

**INDUSTRIAL COMPONENT DATA**

# DA1-32018FB-B6SC 169360 Y7-169360 EATON ELECTRIC

## Variable frequency drive, 230 V AC, 3-phase, 18 A, 4 kW, IP..

Brand: EATON - MOELLER | Manufacturer Part Number: DA1-32018FB-B6SC



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | DA1-32018FB-B6SC                   |
| Catalog number  | Y7-169360                          |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-8433BF0164                      |
| Generated       | 2026-08-04                         |

### Product Overview

Variable frequency drive, 230 V AC, 3-phase, 18 A, 4 kW, IP66/NEMA 4X, Radio interference suppression filter, OLED display, Local controls

DA1-32018FB-B6SC

Variable frequency drive, Part group reference (e.g. DIL): DA1, 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):  $U_{LN} = 200 (-10\%) - 240 (+10\%) \text{ V}$ , Rated operational current At 150% overload:  $I_e = 18 \text{ A}$ , Note: Rated operational current at a switching frequency of 16 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 230 V, 50 Hz, Assigned motor rating 150 % Overload:  $P = 4 \text{ kW}$ , 150 % Overload:  $I_M = 14.8 \text{ A}$ , Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload:  $P = 5 \text{ HP}$ , Assigned motor rating 150 % Overload:  $I_M = 15.2 \text{ A}$ , 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, Local controls, Fra...

**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 169360 Model Code DA1-32018FB-B6SC EAN

4015081660377 Product Length/Depth 266.3 mm Product Height 310 mm Product Width 211 mm Product Weight 7.3 kg

Certifications Specification for general requirements: IEC/EN 61800-2

UL 508C

CE

IEC/EN61800-5

UL Category Control No.: NMMS, NMMS7

UL report applies to both US and Canada

IEC/EN 61800-3

RoHS, ISO 9001

UkrSEPRO

CSA-C22.2 No. 14

Safety: EN 61800-5-1: 2003

CUL

UL File No.: E172143

Certified by UL for use in Canada

RCM

EAC

IEC/EN61800-3

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

C2 ≤ 5 m, Radio interference level, maximum motor cable length

C3 ≤ 25 m, Radio interference level, maximum motor cable length

150 m, unscreened, maximum permissible, Motor feeder

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

100 m, screened, maximum permissible, Motor feeder Communication interface EtherCAT, optional

Modbus RTU, built in

Modbus-TCP, optional

PROFIBUS, optional

DeviceNet, optional

OP-Bus (RS485), built in

PROFINET, optional

CANopen®, built in

Ethernet IP, optional 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 / DA1-32018FB-B6SC with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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