

INDUSTRIAL COMPONENT DATA

DG1-34820FN-C00C 3-4918-107A EATON ELECTRIC Variable frequency drive, 400 V AC, 3-phase, 820 A, 450 kW, IP00..

Brand: EATON - MOELLER | Manufacturer Part Number: DG1-34820FN-C00C



Manufacturer	EATON - MOELLER
MPN / Reference	DG1-34820FN-C00C
Catalog number	3-4918-107A
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-4DD0DCD486
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Product Overview

Variable frequency drive, 400 V AC, 3-phase, 820 A, 450 kW, IP00, DC link choke
Frequency converter; Ent: 3 x 400 V; Salt: 3 x 400 V; 820 To; 450 kW; IP00; DC link choke

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
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Additional Product Information

General specifications

Product Name Eaton DG1 variable frequency drive Catalog Number 3-4918-107A Model Code DG1-34820FN-C00C EAN 4015081941797 Product Length/Depth 561 mm Product Height 980 mm Product Width 1037 mm Product Weight 410 kg

Certifications C-Tick

UL Category Control No.: NMMS, NMMS7

Safety requirements: IEC/EN 61800-5

UL

Specification for general requirements: IEC/EN 61800-2

EAC

RoHS, ISO 9001

UL File No.: E134360

CUL

CE

IEC/EN 61800-3

UkrSEPRO Features & Functions

Features Temperature-controlled fan

Externally accessible fan General

Air volume capacity 2800 m³/h Cable length 200 m, screened, maximum permissible, Motor feeder

C2 ≤ 10 m, Radio interference level, maximum motor cable length

C3 ≤ 50 m, Radio interference level, maximum motor cable length Degree of protection IP00

NEMA Other Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Environmental class 3C2, 3S2 (Air quality) Fitted with: Radio interference suppression filter

DC link choke

IGBT inverter

Internal DC link

Additional PCB protection

Multi-line graphic display

Control unit

PC connection Frame size FS8 Mounting position Vertical Number of slots 2 (expansion) Overvoltage category III Pollution degree 2 Protection Finger and back-of-hand proof, Protection against direct contact (BGV A3, VBG4) Radio interference class C1: with external filter, for conducted emissions only

C2, C3: depending on the motor cable length, the connected load, and ambient conditions. External ra...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DG1-34820FN-C00C with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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