INDUSTRIAL COMPONENT DATA

CHARX PS/3AC/920DC/87.5KW 1162690 PHOENIX CONTACT CHARX power, Fast charging module for mounting DC charging..

Brand: PHOENIX CONTACT | Manufacturer Part Number: CHARX PS/3AC/920DC/87.5KW



Manufacturer	PHOENIX CONTACT
MPN / Reference	CHARX PS/3AC/920DC/87.5KW
Catalog number	1162690
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-2330AF4010
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Product Overview

CHARX power, Fast charging module for mounting DC charging poles, input: 3 phase, output: 200 V DC... 920 V DC / 125 A
CHARX power basic, Fast charging module for mounting DC charging stations, input: 3 phase, output: 200 V DC... 920 V DC / 125 A. The operation of the DC power module requires the corresponding control cabinet of the CHARX PS-CAB/4x87.5KW system (article code 1165442)

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 > Power Supplies (PS)

Additional Product Information

Technical dataInput dataAC Operation
Input Voltage Range 3x 400V AC ±10%
Frequency Range 3x 50 Hz ... 60 Hz ±10%
Input current 3x 130 A
Power Factor (cos phi) 0,99
Total Distortion (THDi) < 3%
Network Structure TN-S, TN-C, TN-C-S, IT (PE) (Central Point Grounding & Insulation Monitoring)
Output DataYield max. 97 %
Output Voltage Range 200 V DC ... 920 V DC ±1%

Output current max. 125 A
Residual ripple of the output current <= 1%
Nominal power 87.5 kW
Dissipated Power < 2650 W
Power dissipated in standby < 135 W
Derating > 40 °C ... 50 °C (Derating 2.5%/K)
Parallel operation yes (Provision)
Parallel connection possible Yes, up to 2 control cabinets
Energy storage systemsBattery technology Li
Electrical PropertiesNumber of phases 3
Item PropertiesProduct Type DC Power Module
Product Family CHARX power basic
Hot-PLUG Connection Yes
Ventilation Yes
Insulation Properties
Kind of protection I
Degree of pollution 2
DimensionsItem Dimensions
Width 536 mm
Height 222 mm
Depth 600 mm
assemblyType of mounting Rack mounting
Environmental and life-life conditionsEnvironmental conditions
Protection Index IP20
Ambient Temperature (Service) 0 °C ... 50 °C (Derating > 40 °C: 2.5%/K)
Ambient Temperature (Storage/Transport) -25 °C ... 85 °C
Fixing height <= 2000 m (Derating > 1000 m: 10%/1000 m)
Permissible air humidity (service) 5 % ... 95% (non-condensing)
Noise level approx. 72 dB (at full load)
Standards & SpecificationsSurge Category
IEC 60664-1 Ii
Conductive charging system for electric veh...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CHARX PS/3AC/920DC/87.5KW 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

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