

**INDUSTRIAL COMPONENT DATA**

# DG1-32061FB-C21C 9701-4002-00P Y7-9701-4002-00P EATON ELECTRIC DG1-32061FB-C21C Variable frequency drive, 3-..

Brand: EATON - MOELLER | Manufacturer Part Number: DG1-32061FB-C21C



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | DG1-32061FB-C21C                   |
| Catalog number  | Y7-9701-4002-00P                   |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-1884ED2A2D                      |
| Generated       | 2026-08-03                         |

## Product Overview

DG1-32061FB-C21C Variable frequency drive, 3-phase 240 V, 61A, EMC filter, Internal braking transistor, degree of protection IP21

DG1-32061FB-C21C

Eaton DG1 Variable frequency drive, 230 V AC, 3-phase, 61 A, 15 kW, IP21/NEMA1, Brake chopper, DC link choke  
Variable frequency drive, Part group reference (e.g. DIL): DG1, Rated operational voltage:  $U_e = 230 \text{ V AC}$ , 3-phase, 240 V AC, 3-phase, Output voltage with  $V_e$ :  $U_2 = 230 \text{ V AC}$ , 3-phase, 240 V AC, 3-phase, Mains voltage (50/60Hz):  $U_{LN} = 208 (-15\%) - 240 (+10\%) \text{ V}$ , Rated operational current At 150% overload:  $I_e = 61 \text{ A}$ , Note: Rated operational current for a switching frequency of 1 - 10 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:  $I_e = 75 \text{ A}$ , 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 230 V, 50 Hz, Assigned motor rating 150 % Overload:  $P = 15 \text{ kW}$ , 110 % Overload:  $P = 22 \text{ kW}$ , 150 % Overload:  $I_M = 51 \text{ A}$ , 110 % Overload:  $I_M = 71 \text{ A}$ , Assigned motor rating Note: at 230 V, 60 Hz, Assigned motor rating 150 % Overload:  $P = 20 \text{ HP}$ , 110 % Overload:  $P = 25 \text{ HP}$ , Assigned motor rating 150 % Overload:  $I_M = 54 \text{ A}$ , 110 % Overload:  $I_M = 68 \text{ A}$ , Degree of Protection: I...

**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 9701-4002-00P Model Code DG1-32061FB-C21C

EAN 4015081734108 Product Length/Depth 294 mm Product Height 630 mm Product Width 237.7 mm Product Weight 34.4 kg Certifications Certified by UL for use in Canada  
IEC/EN 61800-3  
EAC  
UL508  
IEC/EN61800-5  
Safety requirements: IEC/EN 61800-5  
UL File No.: E134360  
IEC/EN61800-3  
Specification for general requirements: IEC/EN 61800-2  
UkrSEPRO  
CE  
RoHS, ISO 9001  
UL  
UL report applies to both US and Canada  
CUL  
CSA-C22.2 No. 274-13  
C-Tick  
UL Category Control No.: NMMS, NMMS7 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. Features & Functions  
Features Externally accessible fan  
Temperature-controlled fan  
Parameterization: Fieldbus  
Parameterization: Keypad  
Parameterization: Power Xpert inControl Functions 4-quadrant operation possible General  
Air volume capacity 260 m³/h Cable length C2 ≤ 10 m, Radio interference level, maximum motor cable length C3 ≤ 50 m, Radio interference level, maximum motor cable length 200 m, screened, maximum permissible, Motor feeder Degree of protection NEMA 1  
IP21 Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Environmental class 3C2, 3S2 (Air quality) Fitted with: Brake chopper  
Internal DC link  
Additional PCB protection  
Radio interference suppr...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DG1-32061FB-C21C with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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