

**VACON® 100**

Frequency converter

VACON100-3L-0038-5-FLOW+SBF4+SCB4+IP54+EMC4+DPAP+EMAR+GALR+GNKC
+GNUA

]

VACON 100 FLOW

380-500 Vac, 38 Amp, IP54/NEMA12

Graphical Keypad MK01

EMC C4 System Component

B Slot: F4,2 Relay board with therm

C Slot: B4,AI,2AO(mA,isol),+24V/EXT

D Slot: No board

Fieldbus: Std protocol,Modbus,N2,BacNet

Manual: English

Frame 06

E Slot: No board

Other options according to Model code

Model code: VACON100-3L-0038-5-FLOW+SBF4+SCB4+IP54+EMC4+DPAP+EMAR+GALR
+GNKC+GNUA

VACON® 100 AC drives are ideal for saving energy, optimizing process control and improving productivity. They are designed for multi-purpose use while remaining easy to install, easy to commission and easy to operate.

The variants VACON® INDUSTRIAL and VACON® FLOW are available in power range 0.55-800 kW, voltage range 208-690 V, and protection ratings IP00, IP21/UL Type 1 and IP54/UL Type 12.

PRODUCT DETAILS

Segment	VACON 100 FLOW
Region Code	R00 International
Mains voltage	380-500 Vac
Current rating	38 Amp
Installation options	DM Drive Module
Enclosure	IP54/NEMA12
Control panel	Graphical Keypad MK01
EMC emission limit category	EMC C4 System Component
Common mode filter (for DM)	No Option
DUT filter (for DM)	No Option
Brake chopper	No dynamic braking device
Real time clock option	No Battery for real time clock
Configurable power range	None
Power connections	No Power options (+P000)
Cable entry	Metric conduit plate
Additional Equipment B	No option for Qxxx_B (+Q000)
Additional Equipment C	No additional option for Qxxx_C
Shipping package	Cardboard Box as Shipping pack
Marine construction	Marine construction
B-Slot Option Board	F4,2 Relay board with therm
C- Slot Option Board	B4,AI,2AO(mA,isol),+24V/EXT
D-Slot Option Board	No board

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 DETAILS

E-Slot Option Board	No board
Internal FB selection	Std protocol, Modbus, N2, BacNet
Documentation level	Paper Manuals
Document language preference	English
Firmware Language Pack	UK, DE, FI, SE, IT, FR lang
Application	No Application
Parameter Set	No application parameter set
Motor parameter default freq	50 Hz def motor freq settings
Unit for measure for display	Metric Units of Measure
Labeling options	no additional labels
UL approval	UL Approval (+GAUL)
Marine approval	Lloyd's Register
RCM Approval	RCM Approval N16307
KC approval	No KC Approval
Ukrainian approval	No Ukrainian Approval
EAC Approval	EAC Approval
Auxiliary power supply	no option
DC power supply for aux device	no option
AC socket for aux devices	no option
Input Devices	none_
Common mode filter (for ED)	no option
DU/DT, Sine filter (for ED)	no option
Terminal Options	none_
Door Equipments	no option
Cabinet heater	no option
Cabinet light	no option
Motor heater control	no option
Emergency stop options	no option
Insulation fault sensor	no option
Cabling from top	no option
Back channel cooling	no option
Cabinet Plinth	no option
Empty extension segment	None
Standardized cabinet solution	None
Engineered cabinet solution	None
Product Group	VACON
Product Series	Vacon 100 series
Phase	3 Phase AC Input
Customized	Vacon 100-FLOW
Main Circuit	NONE
Firmware	Vacon0100-Flow Software pack
Max output frequency	None
Terminal Box	NONE
Bypass Control Operation Mode	none_
Bypass Input Type	none_
Bypass power connection type	none_
CE approval	CE Approval (+GACE)
ATEX Approval	None
County Specific Approval	None
Frame Size	Frame 06
Product Catalog	Global (Standard)

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 DETAILS

Typecode Part 1	70-AB3L00385W06B540BM2H
Typecode Part 2	
Modelcode01	VACON0100-3L-0038-5
Modelcode02	-FLOW+SBF4+SCB4+IP54+EMC4+DPAP
Modelcode03	+EMAR+GALR+GNKC+GNUA
Vendor	(D801) Factory FI - Vaasa
Recommended Plant	D801
Calculated Net Weight [kg]	20
Calculated Gross Weight [kg]	21
Motor Power Low Overload [kW]	18.5
Motor Power High Overload [kW]	NV
Dimensions WxHxD [mm] net	195 X 557 X 229
Dimensions WxHxD [mm] Gross	251 X 630 X 287
Continuous Current (NO) [A]	38
Continuous Current (HO) [A]	NV
Motor Power HP Low Overload	25
Motor Power HP High Overload	NV
ECCN US	3A999.a
ECCN EU	Y901
Gross weight	0 kg
Net weight	0 kg
Volume	0 l

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