

CHARX AC-DIS/150KW - AC distribution module



1342893

<https://www.phoenixcontact.com/us/products/1342893>

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CHARX power distribute, 19" rack mounting



Commercial Data

Item number	1342893
Packing unit	1 pc
Minimum order quantity	1 pc
Product Key	CMERZE
GTIN	4063151653668
Weight per Piece (including packing)	14,000 g
Weight per Piece (excluding packing)	13,700 g
Country of origin	DE

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Technical Data

Input data

AC operation

Input voltage range	3x 400 V AC ... 480 V AC -15 % ... +10 %
Frequency range	50 Hz ... 60 Hz ±10 %
Input current	3x 232 A
Supply system configuration	Star network (TN-S, TT)

Output data

Charging interface

Output voltage range	3x 400 V AC ... 480 V AC -15 % ... +10 %
Output current range	5x 63 A AC 1x 6 A AC

Signal relay

Connection labeling	Temperature relay (OTD)
Function	Operating state forwarding
Switch contact (floating)	N/O contact
Switching voltage	30 V DC
Current carrying capacity	1 A

Signal relay

Connection labeling	Surge protection (SPD)
Function	Operating state forwarding
Switch contact (floating)	N/O contact
Switching voltage	30 V DC
Current carrying capacity	1 A

Supply of external I/O devices

Number outputs	5
Output voltage range	3x 400 V AC ... 480 V AC (L1...L3)

Supply of external I/O devices

Number outputs	1
Output voltage range	3x 400 V AC ... 480 V AC (L1...L3, N)

Connection data

Conductor connection

Connection method	T-LOX knee lever connection
flexible with ferrule without plastic sleeve	0.25 mm ² ... 2.5 mm ²
flexible with ferrule with plastic sleeve	0.25 mm ² ... 1.5 mm ²
Stripping length	25 mm

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Conductor connection

Connection method	Push-in spring connection
rigid	1.5 mm ² ... 16 mm ²
flexible	1.5 mm ² ... 16 mm ²
Stripping length	18 mm

Conductor connection

Connection method	Push-in spring connection
rigid	0.2 mm ² ... 4 mm ²
flexible with ferrule without plastic sleeve	0.25 mm ² ... 1.5 mm ²
flexible with ferrule with plastic sleeve	0.25 mm ² ... 2.5 mm ²
rigid (AWG)	24 ... 12
Stripping length	10 mm

Electrical properties

Electrical isolation between input and output	No
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Product properties

Product type	AC distribution module
Product family	CHARX power distribute
Internal fan	yes
Flow direction	from front to back

Insulation characteristics

Protection class	I
Pollution degree	2

Dimensions

Width	483 mm
Height	134 mm
Depth	598 mm
Rack unit	3 U

Mounting

Mounting type	19" rack mounting
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Material specifications

Housing material	Zn-Al alloy
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Maximum altitude	≤ 2000 m

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Permissible humidity (operation)	≤ 95 % (non-condensing)
Noise level	< 60 dB (1 m)

Standards and regulations

Overvoltage category

IEC 60664-1	III
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Low-voltage switchgear and controlgear assemblies - Part 7: Switchgear and controlgear assemblies for specific applications

Standards/specifications	IEC 61439-7
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Approvals

UL specifications

Nominal discharge current I_n	20 kA
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EMC data

EMC requirements for noise emission	EN 61000-6-3
EMC requirements for noise immunity	EN 61000-6-1

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Classifications

ECLASS

ECLASS-11.0	27144792
ECLASS-12.0	27144792
ECLASS-13.0	27144792

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Accessories

CHARX CONTROL-M2/150KW - DC charging controller

1311433

<https://www.phoenixcontact.com/us/products/1311433>

CHARX control integrated, 19" rack mounting



CHARX PS-M2/3AC/1000DC/30KW - DC power module

1232243

<https://www.phoenixcontact.com/us/products/1232243>

CHARX power basic, Fast charging module for setting up DC charging stations, 19" rack mounting, CAN bus, input: 3-phase, output: 150 V DC...1000 V DC / 0 A...100 A



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EV-T1G2CC-DC200A-5,0M1ASBK11 - DC charging cable

1051695

<https://www.phoenixcontact.com/us/products/1051695>



CHARX connect standard, DC charging cable, with vehicle charging connector and open cable end, for charging electric vehicles (EV) with direct current (DC), with charging connector holder, with analog temperature sensors, CCS type 1, SAE J1772, IEC 62196-3, PHOENIX CONTACT logo, cable: 5 m, black, straight

EV-T2M4CC-DC250A-5,0M70ESBK11 - DC charging cable

1107339

<https://www.phoenixcontact.com/us/products/1107339>



CHARX connect standard, DC charging cable, with vehicle charging connector and open cable end, for charging electric vehicles (EV) with direct current (DC), with connected PP contact, with replaceable mating face frame, with analog temperature sensors, CCS type 2, IEC 62196-3, PHOENIX CONTACT logo, cable: 5 m, black, straight

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PLD E 409 W 350 MS - LED enclosure light

1319573

<https://www.phoenixcontact.com/us/products/1319573>



LED enclosure light, 24 V AC/DC ... 240 V AC/DC, length: 350 mm, degree of protection: IP20, can be swiveled ($\pm 90^\circ$ swivel range), with motion detector, including mounting accessories

EV-RFID-ELT-IP65 - RFID device

1309687

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CHARX control, RFID device, for connection to CHARX control modular AC charging controllers, in housing

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WP 4185-WHPS - Web panel

1148690

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Web panel with 47.0 cm / 18.5" TFT-display (projective-capacitive (PCAP)), 1366 x 768 pixel(s) (HD), 16.7 million colors, Arm[®] Cortex[®]-A53, 4x 1.2 GHz, 2x USB host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Yocto/Linux and user software: Chromium Browser. (bus system: without)

RIF-1-BPT/2X21 - Relay base

2900931

<https://www.phoenixcontact.com/us/products/2900931>



Relay base RIF-1..., for miniature power relay with 1 or 2 changeover contacts or solid-state relays of the same design, Push-in connection, plug-in option for input/interference suppression modules, for mounting on NS 35/7,5

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