

## INDUSTRIAL COMPONENT DATA

# PSG120F24RM 172883 Y7-172883 EATON ELECTRIC Power supply three-Phase 400-500 V AC/24 V DC 5A

Brand: EATON - MOELLER | Manufacturer Part Number: PSG120F24RM



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | EATON - MOELLER |
| MPN / Reference | PSG120F24RM     |
| Catalog number  | Y7-172883       |
| Category        | DC-power supply |
| Minimum order   | 1 Pcs           |
| Document ID     | EO-5A9A5E2491   |
| Generated       | 2026-08-06      |

## Product Overview

Power supply; three-Phase; 400-500 V AC/24 V DC; 5A

PSG120F24RM

Eaton PSG Power supply unit, 3-phase, 400-500VAC/24VDC, 5A

Power supply unit, Product range: Power supplies PSG, Subrange: power supply unit, Description: Power Boost via 1.5-fold rated operational current for 5 s, PELV (EN 60204), SELV (EN 60950), Width: 50 mm, Height: 121 mm, Depth: 117.3 mm, Three-phase, Input voltage range: 320 - 600 V AC, (450 - 800 V DC), Nominal input voltage: 3 x 400 - 500 V AC, Rated output voltage: 24 V DC ( $\pm 2\%$ ), Rated output current: 5 A, Setting range for the output voltage: 24 - 28 V DC, Rated output power: 120 W, Degree of Protection: IP20, Heat dissipation: 16.5 W

## 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 > Transformers

## Additional Product Information

General specifications

Product Name Eaton PSG power supply unit Catalog Number 172883 Model Code PSG120F24RM EAN 4015081694716

Product Length/Depth 117 mm Product Height 121 mm Product Width 50 mm Product Weight 0.65 kg Certifications

Protection against electric shock: DIN 57100-410

2014/30/EU

ITE: EN 55022, EN 61000-3-2, EN 61000-3-3, EN 55024

Electrical equipment of machines: IEC60204-1 (Overvoltage category III)

Class2: UL1310 and CSA-C22.2 No. 223

RoHS

SELV (EN 60950)

EN 50178/IEC 62103

EN 55011

2014/35/EU

Electrical Safety (of IT equipment) : SIQ to EN60950-1, UL/c-UL recognized to UL 60950-1, CSA-C22.2 No. 60950-1, CB scheme to IEC 60950-1

IEC/EN 61204-3

Mains harmonics limitation: EN 601000-3-2

PELV (EN 60204)

UL 508

IEC Rated

CSA Std. C22.2

EN Listed

EAC Features & Functions

Electric connection type Screw connection Enclosure material Aluminum Features Mains overvoltage protection (against internal overvoltage)

Output voltage stabilized

Short-circuit-proof

Modular version

Stabilized Fitted with: Not accessible internal input fuse (T3.15 AH/500 V, 600 V) for device protection Functions Transient overvoltage protection (varistor)

Secondary voltage adjustable Number of phases 3 General

Degree of Protection IP20

NEMA 1 Environmental class 3K3 (Climatic class, according to EN 60721) Mounting Method Rail mounting possible

Pollution degree 2 Product category Power supply Voltage type AC Connection L1 +, L2 -, L3 nc, PE ?, Input characteristics, DC duty

L1 +, L2 nc, L3 -, PE...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / PSG120F24RM 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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