

INDUSTRIAL COMPONENT DATA

DG1-32088FN-C54C 9701-4111-00P Y7-9701-4111-00P EATON ELECTRIC DG1-32088FN-C54C Variable frequency drive, 3-..

Brand: EATON - MOELLER | Manufacturer Part Number: DG1-32088FN-C54C



Manufacturer	EATON - MOELLER
MPN / Reference	DG1-32088FN-C54C
Catalog number	Y7-9701-4111-00P
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-7F59083500
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Product Overview

DG1-32088FN-C54C Variable frequency drive, 3-phase 230 V, 88A, EMC filter, protection type IP54

DG1-32088FN-C54C

Variable frequency drive, 230 V AC, 3-phase, 88 A, 22 kW, IP54/NEMA12, 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: $I_e = 88 \text{ A}$, 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: $I_e = 114 \text{ A}$, 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: $P = 22 \text{ kW}$, 110 % Overload: $P = 30 \text{ kW}$, 150 % Overload: $I_M = 71 \text{ A}$, 110 % Overload: $I_M = 96 \text{ A}$, Assigned motor rating Note: at 230 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 30 \text{ HP}$, 110 % Overload: $P = 40 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 80 \text{ A}$, 110 % Overload: $I_M = 104 \text{ A}$, Degree of Protection: IP54/NEMA12, Interface/field bus (built-in): Modbus RTU,....

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 9701-4111-00P Model Code DG1-32088FN-C54C

EAN 4015081734948 Product Length/Depth 294 mm Product Height 630 mm Product Width 237.7 mm Product Weight 34 kg Certifications RoHS, ISO 9001
CUL
EAC
UkrSEPRO
UL report applies to both US and Canada
UL
IEC/EN61800-3
IEC/EN61800-5
UL File No.: E134360
C-Tick
Certified by UL for use in Canada
IEC/EN 61800-3
CSA-C22.2 No. 274-13
Specification for general requirements: IEC/EN 61800-2
UL Category Control No.: NMMS, NMMS7
UL508
Safety requirements: IEC/EN 61800-5
CE Features & Functions
Features Temperature-controlled fan
Externally accessible fan
Parameterization: Fieldbus
Parameterization: Keypad
Parameterization: Power Xpert inControl General
Air volume capacity 260 m³/h Cable length C3 ≤ 50 m, Radio interference level, maximum motor cable length 200 m, screened, maximum permissible, Motor feeder
C2 ≤ 10 m, Radio interference level, maximum motor cable length Degree of protection NEMA 12
IP54 Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Environmental class 3C2, 3S2 (Air quality) Fitted with: Multi-line graphic display
Radio interference suppression filter
IGBT inverter
Additional PCB protection
Control unit
Internal DC link
PC connection
DC link choke Frame size FS4 Mounting position Vertical Number of slots 2 (expansion) Overvoltage category III Pollution degree 2 Product Category Variable frequency drives Protectio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DG1-32088FN-C54C with the required quantity to info@electricaonline.com or use 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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