

INDUSTRIAL COMPONENT DATA

DA1-34018FB-B6SC 169389 Y7-169389 EATON ELECTRIC
Variable frequency drive, 400 V AC, 3-phase, 18 A, 7.5 kW, ..

Brand: EATON - MOELLER | Manufacturer Part Number: DA1-34018FB-B6SC



Manufacturer	EATON - MOELLER
MPN / Reference	DA1-34018FB-B6SC
Catalog number	Y7-169389
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-A95494001F
Generated	2026-08-02

Product Overview

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

DA1-34018FB-B6SC

Variable frequency drive, Part group reference (e.g. DIL): DA1, Rated operational voltage: $U_e = 400$ V AC, 3-phase, 480 V AC, 3-phase, Output voltage with V_e : $U_2 = 400$ V AC, 3-phase, 480 V AC, 3-phase, Mains voltage (50/60Hz): $U_{LN} = 380$ (-10%) - 480 (+10%) V, Rated operational current At 150% overload: $I_e = 18$ A, Note: Rated operational current at a switching frequency of 8 kHz and an ambient air temperature of +40 °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: $P = 7.5$ kW, 150 % Overload: $I_M = 15.2$ A, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 10$ HP, Assigned motor rating 150 % Overload: $I_M = 14$ 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, Local controls, F...

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 169389 Model Code DA1-34018FB-B6SC EAN

4015081658329 Product Length/Depth 266.3 mm Product Height 310 mm Product Width 211 mm Product Weight 7.3 kg

Certifications UL 508C

CE

IEC/EN 61800-3

EAC

IEC/EN61800-3

UL File No.: E172143

RoHS, ISO 9001

IEC/EN61800-5

UL

CSA-C22.2 No. 14

Certified by UL for use in Canada

RCM

UkrSEPRO

Specification for general requirements: IEC/EN 61800-2

Safety: EN 61800-5-1: 2003

UL Category Control No.: NMMS, NMMS7

CUL

UL report applies to both US and Canada 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 C3 <= 25 m, Radio interference level, maximum motor cable length

150 m, unscreened, maximum permissible, Motor feeder

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

100 m, screened, maximum permissible, Motor feeder

300 m, unscreened, with motor choke, maximum permissible, Motor feeder

200 m, screened, with motor choke, maximum permissible, Motor feeder Communication interface EtherCAT, optional

OP-Bus (RS485), built in

Modbus-TCP, optional

PROFINET, optional

PROFIBUS, optional

DeviceNet, optional

Modbus RTU, built in

Ethernet IP, optional

CANopen®, built in Connection to SmartWire-DT No Degree of protection NEMA 4X

IP66 Electromagnetic compatibility 1st and 2nd environmen...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DA1-34018FB-B6SC 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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