

**136F1025****VA100X-3L-0016-4-X+BM1X-00000507**

VACON0100-3L-0016-4-X+A1181+FBIE+HMGR

VACON0100-3L-0016-4-X+A1181+FBIE+HMGR

VACON® 100X

16 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-0016-4-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		15.9 kg
Net weight		14.9 kg
Volume		0.378 hl
EAN		5715162273845
Vacon 100 X		
Product View (Switch)	GLBL	Global (Standard)
Product Group	VACON	VACON
Product Series	0100	VACON 100
Input type	-3L	-3L
Current	-0016	16
Current Description		16 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)

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 | VA100X-3L-0016-4-X+BM1X-000000507

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-0016-4-X
Modelcode04		+A1181+FBIE+HMGR
Typecode Part 1		VA100X-3L-0016-4-X+BM1X
Typecode Part 2		-000000507
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
Recommended Plant		ERR01
ECCN US		3A999.a
ECCN EU		X.A.I.003
Help Counter		1

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

141F4233 [🔗](#)
Vacon100 MM5 Auxiliary Frame Heater
 ENC-QAFH-MM05

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

141F4186 [🔗](#)

Vacon100 MM5 Main Switch Option

POW-QDSS-MM05



141F4176 [🔗](#)

VACON-PAN-HMGR-MC05-X

VACON-PAN-HMGR-MC05-X

Image
coming
soon

141F4278 [🔗](#)

RTC battery kit 10pcs, OP

OPT-BT-MC05-10

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

141F6355 [🔗](#)

Measurement Board for V100X

60S01279

Image
coming
soon

141F3486 [🔗](#)

V100X control 10 x accessory bag

60S01107

Image
coming
soon

141F3489 [🔗](#)

V100X MM06 accessory bag (10pcs)

60S01110

Image
coming
soon

141F3497 [🔗](#)

V100X MM04 packaging EPP

60S01118

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.

Spare Parts

Image
coming
soon**141F3498** **V100X MM05 packaging EPP**

60S01119

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

60S01120

Image
coming
soon**141F3513** **Power terminal block V100X MM05**

60S01138

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**141F3541** **2 x gasket for cable entry plate, V100X**

60S01179

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

60S01180

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.

Spare Parts

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

Image
coming
soon**141F6346** **V100X MM4, MM5 User Interface Board**

60S01269

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**141F6351** **V100X MM4 200V 12.5A power board spare p**

60S01275

Image
coming
soon**141F6352** **V100X MM4 380-500V 5.6A power board**

60S01276

Image
coming
soon**141F6353** **Power board 12A 380-500V V100X**

60S01277

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.

Spare Parts

Image
coming
soon**141F6354** [🔗](#)**V100X MM4 DC capacitor 150uF 800V**
60S01278Image
coming
soon**141F6356** [🔗](#)**V100X MM4 wiring between MB to CU**
60S01282Image
coming
soon**141F6357** [🔗](#)**IGBT module 35NAB12T4V1**
60S01287Image
coming
soon**141F6358** [🔗](#)**IGBT module 37NAB12T4V1**
60S01288Image
coming
soon**141F6360** [🔗](#)**V100X MM5 200V 31A power board spare par**
60S01290Image
coming
soon**141F6361** [🔗](#)**Power board 31A 380V-500V for MM5**
60S01291Image
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**
60S01298**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.

Spare Parts

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**141F6369** **IGBT module 39AC12T4V1**

60S01304

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

60S01305

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

60S01306

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

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.

Spare Parts

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

Image
coming
soon**181B1378** **Control Unit Assembly +A1181 for V100X**

60S01352

Image
coming
soon**181B1492** **User Interface cable to Measurement V100**

60S01270

Image
coming
soon**181B6296** **V100X, V020X STO Service Tool**

STL-EST48201

Service tool is used for VACON100X product (STO) safety functional test purposes.

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.

Services



130R1121 [🔗](#)

DrivePro ExWarr Work Shop PG03 30 Month

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 Month

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 Month

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 Month

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.



130R1126 [🔗](#)

DrivePro ExWarr Work Shop PG03 60 Month

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.

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.

Services

**130R1125** [🔗](#)**DrivePro ExWarr Work Shop PG03 54 Month**

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 Month**

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.

**130R1127** [🔗](#)**DrivePro ExWarr Work Shop PG03 66 Month**

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 Month**

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.

**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.

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.

Services

**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.

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.

**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.

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.

Services

**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.

**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.

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.