INDUSTRIAL COMPONENT DATA

DG1-32011FB-C54C 9701-1109-00P Y7-9701-1109-00P EATON ELECTRIC DG1-32011FB-C54C Variable frequency drive, 3-..

Brand: EATON - MOELLER | Manufacturer Part Number: DG1-32011FB-C54C

Manufacturer	EATON - MOELLER
MPN / Reference	DG1-32011FB-C54C
Catalog number	Y7-9701-1109-00P
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-23161AB8CE
Generated	2026-08-02

Product Overview

DG1-32011FB-C54C Variable frequency drive, 3-phase 240 V, 11A, EMC filter, Internal braking transistor, protection type IP54
DG1-32011FB-C54C
Eaton DG1 Variable frequency drive, 230 V AC, 3-phase, 11 A, 2.2 kW, IP54/NEMA12, Brake chopper, DC link choke Variable frequency drive, Part group reference (e.g. DIL): DG1, Rated operational voltage: Ue = 230 V AC, 3-phase, 240 V AC, 3-phase, Output voltage with Ve: U2 = 230 V AC, 3-phase, 240 V AC, 3-phase, Mains voltage (50/60Hz): ULN = 208 (-15%) - 240 (+10%) V, Rated operational current At 150% overload: Ie = 11 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: Ie = 12.5 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 = 2.2 kW, 110 % Overload: P = 3 kW, 150 % Overload: IM = 8.7 A, 110 % Overload: IM = 11.5 A, Assigned motor rating Note: at 230 V, 60 Hz, Assigned motor rating 150 % Overload: P = 3 HP, 110 % Overload: P = 3 HP, Assigned motor rating 150 % Overload: IM = 9.6 A, 110 % Overload: IM = 9.6 A, Degree of Protection:...

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 9701-1109-00P Model Code DG1-32011FB-C54C

EAN 4015081734184 Product Length/Depth 200.9 mm Product Height 327 mm Product Width 153 mm Product Weight 6.1 kg Certifications IEC/EN61800-5
UL
C-Tick
Specification for general requirements: IEC/EN 61800-2
UL File No.: E134360
UL Category Control No.: NMMS, NMMS7
UL508
CUL
Certified by UL for use in Canada
EAC
Safety requirements: IEC/EN 61800-5
CSA-C22.2 No. 274-13
IEC/EN 61800-3
IEC/EN61800-3
UL report applies to both US and Canada
RoHS, ISO 9001
UkrSEPRO
CE 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 Tool-less swapping of fan
Temperature-controlled fan
Parameterization: Fieldbus
Parameterization: Keypad
Parameterization: Power Xpert inControl Functions 4-quadrant operation possible General
Air volume capacity 24 m³/h Cable length C3 <= 50 m, Radio interference level, maximum motor cable length
C2 <= 10 m, Radio interference level, maximum motor cable length
100 m, screened, maximum permissible, Motor feeder Degree of protection IP54
NEMA 12 Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Environmental class 3C2, 3S2 (Air quality) Fitted with: DC link choke
Internal DC link
PC connection
IGBT inverter
Brake chopper
Control u...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DG1-32011FB-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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