



137N0175

NXA05205-A0T02PG-A1A20000CP+ARFIFF05+DLFR+EMAR

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NXA05205-A0T02PG-A1A20000CP +ARFIFF05 +DLFR+EMAR

Vacon Active Front-End Unit

380 – 500 Vac (465-800 Vdc), 520 Amp, IP00

Alpha-numeric display

IEC61800-3 for IT networks

No Brake

A Slot: 6DI,DO,2AI,1AO,+10Vr,+24V

B Slot: 2RO(NO/NC)

C Slot: No board

D Slot: No board

E Slot: PROFINET

Manual: French

Frame 62 liquid cooled

Other options according to Model code

Model code: NXA05205-A0T02PG-A1A20000CP+ARFIFF05+DLFR+EMAR

The VACON® NX family of air-cooled and liquid-cooled drives is designed for a broad range of demanding industrial applications. It comprises wall-mounted, enclosed and system drives in the power range 0.55 kW-5.3 MW.

Liquid-cooled variants are well-suited to applications where air quality is critical, space is limited, and highly efficient heat transfer is required. VACON® NX drives deliver maximum motor control performance and dynamics for both single-shaft machines and drive systems. Configurable I/O and fieldbuses cater for any connectivity need. You can customize drive functions to obtain cost savings and deeper machine integration.

View Efficiency Data

PRODUCT DETAILS

Gross weight		56 Kilogram
Net weight		55 Kilogram
EAN		5715253578828
Product View (Switch)	GLBL	Global (Standard)
Product Group	NXA	Active Front-End Unit
Customized Drive	+BM26	Vacon Dark Grey NXP
Mechanical Modification	P	LiquidCooled w. nickel element
Mains voltage	5-	380 – 500 Vac (465-800 Vdc)
Current	0520	520 Amp
Control Keypad	A	Alpha-numeric display
Enclosure	0	IP00
EMC emission levels	T	IEC61800-3 for IT networks
Brake Chopper	0	No Brake
Electrical Modification	2	AFE module w/o LCL
Card Modifications	G-	FiberConnection+Varnished PCB

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Product Detail | NXA05205-A0T02PG-A1A20000CP+ARFIFF05+DLFR+EMAR

PRODUCT DETAILS

Shipping Package	+GSCB	Cardboard box as Shipping pack
Warranty	+WT01	Warranty 12/18 months
Gland Plate Option	+QGNO	No conduit plate
Option Slot A	A1	6DI,DO,2AI,1AO,+10Vr,+24V
Option Slot B	A2	2RO(NO/NC)
Option Slot C	00	No board
Option Slot D	00	No board
Option Slot E	CP	PROFINET
Firmware language package	+FL22	UK,FR,IT,ES,PT;WestEur
Documentation Level	+DPAP	Paper manuals
Documentation Lang. Preference	+DLFR	French
System Firmware	+FNPO2	System software NXP
Software license	NONE	no software license
Application	+ARFIFF05	AFE II application NXA,NXI,NXP
Parameter Set	NONE	none
Motor Parameter Default	+LS50	Default Motor frequency 50HZ
Labeling options	+LPC1	no additional labels
Special BoM structure	+SPC0	Standard BoM Configuration
CE Approval	+GACE	CE Approval
UL Approval	+GAUL	UL approval
RCM Approval	+GACT	RCM Approval N16307
Marine approval	+EMAR	Marine Approval
KC Approval	+GAKC	Korean Approval
Ukrainian Approval	+GAUA	Ukrainian Approval
EAC Approval	+GAEA	EAC Approval
Region	-R00	International (-R00)
Frame Size	CH62	Frame 62 liquid cooled
Sub family identification	NONE	Normal customer ordered
Customer specific power variat	NONE	Normal power rating
Typecode Part 1		7DA-052050
Typecode Part 2		-000129096
Salestext	CH6205205-0T	CH6205205-0T
Modelcode01		NXA05205-A0T02PG-
Modelcode02		A1A20000CP
Modelcode04		+ARFIFF05
Modelcode05		+DLFR+EMAR
Calculated Net Weight [kg]		55
Calculated Gross Weight [kg]		56
Motor Power Low Overload [kW]	319	319
Motor Power High Overload [kW]	-	-
Dimensions WxHxD [mm]	246X658X374	246X658X374
Continuous Current (NO) [A]	473	473
Continuous Current (HO) [A]	-	-
Product Catalog	NO_VIEW	NO VIEW
Prefix VXSXLM	7	7
Platform VXSXLM	D	D
Stock Code	7DA-052050	7DA-052050
check if complete	OK	OK
Salescode part 2		A1A20000CP
Help Counter		1
Plant from Orderline	D801	D801

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PRODUCT DETAILS

Vendor	ERR01	Cannot Determine Vendor
Producing plant	ERR01	Cannot Determine Vendor
ECCN EU	Y901	Y901
ECCN US	3A999.a	3A999.a
Delivering plant	ERR01	ERR01
Salescode part 3	+ARFIFF05	+ARFIFF05

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

Accessories

Image
coming
soon

181B4568 [🔗](#)

NX AFE Installation manual

DOC-INSNXAFE-10+DLUK

Image
coming
soon

181B4569 [🔗](#)

NX AFE Installation manual

DOC-INSNXAFE-10+DLDE

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