

INDUSTRIAL COMPONENT DATA

PV-PID-MINI-OD 409316 AA042202D OMRON Regeneration PID for photovoltaic panels for exterior

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



Manufacturer	OMRON
MPN / Reference	PV-PID-MINI-OD
Catalog number	PV-PID-MINI-OD
Category	Solar inverter
Minimum order	1 unit
Document ID	EO-8138189261
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Product Overview

PV-PID-MINI-OD 409316 AA042202D OMRON Regeneration PID for photovoltaic panels for exterior

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
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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-OD with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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