

## INDUSTRIAL COMPONENT DATA

# DC1-34018NB-A6SCE1 185741 EATON ELECTRIC Variable frequency drive, 400 V AC, 3-phase, 18 A, 7.5 kW, IP66/NEM..

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-34018NB-A6SCE1



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | DC1-34018NB-A6SCE1                 |
| Catalog number  | 185741                             |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-6939A8B1D2                      |
| Generated       | 2026-08-05                         |

## Product Overview

Variable frequency drive, 400 V AC, 3-phase, 18 A, 7.5 kW, IP66/NEMA 4X, Brake chopper, Local controls, FS3 Frequency Converter. Ent: 3 x 400 V. Salt: 3 x 400 V. 18 A. 7.5 kW. V/f, SLV. Braking transistor. IP66

Variable frequency drive, Part group reference (e.g. DIL): DC1, 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  $+40 \text{ }^\circ\text{C}$ , 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): SmartWire-DT, Fitted with: Brake chopper, 7-digital display assembly, Local controls, Frame size: FS3, Standards: Specification for genera...

## 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

Variable frequency drive, 400 V AC, 3-phase, 18 A, 7.5 kW, IP66/NEMA 4X, Brake chopper, Local controls, FS3Variable frequency drive, Part group reference (e.g. DIL): DC1, 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%) 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 °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): SmartWire-DT, Fitted with: Brake chopper, 7-digital display assembly, Local controls, Frame size: FS3, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61800-3, Safety requirements: IEC/EN 61800-5-1 Delivery program

This item is only available until 04/30/2021, after which it will be replaced with th...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-34018NB-A6SCE1 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

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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