



**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**

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

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**PRODUCT DETAILS**

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

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## 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 [🔗](#)