

INDUSTRIAL COMPONENT DATA

CHARX PS-M2/825DC/1000DC/30KW 1296467 PHOENIX CONTACT CHARX power basic, Fast charging module for mounting D..

Brand: PHOENIX CONTACT | Manufacturer Part Number: CHARX PS-M2/825DC/1000DC/30KW



Manufacturer	PHOENIX CONTACT
MPN / Reference	CHARX PS-M2/825DC/1000DC/30KW
Catalog number	1296467
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-208E89E9A6
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Product Overview

CHARX power basic, Fast charging module for mounting DC charging posts, 19" rack mounting, output: 30 V DC... 1000 V DC / 0 A... 100 A

CHARX power basic, Fast charging module for setting up DC charging stations, 19" rack mounting, CAN bus, output: 30 V DC...1000 V DC / 0 A...100 A

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	PHOENIX CONTACT
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Additional Product Information

Technical dataInput dataDC operation

Input voltage range 300 V DC ... 825 V DC

Derating < 650 V DC ... 300 V DC (46 W/V)

Nominal input voltage range 650 V DC ... 825 V DC

Input current 48 A (650 V DC)

38 A (825 V DC)

Inrush current limitation < 60 A

Insulation resistance > 10 M?

Supply system configuration DC grid (DC±, PE)

Output dataEfficiency > 95 % (POut>50%)

Output voltage range 30 V DC ... 1000 V DC

Output current range 0 A ... 100 A

Nominal power 30 kW

Power dissipation standby < 14 W

Protection against overvoltage at the output (OVP) > 1040 V DC

Derating > 55 °C (3.2 A/K)

> 55 °C (1 kW/K)

Control deviation < 0.5 % (Voltage deviation static load change 20% ... 100%)

< 1 % (Current deviation Static load change 20 % ... 100 %)

± 0.2 % (Input voltage change ±20 %)

Switch-on delay < 8 s

Overshoot behavior ± 3 % (Switch-on procedure)

Energy storage Battery technology Li-Ion

Connection data Input

Designation Input

Identification DC IN: + / - / PE

Conductor connection

Connection method Push-in connection

rigid 1.5 mm² ... 16 mm²

10 mm² (recommended)

flexible 1.5 mm² ... 16 mm²

10 mm² (recommended)

rigid (AWG) 15 ... 5 (Cu)

7 (recommended)

Stripping length 18 mm (rigid/flexible)

Output

Designation Output

Identification DC OUT: + / -

Conductor connection

Connection method T-LOX knee lever connection

rigid 10 mm² ... 50 mm²

25 mm² (recommended)

flexible 16 mm² ... 50 mm²

25 mm² (recommended)

rigid (AWG) 8 ... 0 (Cu)

16 (recommended)

Stripping length 20 mm (10 mm² ... 25 mm² = 18....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CHARX PS-M2/825DC/1000DC/30KW with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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