

INDUSTRIAL COMPONENT DATA

XSDMC-2004 193281 Y7-193281 EATON ELECTRIC Variable frequency drive, 500 V AC, 3-phase, 13.5 A, 7.5 kW, IP21..

Brand: EATON - MOELLER | Manufacturer Part Number: XSDMC-2004



Manufacturer	EATON - MOELLER
MPN / Reference	XSDMC-2004
Catalog number	Y7-193281
Category	Door/operating panel (switchgear cabinet)
Minimum order	1 Pcs
Document ID	EO-F27EC4BCE7
Generated	2026-08-05

Product Overview

Variable frequency drive, 500 V AC, 3-phase, 13.5 A, 7.5 kW, IP21/NEMA1, Brake chopper, DC link choke
XSDMC-2004

Door to switchgear area, closed, IP55, HxW=500x425mm

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 > Enclosures
--------------	------------------------------

Additional Product Information

Delivery program Product range Variable frequency drives

Part group reference (e.g. DIL) DG1

Rated operational voltage Ue 600 V AC, 3-phase

Output voltage with Ve U2 600 V AC, 3-phase

Mains voltage (50/60Hz) ULN V 500 (-10%) - 600 (+10%)

Rated operational current

At 150% overload Ie A 13.5

At 110% overload Ie A 18

Note Rated operational current for a switching frequency of 1 - 6 kHz and an ambient temperature of +50 °C for a 150% overload and +40 °C for a 110% overload

Assigned motor rating

Note for normal internally and externally ventilated 4 pole, three-phase asynchronous motors with 1500 rpm-1at 50 Hz or 1800 min-1at 60 Hz

Note Overload cycle for 60 s every 600 s

Note at 525 V, 50 Hz

150 % Overload P kW 7.5

110 % Overload P kW 11

150 % Overload IM A 12.1

110 % Overload IM A 17.4

Note at 600 V, 50 Hz

150 % Overload P kW 7.5

110 % Overload P kW 11

150 % Overload IM A 10.6

110 % Overload IM A 15.1

Note at 600 V, 60 Hz

150 % Overload P HP 10

110 % Overload P HP 15

150 % Overload IM A 11

110 % Overload IM A 17

Degree of Protection IP21/NEMA1

Interface/field bus (built-in) Modbus RTU

Modbus TCP

BACnet MS/TP

Ethernet IP

Fieldbus connection (optional) PROFIBUS

CANopen®

DeviceNet

SmartWire-DT

Fitted with Radio interference suppression filter

Additional PCB protection

Multi-line graphic display

Brake chopper

DC link choke

Frame size FS2

Connection to SmartWire-DT yes

in conjunction with DXG-NET-SWD SmartWire DT module

Technical data General

Standards Specification for general requ...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / XSDMC-2004 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.