

INDUSTRIAL COMPONENT DATA

DA1-34018FB-B66C 169388 Y7-169388 EATON ELECTRIC

Variable frequency drive, 400 V AC, 3-phase, 18 A, 7.5 kW, ..

Brand: EATON - MOELLER | Manufacturer Part Number: DA1-34018FB-B66C



Manufacturer	EATON - MOELLER
MPN / Reference	DA1-34018FB-B66C
Catalog number	Y7-169388
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-235447B982
Generated	2026-08-04

Product Overview

Variable frequency drive, 400 V AC, 3-phase, 18 A, 7.5 kW, IP66/NEMA 4X, Radio interference suppression filter, OLED display

DA1-34018FB-B66C

Variable frequency drive, Part group reference (e.g. DIL): DA1, Rated operational voltage: $U_e = 400 \text{ V AC}$, 3-phase, 480 V AC, 3-phase, Output voltage with V_e : $U_2 = 400 \text{ V AC}$, 3-phase, 480 V AC, 3-phase, Mains voltage (50/60Hz): $U_{LN} = 380 (-10\%) - 480 (+10\%) \text{ V}$, Rated operational current At 150% overload: $I_e = 18 \text{ A}$, Note: Rated operational current at a switching frequency of 8 kHz and an ambient air temperature of $+40^\circ \text{C}$, 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: $P = 7.5 \text{ kW}$, 150 % Overload: $I_M = 15.2 \text{ A}$, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 10 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 14 \text{ A}$, Degree of Protection: IP66/NEMA 4X, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fieldbus connection (optional): Ethernet IP, DeviceNet, PROFIBUS, PROFINET, Modbus-TCP, EtherCAT, Fitted with: Radio interference suppression filter, Brake chopper, Additional PCB protection, OLED display, Frame size: FS3 , Standards: Spec...

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 DA1 Variable frequency drive Catalog Number 169388 Model Code DA1-34018FB-B66C EAN

4015081658312 Product Length/Depth 266.3 mm Product Height 310 mm Product Width 211 mm Product Weight 7.3 kg

Certifications RCM

RoHS, ISO 9001

UL report applies to both US and Canada

IEC/EN 61800-3

UL

EAC

Certified by UL for use in Canada

IEC/EN61800-3

CUL

UkrSEPRO

CSA-C22.2 No. 14

IEC/EN61800-5

Specification for general requirements: IEC/EN 61800-2

Safety: EN 61800-5-1: 2003

UL Category Control No.: NMMS, NMMS7

CE

UL 508C

UL File No.: E172143 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. General

Cable length 200 m, screened, with motor choke, maximum permissible, Motor feeder

100 m, screened, maximum permissible, Motor feeder

150 m, unscreened, maximum permissible, Motor feeder

C2 <= 5 m, Radio interference level, maximum motor cable length

C3 <= 25 m, Radio interference level, maximum motor cable length

300 m, unscreened, with motor choke, maximum permissible, Motor feeder Communication interface EtherCAT, optional

OP-Bus (RS485), built in

CANopen®, built in

PROFIBUS, optional

PROFINET, optional

DeviceNet, optional

Modbus RTU, built in

Modbus-TCP, optional

Ethernet IP, optional Connection to SmartWire-DT No Degree of protection IP66

NEMA 4X Electromagnetic compatibility 1st and 2nd environmen...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DA1-34018FB-B66C 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.