

INDUSTRIAL COMPONENT DATA

**DG1-34140FN-C54C 9702-5107-00P Y7-9702-5107-00P EATON
ELECTRIC DG1-34140FN-C54C Variable frequency drive, 3-..**

Brand: EATON - MOELLER | Manufacturer Part Number: DG1-34140FN-C54C



Manufacturer	EATON - MOELLER
MPN / Reference	DG1-34140FN-C54C
Catalog number	Y7-9702-5107-00P
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-E83D5EA8C0
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Product Overview

DG1-34140FN-C54C Variable frequency drive, 3-phase 400 V, 140A, EMC filter, protection type IP54

DG1-34140FN-C54C

Variable frequency drive, 400 V AC, 3-phase, 140 A, 75 kW, IP54/NEMA12, DC link choke

Variable frequency drive, Part group reference (e.g. DIL): DG1, Rated operational voltage: Ue = 400 V AC, 3-phase, 480 V AC, 3-phase, 500 V AC, 3-phase, Output voltage with Ve: U2 = 400 V AC, 3-phase, 480 V AC, 3-phase, 500 V AC, 3-phase, Mains voltage (50/60Hz): ULN = 380 (-15%) - 500 (+10%) V, Rated operational current At 150% overload: Ie = 140 A, Note: Rated operational current for a switching frequency of 1 - 10 kHz and an ambient temperature of +50 °C for a 150% overload and +40 °C for a 110% overload, Rated operational current At 110% overload: Ie = 170 A, 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 = 75 kW, 110 % Overload: P = 90 kW, 150 % Overload: IM = 134 A, 110 % Overload: IM = 161 A, Assigned motor rating Note: at 500 V, 50 Hz, Assigned motor rating 150 % Overload: P = 90 kW, 110 % Overload: P = 110 kW, 150 % Overload: IM = 129 A, 110 % Overload: IM = 157 A, Assigned motor rating Note: at 480 V, 60 Hz, Assigned mo...

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, 140 A, 75 kW, IP54/NEMA12, DC link chokeVariable frequency drive, Part group reference (e.g. DIL): DG1, Rated operational voltage: Ue = 400 V AC, 3-phase, 480 V AC, 3-phase, 500 V AC,

3-phase, Output voltage with V_e : U2 = 400 V AC, 3-phase, 480 V AC, 3-phase, 500 V AC, 3-phase, Mains voltage (50/60Hz): ULN = 380 (-15%) - 500 (+10%) V, Rated operational current At 150% overload: I_e = 140 A, Note: Rated operational current for a switching frequency of 1 - 10 kHz and an ambient temperature of +50 °C for a 150% overload and +40 °C for a 110% overload, Rated operational current At 110% overload: I_e = 170 A, 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 = 75 kW, 110 % Overload: P = 90 kW, 150 % Overload: I_M = 134 A, 110 % Overload: I_M = 161 A, Assigned motor rating Note: at 500 V, 50 Hz, Assigned motor rating 150 % Overload: P = 90 kW, 110 % Overload: P = 110 kW, 150 % Overload: I_M = 129 A, 110 % Overload: I_M = 157 A, Assigned motor rating Note: at 480 V, 60 Hz, Assigned motor rating 150 % Overload: P = 100 HP, 110 % Overload: P = 125 HP, Assigned motor rating 150 % Overload: I_M = 124 A, 110 % Overload: I_M = 156 A, Degree of Protection: IP54/NEMA12, Interface/field bus (built-in): Mo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DG1-34140FN-C54C 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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