMGR

VACON0100-3L-0072-4-X+FBIE+HMGR

VACON® 100X

72 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-0072-4-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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