

**INDUSTRIAL COMPONENT DATA**

# PV-PID-MINI-ID 409315 AA042201F OMRON Regeneration PID for photovoltaic panels for interior

Brand: OMRON | Manufacturer Part Number: PV-PID-MINI-ID



|                 |                |
|-----------------|----------------|
| Manufacturer    | OMRON          |
| MPN / Reference | PV-PID-MINI-ID |
| Catalog number  | PV-PID-MINI-ID |
| Category        | Solar inverter |
| Minimum order   | 1 unit         |
| Document ID     | EO-23710718CD  |
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## Product Overview

PV-PID-MINI-ID 409315 AA042201F OMRON Regeneration PID for photovoltaic panels for interior

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                        |
|--------------|------------------------|
| Catalog path | OMRON > Solar inverter |
|--------------|------------------------|

## Additional Product Information

Ordering information  
 Unit type  
 Connection type  
 Input type  
 Power supply voltage  
 Environmental conditions  
 Order code  
 PID regeneration box  
 Series  
 2 × 25 A  
 18 VDC  
 Indoor  
 PV-PID-MINI-ID  
 Outdoor  
 PV-PID-MINI-OD

## Series

75 A/350 A

230 VAC/110 VAC

Outdoor

PV-PID-BOX-\_\_A

Parallel

2 × 50 kW

18 VDC

Indoor

PV-PID-LIGHT-ID

Outdoor

PV-PID-LIGHT-OD

## Specifications

PV-PID-MINI-ID

PV-PID-MINI-OD

PV-PID-BOX-\_\_A

PV-PID-LIGHT-ID

PV-PID-LIGHT-OD

PV array/inverter input

Input PV voltage range

80 to 1000 V

Output voltage to ground

Up to 1000 V

Up to 1250 V

Up to 1000 V

Maximum PV current

2 × 25 A

75 A to 350 A depending on the PV-PID-BOX specific model

-

Maximum total PV power

-

-

100 kWp

Number of independent DC inputs

2

1

2

Maximum output current in operation

5 mA

16 mA

5 mA

GRID (AC)

Nominal AC voltage

100 to 240 V

110 to 130 V or 220 to 250 V

100 to 240 V

Nominal AC grid frequency

47 to 63 Hz

50 to 60 Hz

47 to 63 Hz

Power consumption in standby operation

< 0.2 W

8 W

< 0.2 W

Typical power consumption in operation

8 W

20 W

(typically 0.3 kWh/day)

8 W

Maximum power consumption

15 W

25 W

15 W

Inrush power

-

80 W (75 ms)

-

General data

Dimensions (W × D × H)

270 × 200 × 75 mm

520 × 140 × 550 mm

270 × 200 × 75 mm

Weight

1.1 kg

16 kg

1.1 kg

Operating temperature range

-25 to 60 °C

-25 to 60 °C

-25 to 60 °C

Environmental conditions

IP30 - Indoor use

IP65 - indoor/outdoor use

(power supply IP30)

IP65 - indoor/outdoor use

IP30 - Indoor use

IP65 - indoor/outdoor use (power supply IP30)

PV connectors

MC4 co...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / PV-PID-MINI-ID 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

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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