

INDUSTRIAL COMPONENT DATA

DG1-34023FB-C21C 9702-2001-00P Y7-9702-2001-00P EATON ELECTRIC DG1-34023FB-C21C Variable frequency drive, 3-..

Brand: EATON - MOELLER | Manufacturer Part Number: DG1-34023FB-C21C



Manufacturer	EATON - MOELLER
MPN / Reference	DG1-34023FB-C21C
Catalog number	Y7-9702-2001-00P
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-015D7DF55D
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Product Overview

DG1-34023FB-C21C Variable frequency drive, 3-phase 480 V, 23A, EMC filter, Internal braking transistor, degree of protection IP21

DG1-34023FB-C21C

Eaton DG1 Variable frequency drive, 400 V AC, 3-phase, 23 A, 11 kW, IP21/NEMA1, Brake chopper, DC link choke
Variable frequency drive, Part group reference (e.g. DIL): DG1, Rated operational voltage: $U_e = 400 \text{ V AC}$, 3-phase, 480 V AC, 3-phase, 500 V AC, 3-phase, Output voltage with V_e : $U_2 = 400 \text{ V AC}$, 3-phase, 480 V AC, 3-phase, 500 V AC, 3-phase, Mains voltage (50/60Hz): $U_{LN} = 380 (-15\%) - 500 (+10\%) \text{ V}$, Rated operational current At 150% overload: $I_e = 23 \text{ A}$, Note: Rated operational current for a switching frequency of 1 - 12 kHz and an ambient temperature of +50 °C for a 150% overload and +40 °C for a 110% overload, Rated operational current At 110% overload: $I_e = 31 \text{ A}$, Note: Overload cycle for 60 s every 600 s, Assigned motor rating Note: for normal internally and externally ventilated 4 pole, three-phase asynchronous motors with 1500 rpm-1 at 50 Hz or 1800 min-1 at 60 Hz, Overload cycle for 60 s every 600 s, at 400 V, 50 Hz, Assigned motor rating 150 % Overload: $P = 11 \text{ kW}$, 110 % Overload: $P = 15 \text{ kW}$, 150 % Overload: $I_M = 21.7 \text{ A}$, 110 % Overload: $I_M = 29.3 \text{ A}$, Assigned motor rating Note: at 500 V, 50 Hz, Assigned motor rating 150 % Overload: $P = 11 \text{ kW}$, 110 % Overload: $P = 18.5 \text{ kW}$, 150 % Overload: $I_M = 17.4 \text{ A}$, 110 % Overload: $I_M = 28.9 \dots$

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path **EATON - MOELLER > Power XL Frequency Converters**

Additional Product Information

General specifications

Product Name Eaton DG1 variable frequency drive Catalog Number 9702-2001-00P Model Code DG1-34023FB-C21C

EAN 4015081721405 Product Length/Depth 244.7 mm Product Height 419 mm Product Width 167.8 mm Product Weight 10.7 kg Certifications UkrSEPRO

CSA-C22.2 No. 274-13

RoHS, ISO 9001

UL

UL Category Control No.: NMMS, NMMS7

C-Tick

IEC/EN61800-5

Safety requirements: IEC/EN 61800-5

UL File No.: E134360

UL report applies to both US and Canada

Certified by UL for use in Canada

EAC

CUL

IEC/EN61800-3

Specification for general requirements: IEC/EN 61800-2

CE

UL508

IEC/EN 61800-3 Catalog Notes The brake resistors are assigned based on the maximum rated power of the variable frequency drive. Additional brake resistors and designs (e.g. different duty cycles) are available upon request. Product specifications

Product Category Variable frequency drives Features Tool-less swapping of fan

Temperature-controlled fan

Parameterization: Fieldbus

Parameterization: Keypad

Parameterization: Power Xpert inControl 10.10 Temperature rise The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.13 Mechanical function The device meets the requirements, provide...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DG1-34023FB-C21C with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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