

**INDUSTRIAL COMPONENT DATA**

# RASP5-8420PNT-412R101S1 199048 Y7-199048 EATON ELECTRIC RASP5-8420PNT-412R101S1

Brand: EATON - MOELLER | Manufacturer Part Number: RASP5-8420PNT-412R101S1



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | RASP5-8420PNT-412R101S1            |
| Catalog number  | Y7-199048                          |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-EE9270F1C3                      |
| Generated       | 2026-08-04                         |

## Product Overview

RASP5-8420PNT-412R101S1

Eaton Moeller® series Rapid Link - Speed controllers, 8.5 A, 4 kW, Sensor input 4, Actuator output 2, PROFINET, HAN Q4/2, with manual override switch, with braking resistance, with fan

Speed controllers, 8.5 A, 4 kW, Sensor input 4, Actuator output 2, PROFINET, HAN Q4/2, with manual override switch, with braking resistance, with fan

**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 > Rapid Link Starters |
|--------------|---------------------------------------|

## Additional Product Information

General specifications

Product Name Eaton Moeller® series Rapid Link Speed controller Catalog Number 199048 Model Code

RASP5-8420PNT-412R101S1 EAN 4015081971060 Product Length/Depth 195 mm Product Height 270 mm Product Width 220 mm Product Weight 3.82 kg Certifications CE

IEC/EN 61800-5-1

RoHS

UL approval

UL 61800-5-1 Catalog Notes Features &amp; Functions

Features Parameterization: drivesConnect mobile (App)

Parameterization: drivesConnect

Parameterization: Keypad

Parameterization: Fieldbus

Internal and on heat sink, temperature-controlled Fan Fitted with: PTC thermistor monitoring

Control unit

Breaking resistance

Key switch position HAND

2 Actuator outputs

IGBT inverter

Key switch position OFF/RESET

Selector switch (Positions: REV - OFF - FWD)

Fan

Internal DC link

Braking resistance

Manual override switch

Thermo-click with safe isolation

PC connection

Key switch position AUTO

Two sensor inputs through M12 sockets (max. 150 mA) for quick stop and interlocked manual operation Functions

4-quadrant operation possible

3 fixed speeds

1 potentiometer speed

Brake chopper with braking resistance for dynamic braking General

Degree of protection IP65

NEMA 12 Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Overvoltage category III

Product category Speed controller Protocol PROFINET IO Radio interference class C1: for conducted emissions only

C2, C3: depending on the motor cable length, the connected load, and ambient conditions. External radio interference...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / RASP5-8420PNT-412R101S1 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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