

INDUSTRIAL COMPONENT DATA

PSG480E24RM 172894 Y7-172894 EATON ELECTRIC Power supply single Phase 100-240 V AC/24 V DC 20A

Brand: EATON - MOELLER | Manufacturer Part Number: PSG480E24RM



Manufacturer	EATON - MOELLER
MPN / Reference	PSG480E24RM
Catalog number	Y7-172894
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-DD7C978A96
Generated	2026-08-04

Product Overview

Power supply; single Phase; 100-240 V AC/24 V DC; 20A

PSG480E24RM

Eaton PSG Power supply unit, 1-phase, 100-240VAC/24VDC, 20A

Power supply unit, Product range: Power supplies PSG, Subrange: power supply unit, Description: Power Boost via 2-fold rated operational current for 2 s, PELV (EN 60204), SELV (EN 60950), Width: 144 mm, Height: 121 mm, Depth: 118.6 mm, Single-phase, Input voltage range: 85 - 264 V AC, (120 - 375 V DC), Nominal input voltage: 100 - 240 V AC, 125 - 250 V DC, Rated output voltage: 24 V DC ($\pm 2\%$), Rated output current: 20 A, Setting range for the output voltage: 24 - 28 V DC, Rated output power: 480 W, Degree of Protection: IP20, Heat dissipation: 59 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 172894 Model Code PSG480E24RM EAN 4015081694822

Product Length/Depth 180 mm Product Height 170 mm Product Width 165 mm Product Weight 1.49 kg Certifications EN 55011

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

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

Mains harmonics limitation: EN 601000-3-2

RoHS

2014/30/EU

2014/35/EU

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

SELV (EN 60950)

EN 50178/IEC 62103

IEC/EN 61204-3

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

PELV (EN 60204)

Protection against electric shock: DIN 57100-410

UL 508

IEC Rated

CSA Std. C22.2

EN Listed

EAC Features & Functions

Electric connection type Screw connection Enclosure material Aluminum Features Modular version

Short-circuit-proof

Output voltage stabilized

Stabilized

Mains overvoltage protection (against internal overvoltage) Fitted with: Not accessible internal input fuse (T8 AH/250 V) for device protection Functions Secondary voltage adjustable

Transient overvoltage protection (varistor) Number of phases 1 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 Connection type Screw connection LED indicator Status indication of

"DC OK": Green LED Power consumption 600 VA R...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / PSG480E24RM 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.